

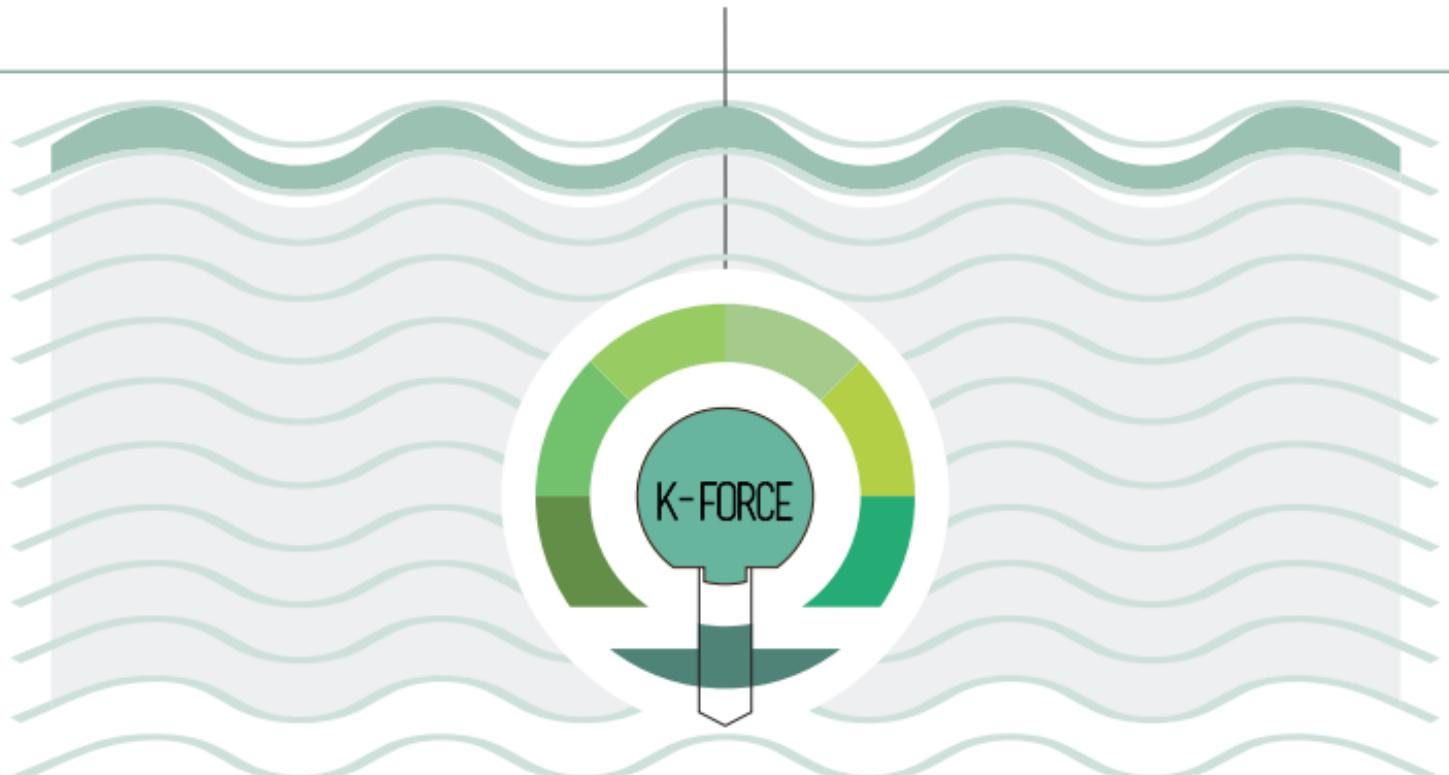
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# **Knowledge FOr Resilient soCiEty**



**K - FORCE**

**573942-EPP-1-2016-1-RS-EPPKA2-CBHE-JP**





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Erasmus+ Programme  
of the European Union



## WP2

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### DEFINE DIRECTIONS FOR DEVELOPMENT OF PHD PROGRAMME

Report on Teaching Staff Resources for MPs and  
PhD

Deliverable 2.2

The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.

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Report 2.2 provides data on the existing and future teaching staff resources for DRM&FSE Master and PhD study programs in WBC. It results in integrated data on competent teaching staff resources for DRM&FSE Master and PhD study programs in WBC, as well as data on shortages in their number or skills.

#### PROJECT INFO

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## INTRODUCTION

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In-site research and on-line information provided data on the existing and future teaching staff resources for Disaster Risk Management and Fire Safety Engineering (DRM&FSE) Master and PhD study programs in K-FORCE project's Partner countries - Serbia, Bosnia & Herzegovina and Albania.

Teaching staff resources are assessed in relation to analysed WB needs and EU trends in the field (2.1). It results in integrated data on competent teaching staff resources for DRM&FSE Master and PhD study programs in Western Balkan Countries (WBC), as well as data on shortages in their number or skills.

Within an analysis of teaching staff resources for the DRM&FSE Master and PhD study programs in WBC, collected data included the following information on teaching staff:

- **Academic or scientific title**
- **Affiliation**
- **List of taught subjects**
- **Potential subjects to be taught in new study programme** developed within the K-FORCE project
- **Research and scholarly output** in form of list of written Journal Articles, Books, monographs and chapter in books and monographs, as well as Conference Papers
- **Research interest**
- **Professional Activities, Recognition and Other Information**

# SERBIA

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## UNIVERSITY OF NOVI SAD Faculty of Technical Sciences Novi Sad

No.1

Name and surname:	Mirjana Laban
Academic or scientific title:	Assistant Professor
Affiliation:	Faculty of Technical Sciences - Novi Sad

### Teaching

No.	List of subjects	Study programme and the level of the study
1	Fundamentals of Technical Documentation Design	Disaster Risk Management and Fire Safety, BSc
2	Risk Management and Sustainable Settlement Development	Disaster Risk Management and Fire Safety, BSc
3	Safety Aspects in the Built Environment	Disaster Risk Management and Fire Safety, BSc
4	Disasters and Vulnerability	Disaster Risk Management and Fire Safety, BSc
5	Fire Safety Engineering Design of Structures	Disaster Risk Management and Fire Safety, BSc
6	Fire Protection Planning and Design	Disaster Risk Management and Fire Safety, BSc
7	Protection and Rescue Plans	Disaster Risk Management and Fire Safety, MSc
8	Advanced Disaster Risk Analisys Methodes	Civil Engineering, PhD
9	Fire Safety of Building Structures	Civil Engineering, PhD

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Protection and Rescue Plans
2	Risk Analysis in Decision-making Process
3	Evacuation calculation and modelling
4	Professional practice

### Research and scholarly output

Journal Articles	
1	Laban M., Folić R.: Energy efficiency of industrially made buildings influenced by thermal properties of facades, Thermal Science - International Scientific Journal, 2014, Vol.18, No 2, pp. 615-630, ISSN 0354-9836, UDK: 621
2	Milanko V., Laban M., Gavanski D.: Analiza uticaja uslova skladištenja na očuvanje kvaliteta zrna soje i sprečavanje procesa samozagrevanja i pojave požara, "Hemijnska industrija", 2012, Vol. 66, No 4, pp. 587-594, UDK: 633.34:631.24
3	Folić R., Laban M., Milanko V.: Reliability and sustainability analysis of large panel residential buildings in Sofia, Skopje and Novi Sad, Facta universitatis - series: Architecture and Civil Engineering, 2011, Vol. 9, No 1, pp. 161-176, ISSN 0354-4605, UDK: UDC 728.2(497.223)(497.17)(497.113)=111

<b>4</b>	Laban M., Popov S., Vukoslavčević S., Šupić S.: Performanse puteva evakuacije i bezbednost zgrada od požara, Tehnika, 2015, Vol. 4, pp. 599-606, ISSN 0040-2176
<b>5</b>	Medić N., Sakulski D., Ćosić Đ., Laban M.: Homogenizacija podataka o padavinama u Panonskoj regiji, Tehnika, 2014, Vol. 69, No 6, pp. 1086-1092, ISSN 0040-2176, UDK: 62 (062.2) (497.1)
<b>6</b>	Laban M.: Kontrola kvaliteta prefabrikovanih betonskih fasadnih elemenata nakon višegodišnje eksploatacije, Materijali i konstrukcije, 2006, Vol. 1, pp. 3-19, ISSN 0543-0798, UDK: UDK: 692.23:624.012.3536 = 861
<b>7</b>	Laban M., Radonjanin V., Malešev M., Radeka M.: Svojstva građevinskih proizvoda i osnovni zahtevi zaštite fasada od požara pri energetskoj obnovi stambenih zgrada, Tehnika, 2015, No 5, pp. 759-766, ISSN 0040-2176, UDK: 699.81

**No.2**

<b>Name and surname:</b>	<b>Vlastimir Radonjanin</b>
<b>Academic or scientific title:</b>	Full Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Structures, Materials and Building	Architecture, BSc
<b>2</b>	Materials in Construction 2	Civil Engineering, BSc
<b>3</b>	Concrete Technology	Civil Engineering, BSc
<b>4</b>	Building materials and structures	Disaster Risk Management and Fire Safety, BSc
<b>5</b>	Durability and Assessment of Concrete Structures	Civil Engineering, MSc
<b>6</b>	Professional Practice	Civil Engineering, MSc
<b>7</b>	Damages and Repair of Masonry, Steel and Timber Structures	Civil Engineering, MSc
<b>8</b>	Repair of Concrete Structures	Civil Engineering, MSc
<b>9</b>	Bridge Management	Civil Engineering, MSc
<b>10</b>	Assessment of Damaged Structures	Disaster Risk Management and Fire Safety, MSc
<b>11</b>	Energy-efficient materials and diagnostic of building thermotechnical performances	Energy Efficiency in Buildings, Specialised Academic Studies
<b>12</b>	The design of energy efficient buildings	Energy Efficiency in Buildings, Specialised Academic Studies
<b>13</b>	Energy revitalization of buildings	Energy Efficiency in Buildings, Specialised Academic Studies
<b>14</b>	Selected Chapters in Materials and Structures	Geodesy and Geomatics, Specialised Academic Studies
<b>15</b>	Selected Chapters in Concrete Theory and Technology	Civil Engineering, PhD
<b>16</b>	Contemporary Methods in Concrete Structure Design	Civil Engineering, PhD
<b>17</b>	Earthquake Engineering	Civil Engineering, PhD
<b>18</b>	Rheology of Concrete Structures	Civil Engineering, PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Assessment of Damaged Structures
<b>2</b>	Risk Analysis in Decision Making Process

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Radonjanin,V. (2003): Prilog istraživanju osnovnih karakteristika betona modifikovanih polimerima sa aspekta njihove primene u armiranobetonskim konstrukcijama, Magister hesist
<b>2</b>	Radonjanin,V.(1994): Parametarska analiza karakteristika reparaturnih maltera sa aspekta njihove primene pri sanaciji armiranobetonskih konstrukcija, Doctoral dissertation

<b>Journal Articles</b>	
<b>1</b>	Folić, R., Radonjanin, V. (1998): Experimental research on polymer modified concrete, ACI Materials Journal, VOL. 95 No. 4, July/August 1998, pp.463-470.
<b>2</b>	Marinkovic Snezana B, Radonjanin Vlastimir S, Malesev Mirjana, Ignjatovic IS,Comparative environmental assessment of natural and recycled aggregate concrete (Article), WASTE MANAGEMENT, (2010), vol. 30 br. 11, str. 2255-2264
<b>3</b>	Stojanovic Goran M, Radovanovic Milan, Malesev Mirjana, Radonjanin Vlastimir S, Monitoring of Water Content in Building Materials Using a Wireless Passive Sensor (Article), SENSORS, (2010), vol. 10 br. 5, str. 4270-4280
<b>4</b>	Maksimovic M.; Stojanovic G., Radovanovic M.; Malesev M.; Radonjanin V., Radosavljevic G.; Smetana W (2012).: Application of a LTCC sensor for measuring moisture content of building materials, Elsevier - Construction and Building Materials, Volume 26, Issue 1, January 2012, pp. 327–333 ( <a href="http://dx.doi.org/10.1016/j.conbuildmat.2011.06.029">http://dx.doi.org/10.1016/j.conbuildmat.2011.06.029</a> )
<b>5</b>	Folić, R., Radonjanin, V., Malešev, M. (2002): The assessment of the Structure of Novi Sad Open University Damaged in Fire, Journal "Construction and Building Materials", No. 16 (2002), Elsevier Science, London, pp.427 - 440.
<b>6</b>	Matić B., Tepić J., Sremac S., Radonjanin V., Matić D., Jovanović P.: Development and evaluation of the model for the surface payment temperature prediction, Journal "Metalurgija", Croatian metallurgical society, Zagreb, Croatia, ISSN: 0543-5846, 2012 (UDC – UDK 621.747.621.006.2:658.564=111), pp.329-332
<b>7</b>	Pavlović, P., Folić, R., Radonjanin, V., Tatomirović, M. (1997): The Testing and Repair of Steel Silo, Journal "Construction and Building Materials", Vol. 11. No. 5-6 (1997), Elsevier Science, London, pp.353-363.
<b>8</b>	Radonjanin, V., Malešev, M., Folić, R. (2007): Assessment and repair of the bearing structure of a multi-storey parking garage, Journal of Building Appraisal, Volume 2, Issue 4, Publisher "Palgrave Macmillan", London, UK, February 2007, pp. 335-354.

**Research interest:**

1. Materials in Civil Engineering
2. Condition Assesment
3. Construction

**No.3**

<b>Name and surname:</b>	<b>Mirjana Malešev</b>
<b>Academic or scientific title:</b>	Full Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Structures, Materials and Building	Architecture, BSc
<b>2</b>	Materials in Construction 2	Civil Engineering, BSc
<b>3</b>	Concrete Technology	Civil Engineering, BSc
<b>4</b>	Building materials and structures	Disaster Risk Management and Fire Safety, BSc
<b>5</b>	Durability and Assessment of Concrete Structures	Civil Engineering, MSc
<b>6</b>	Damages and Repair of Masonry, Steel and Timber Structures	Civil Engineering, MSc
<b>7</b>	Repair of Concrete Structures	Civil Engineering, MSc
<b>8</b>	Bridge Management	Civil Engineering, MSc
<b>9</b>	Assessment of Damaged Structures	Disaster Risk Management and Fire Safety, MSc
<b>10</b>	Energy-efficient materials and diagnostic of building thermotechnical performances	Energy Efficiency in Buildings, Specialised Academic Studies
<b>11</b>	The design of energy efficient buildings	Energy Efficiency in Buildings, Specialised Academic Studies
<b>12</b>	Energy revitalization of buildings	Energy Efficiency in Buildings, Specialised Academic Studies
<b>13</b>	Selected Chapters in Materials and Structures	Geodesy and Geomatics, Specialised Academic Studies
<b>14</b>	Selected Chapters in Concrete Theory and Technology	Civil Engineering, PhD
<b>15</b>	Contemporary Methods in Concrete Structure Design	Civil Engineering, PhD
<b>16</b>	Construction Business and Regulative	Civil Engineering, MSc
<b>17</b>	Rheology of Concrete Structures	Civil Engineering, PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Assessment of Damaged Structures
<b>2</b>	Risk Analysis in Decision Making Process

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Malešev,M. (1994) Primena metode ultrazvuka pri određivanju otpornosti betona na dejstvo mraza, Magister hesist
<b>2</b>	Malešev,M. (2003) Parametarska analiza uticaja novih vrsta cementa proizvedenih prema EN 197-1 na osnovna svojstva betona, Doctoral dissertation
<b>Journal Articles</b>	
<b>1</b>	Radonjanin, V., Malešev, M. (1997): Concrete Quality Control by Using Statistical Methods, Bulletins for Applied & Computer Mathematics, BAM-1324, Vol.LXXXIB, Budapest, Hungary, pp. 95-104.

<b>2</b>	Stojanović G., Radovanović M., Malešev M., Radonjanin V.: Monitoring of Water Content in Building Materials Using a Wireless Passive Sensor, Sensors, 2010, Vol. 10, No 5, pp. 4270-4280, ISSN 1424-8220, UDK: 10.3390/s100504270
<b>3</b>	Malešev M., Radonjanin V., Radeka M., Milovanović V., Lukić I.: Basic properties of structural lightweight aggregate concrete in relation to type and quantity of cementitious materials - part 1, 1. International Symposium about Research and Application of Modern Achievements in Civil Engineering in the Field of Materials and Structures, Tara: Društvo za ispitivanje i istraživanje materijala i konstrukcija Srbije, Beograd, 19-21 Oktobar, 2011, pp. 159-168, ISBN 978-86-87615-02-1
<b>4</b>	Radonjanin V., Malešev M., Radeka M., Lukić I., Milovanović V.: Basic properties of structural lightweight aggregate concrete in relation to type and quantity of cementitious materials - part 2, 1. International Symposium about Research and Application of Modern Achievements in Civil Engineering in the Field of Materials and Structures, Tara: Društvo za ispitivanje i istraživanje materijala i konstrukcija Srbije, Beograd, 19-21 Oktobar, 2011, pp. 169-178, ISBN 978-86-87615-02-1
<b>5</b>	Malešev M., Radonjanin V., Emhemd Saed M., Milovanović V.: Zeleni betoni-nove mogućnosti održivog građevinarstva, 12. Konferencija Savremena građevinska praksa, Andrevlje: Fakultet tehničkih nauka i Društvo građevinskih inženjera Novog Sada, 19-20 Maj, 2011, pp. 209-226, ISBN 978-86-7892-324-1
<b>6</b>	Marinković S., Radonjanin V., Malešev M., Ignjatović I.: Comparative environmental assessment of natural and recycled aggregate concrete, Waste Management, 2010, Vol. 30, No 11, pp. 2255-2264, ISSN 0956-053X, UDK: doi: 10.1016/j.wasman.2010.04.012
<b>7</b>	Maksimović M., Stojanović G., Radovanović M., Malešev M., Radonjanin V., Radosavljević G., Smetana W.: Application of a LTCC sensor for measuring moisture content of building materials, Construction and Buildings Materials, 2012, Vol. 26, No 1, pp. 327-333, ISSN 0950-0618(02)00045-4, UDK: 10.1016/j.conbuildmat.2011.06.029

**Research interest:**

1. Materials in Civil Engineering
2. Condition Assessment
3. Construction

**No.4**

<b>Name and surname:</b>	<b>Srđan Kolaković</b>
<b>Academic or scientific title:</b>	Full Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Fundamentals in Hydromechanics and Hydrotechnics	Civil Engineering, BSc
<b>2</b>	Hydrotechnical Facilities and Systems	Civil Engineering, BSc
<b>3</b>	Hydrotechnical Meliorations	Civil Engineering, BSc
<b>4</b>	Fundamentals in Civil Engineering	Geodesy and Geomatics, BSc
<b>5</b>	Flood Defense Measures	Disaster Risk Management and Fire Safety, BSc
<b>6</b>	Fundamentals of Water Protection	Environmental Engineering, BSc Safety at Work, BSc
<b>7</b>	Methods and Systems for Water Treatment	Environmental Engineering, BSc
<b>8</b>	Water Treatment Methods and Technologies	Environmental Engineering, BSc
<b>9</b>	Professional Practice	Civil Engineering, MSc
<b>10</b>	Framework Directives E3 (WDF)	Civil Engineering, MSc
<b>11</b>	Hydrotechnical objects and systems	Water Treatment and Safety Engineering – TEMPUS, MSc
<b>12</b>	Selected Chapters in Engineering Geodesy	Geodesy and Geomatics, PhD
<b>13</b>	Selected Chapters in Municipal Information Systems	Geodesy and Geomatics, PhD
<b>14</b>	Selected Chapters in Hydraulics	Civil Engineering, PhD
<b>15</b>	Selected Chapters in Water Regulation and Protection	Civil Engineering, PhD
<b>16</b>	Selected Chapters in Hydro-informacis	Civil Engineering, PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	<b>Selected Chapters in Flood Prevention and Protection, PhD</b>

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	HIDROTEHNIČKE MELIORACIJE – ODVODNJAVA VANJE (dopunjeno izdanje sa zadacima i CD diskom sa softverom za proračun ETP) , autori: Srđan Kolaković i Slaviša Trajković, Edicija "Tehničke nauke", Fakultet tehničkih nauka – Novi Sad i Građevinskoarhitektonski fakultet u Nišu (zajednički udžbenik na dva fakulteta), ISBN I86-789-002-5, 626.86(075.8) 335 strana.
<b>2</b>	O PRELIVIMA UZ NASUTE BRANE, (monografija) , G.Hajdin, S.Kolaković, L.Hovanj, Đ.Fabian, Građevinski fakultet - Subotica, 1998., ISBNI 86-80297-22-4 Naučna knjiga i monografija nacionalnog značaja
<b>Journal Articles</b>	
<b>1</b>	Trajkovic, S., Kolakovic, S.: Evaluation of Reference Evapotranspiration Equations under Humid Conditions, Water Resources Management, 2009, vol. 23 br. 14, str. 3057-3067 UDK: doi: 10.1007/s11269-009-9423-4

<b>2</b>	Trajkovic, S., Kolakovic, S.: Comparison of Simplified Pan-Based Equations for Estimating Reference Evapotranspiration, Journal of Irrigation and Drainage Engineering, American Society of Civil Engineers (ASCE), 136(2), 137-140, 2010., ISSN 0733-9437
<b>3</b>	Trajkovic S., Kolakovic S., Estimating Reference Evapotranspiration Using Limited Weather Data, Journal of Irrigation and Drainage Engineering -ASCE, Vol. 135, Number 4. str. 443-449 ISSN 0733-9437, 2009.
<b>4</b>	Trajkovic S., Kolakovic S., Wind-adjusted Turc equation for estimating reference evapotranspiration at humid European locations, Hidrology Research (formerly Nordic Hidrology), 2009, Vol. 40, No. 1, str. 45- 52, ISSN 0029-1277.
<b>5</b>	Stipic M., Prodanovic D., Kolakovic S., Rationalization and reliability improvement of fire fighting systems in big cities, Urban Water, 008, vol. 6 br. 2, str. 169-181, ISSN 1462-0758.
<b>6</b>	Kolakovic S., Stevanovic D., Milićević D., Trajković S., Milenković S., Kolaković S.S., Anđelković Lj.: EFFECTS OF REACTIVE FILTERS BASED ON MODIFIED ZEOLITE IN DAIRY INDUSTRY WASTEWATER TREATMENT PROCESS, Chemical Industry & Chemical Engineering Quarterly, DOI:10.2298/CICEQ120629092K
<b>7</b>	Kolakovic S., Fabian Đ., Santrac P.; STATE OF CHANNEL BEGA 300 YEARS AFTERWARD ITS COMPLETION, Workshop on the Bega Channel, Subotica 19-21 october 2001

**No.5**

<b>Name and surname:</b>	Tatjana Kočetov-Mišulić
<b>Academic or scientific title:</b>	Assistant Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	Actions on Structures	Civil Engineering, BSc
2	Concrete Structures	Civil Engineering, BSc
3	Timber Structures	Civil Engineering, BSc
4	Fundamentals in Civil Engineering	Geodesy and Geomatics, BSc
5	Bearing structures 1	Architecture, BSc
6	Basics of design in civil engineering structures	Civil Engineering, BSc
7	Masonry structures	Civil Engineering, BSc
8	Concrete structures - Hydrotechnics	Civil Engineering, BSc
9	Concrete structures - Roads	Civil Engineering, BSc
10	Special Timber Structures	Civil Engineering, MSc
11	Damages and Repair of Masonry, Steel and Timber Structures	Civil Engineering, MSc
12	Assessment of Damaged Structures	Disaster Risk Management and Fire Safety, MSc
13	Complex Timber Structures	Digital Techniques, Design and Production in Architecture and Urban Planning, MSc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Assessment of Damaged Structures

**Research and scholarly output**

Books, monographs and chapter in books and monographs	
1	Kočetov Mišulić T., Dujić B., Gramatikov K., Žarnić R.: Influence of the loading protocols on the Hysteresis response of sheathing to framing nailed joints in shear walls, COST E29 and University of Coimbra, Portugal, 2006, str. 135-142
2	Borislav Z., Kočetov Mišulić T.: Low-rise wood buildings produced in Yugoslavia, London, RILEM TC109TSA, USA National Science Foundation, North Carolina State University, NC 27695-7908 , 1991, str. 1-20
3	Zakić, B., Kočetov Mišulić, T., Čakić, B. (1998): "Montažne drvene kuće u svetu i kod nas". Univerzitet u Prištini, Priština, SRJ, 105 str.
Journal Articles	
1	Maoduš N., Agarski B., Kočetov Mišulić T., Budak I., Radeka M.: Life cycle and energy performance assessment of three wall types in South-Eastern Europe region, Energy and Buildings, 2016, Vol. 113, pp. 605-614, ISSN 0378-7788
2	Glišović I., Stevanović B., Kočetov Mišulić T.: Embedment test of wood for dowel-type fasteners, Wood Research, 2012, Vol. 57, No 4, pp. 639-650, ISSN 1336-4561
3	Manojlović D., Kočetov Mišulić T.: Analysis and modelling composite timber-concrete systems: Design of bridge structure according to EN, Građevinski materijali i konstrukcije, 2016, Vol. 4, No 59, pp. 47-74, ISSN 2217-8139, UDK: 624.21.011.1
Conference Papers	

<b>1</b>	Manojlović D., Kočetov Mišulić T.: Rational choice of elements' proportions in timber - concrete composite systems, 8. Simpozijum 2016 Društva građevinskih konstruktera Srbije, Zlatibor: Društvo građevinskih konstruktera Srbije Beograd, Bulevar kralja Aleksandra 73/I, 15-17 Septembar, 2016, pp. 527-536, ISBN 978-86-7892-839-0
<b>2</b>	Manojlović D., Kočetov Mišulić T.: Slip modulus in wood-concrete composites: Practical estimation for modelling, 3. Savremena dostignuća u građevinarstvu, Subotica: Univerzitet u Novom Sadu, Građevinski fakultet Subotica, 24 April, 2015, pp. 253-259, ISBN 978-86-80297-62-0, UDK: 624.011.6
<b>3</b>	Kočetov Mišulić T., Manojlović D.: Analysis of wind action on arch glulam timber bridges with composite concrete deck according to EN 1991-1-4 and EN 1995-2, 16. International Symposium MASE, Ohrid: MASE - Macedonian Association of Structural Engineers Faculty of Civil Engineering, 1-3 Oktobar, 2015, pp. 421-430, ISBN 608-4510-24-8
<b>4</b>	Kočetov Mišulić T., Manojlović D.: Modeling of composite timber-concrete system with inclined cross screws, 13. iNDiS, Novi Sad: Department of Civil Engineering and Geodesy - Faculty of Technical Sciences Novi Sad, 25-27 Novembar, 2015, pp. 51-59, ISBN 978-86-7892-750-8, UDK: 624.041
<b>5</b>	Kočetov Mišulić T., Manojlović D., Rašeta A.: Seismic analysis of composite glulam-concrete arch bridge according EN 1998:1&amp;gt;2, 6. Građevinarstvo - nauka i praksa, Žabljak: Univerzitet Crne Gore, Građevinski fakultet, 7-11 Mart, 2016, pp. 537-544, ISBN 978-86-82707-30-1
<b>6</b>	Laban M., Milanko V., Kočetov Mišulić T., Draganić (Vukoslavče S.: FIRE STATISTICS AND RISK ANALYSIS IN WOODEN BUILDING STRUCTURES IN SERBIA, 8. Wood & Fire Safety International Scientific Conference, Štrbske Pleso: EDIS - publishing center of The University of Žilina, 8-12 Maj, 2016, pp. 151-164, ISBN 978-80-554-1201-6
<b>7</b>	Maoduš N., Radeka M., Kočetov Mišulić T.: ENERGY RELATED ASPECTS OF TYPICAL RESIDENTIAL BUILDINGS IN SERBIA, 5. Građevinarstvo nauka i praksa, Žabljak: Univerzitet Crne Gore - Gradjevinski fakultet Podgorica, 17-21 Februar, 2014, pp. 1625-1632, ISBN 978-86-8277--23-3

**No.6**

<b>Name and surname:</b>	<b>Milan Trivunić</b>
<b>Academic or scientific title:</b>	Full Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Project and Construction Management 1	Architecture, BSc
<b>2</b>	Technology and Building Organization 1	Civil Engineering, BSc
<b>3</b>	Technology and Building Organization in Hydrotechnics	Civil Engineering, BSc
<b>4</b>	Technology and Building Organization 2	Civil Engineering, BSc
<b>5</b>	Precasting and Assembly Technology	Civil Engineering, BSc
<b>6</b>	Safety at work in construction	Safety at Work, BSc
<b>7</b>	Management of safety at work process in construction	Safety at Work, BSc
<b>8</b>	Project and Building Management 2	Architecture, MSc
<b>9</b>	Professional Practice	Civil Engineering, MSc
<b>10</b>	Industrial Methods in Construction	Civil Engineering, MSc
<b>11</b>	System Theory and System Analysis	Civil Engineering, MSc
<b>12</b>	Planning and organizing activities during events with catastrophic consequences	Disaster Risk Management and Fire Safety, MSc
<b>13</b>	Selected Chapters in Construction Management	Civil Engineering, PhD
<b>14</b>	Advanced Building Technologies	Civil Engineering, PhD
<b>15</b>	State and development trends of health and safety at work in the construction	Safety at Work, PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Constructions works management in settlement reconstruction
<b>2</b>	Financial resilience to hazards

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Trivunić, M., Matijević, Z. (2004, 2006): Tehnologija i organizacija građenja. Praktikum, Univerzitet u Novom Sadu, Fakultet tehničkih nauka, Edicija tehničke nauke, br. 96 i br. 126, Novi Sad, str. 1-199.
<b>Journal Articles</b>	
<b>1</b>	Vuković, S., Trivunić, M. (1995): "Site management and production analysis of concrete hall assembly". The International Journal of Research, Development and Demonstration "Building Research and Information", Volume 23, Number 1, E. and F.N. Spon, UK, pp. 55-59.
<b>2</b>	Trivunić, M., Folić, R. (1999): "Proračun ankera i užadi za zahvatanje montažnih betonskih elemenata". "Izgradnja", br. 53, 6/99, str. 148-157.
<b>3</b>	Trivunić, M. (2001): "Tehnologija i organizacija nadgradnje zgrada". "Materijali i konstrukcije", br. 1-2, Beograd, str. 56-60.
<b>4</b>	Ćirović G., Radonjanin V., Trivunić M., Nikolić D.: Optimization of UHPFRC Beams Subjected to Bending Using Genetic Algorithms, Journal of Civil Engineering and Management, 2014, Vol. 20, No 4, pp. 527-536, ISSN 1392-3730

<b>5</b>	Dukić D., Trivunić M., Starčev-Ćurčin A.: Computer-aided building maintenance with "BASE-FM" program, Automation in Construction, 2013, No 30, pp. 57-69, ISSN 0926-5805, UDK: 10.1016/j.autcon.2012.10.001
<b>6</b>	Peško I., Trivunić M., Goran Ć., Mučenski V.: A Preliminary Estimate of Time and Cost in Urban Road Construction Using Neural Networks, Tehnicki vjesnik - Technical Gazette, 2013, Vol. 20, No 3, pp. 563-570, ISSN 1330-3651, UDK: UDK 658.5.012.2:004.032.26]&gt;625.712.05
<b>7</b>	Mučenski V., Peško I., Trivunić M., Ćirović G., Dražić J.: Identification of Injury Risk in Building Construction - Education, Experience and Type of Works, Tehnicki vjesnik - Technical Gazette, 2013, Vol. 20, No 6, pp. 1011-1017, ISSN 1330-3651, UDK: 331.463:69]:311.313(497.113)
<b>8</b>	Mučenski V., Trivunić M., Ćirović G., Peško I., Dražić J.: Estimation of Recycling Capacity of Multi-storey Building Structures Using Artificial Neural Networks, Acta Polytechnica Hungarica, Journal of Applied Sciences, 2013, Vol. 10, No 4, pp. 175-192, ISSN 1785-8860, UDK: 10.12700/APH.10.04.2013.4.11
<b>9</b>	Harmati N., Jakšić Ž., Trivunić M., Bulatović V.: Rising damp analysis and selection of optimal handling method in masonry construction, Periodica Polytechnica - Civil Engineering, 2014, Vol. 58, No 4, pp. 431-444, ISSN 0553-6626

#### Conference Papers

<b>1</b>	Trivunić, M. (1997): "An Expert System for The Optimization of Prefabricated Concrete Hall Element Assembly". CIB W-24 International Seminar on Industrialization Building: Present State and Future Trends, Haifa, Israel, pp. E-1-E-11.
<b>2</b>	Trivunić, M. (1999): "PRIMATES-An Expert System For Selecting The Optimal Hall Assembly Method". 16th IAARC/IFAC/IEEE International Symposium an Automation and Robotics in Construction, Madrid, Spain, pp. 173-179.
<b>3</b>	Trivunić, M., Dražić, J. (2000): "The optimization of prefabricated concrete hall element production". Međunarodna konferencija "Građevinarstvo-građevinski menadžment 2000" – Nemzetközi konferencia "ÉPÍTÖIPAR – ÉPÍTÉSI MENEDZSMENT 2000", Budapest, pp. 109-116.
<b>4</b>	Matijević, Z., Trivunić, M. (2006): "Adaption of Benchmarking for The Application in The Hybrid method for Improving The Performances of A Company", International Conference VSU"2006, 22 may - 23 may, 2006, Sofia, Bulgaria, Vol II, pp. V-1 - V-6.
<b>5</b>	Matijević, Z., Trivunić, M. (2006): "Transformation of the Organisational Structure of Construction Companies for the Purpose of Mass Customization", Adaptables2006, TU/e, International Conference On Adaptable Building Structures Eindhoven, The Netherlands, 03-05 July 2006, Volume 1, pp.3-232 - 3-236.

No.7

<b>Name and surname:</b>	<b>Đorđe Ćosić</b>
<b>Academic or scientific title:</b>	Assistant Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Role and Importance of Prevention in Risk Reduction	Disaster Risk Management and Fire Safety, BSc
<b>2</b>	Risks in Manipulating Hazardous Substances	Disaster Risk Management and Fire Safety, BSc
<b>3</b>	Disasters and Vulnerability	Disaster Risk Management and Fire Safety, BSc
<b>4</b>	Cycle Elements of Catastrophic Events	Disaster Risk Management and Fire Safety, BSc
<b>5</b>	Fundamentals of Risk and Fire Protection Management	Disaster Risk Management and Fire Safety, BSc
<b>6</b>	Risk Management and insurance	Engineering Management, BSc
<b>7</b>	Insurance for traffic and transport	Traffic and Transport Engineering, BSc
<b>8</b>	Basic principles of insurance	Disaster Risk Management and Fire Safety, BSc
<b>9</b>	Selected chapters in enterprise's design, organization and control	Industrial Engineering, Specialised Acad. Studies Engineering Management, Specialised Acad. Studies
<b>10</b>	Basic insurance	Engineering Management, Specialised Professional Studies
<b>11</b>	Insurance risks	Engineering Management, Specialised Professional Studies
<b>12</b>	Integrated Natural Disaster Risk Management	Disaster Risk Management and Fire Safety, MSc
<b>13</b>	Methods for the analysis of insurance risk	Engineering Management, MSc
<b>14</b>	Disaster risk management cycle	Engineering Management, MSc
<b>15</b>	Management of strategic and operational risks of insurance companies	Mathematics in Engineering, MSc
<b>16</b>	Loss Assessment	Mathematics in Engineering, MSc Engineering Management, MSc
<b>17</b>	Selected Topics in Risk Management and Insurance Management	Engineering Management, Specialised Acad. Studies
<b>18</b>	Environmental hazards	Water Treatment and Safety Engineering – TEMPUS, MSc
<b>19</b>	Science of Industrial Engineering and Management	Industrial Engineering / Engineering Management, PhD
<b>20</b>	Selected Topics in Risk Management and Insurance Management	Industrial Engineering / Engineering Management, PhD
<b>21</b>	Selected topics in the field of insurance from the standpoint of safety and health at work	Safety at work, PhD

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Integrated Natural Disaster Risk Management
2	Protection and Rescue Plans
3	Professional practice

#### Research and scholarly output

Journal Articles	
1	Pečujlija M., Ćosić Đ.: An Orthodox Christian Reflection: Genetic Enhancement Must not be the Creation Primacy Problem between Man and God, <i>The American Journal of Bioethics</i> , 2010, Vol. 10, No 4, pp. 78-80, ISSN 1526-5161
2	Pečujlija M., Ćosić Đ., Bojanić R., Radišić S., Ivanović G., Delić Z.: Employees' Attitudes Towards Company Privatization as Possible Predictors of a High Performance Working System, <i>African Journal of Business Management</i> , 2011, Vol. 5, No 3, pp. 1663-1672, ISSN 1993-8233
3	Ćosić Đ., Popov S., Sakulski D., Pavlović A.: Geo-Information Technology for Disaster Risk Assessment, <i>Acta Geotechnica Slovenica</i> , 2011, Vol. 8, No 2011/1, pp. 64-74, ISSN 1854-0171
4	Pečujlija M., Azemović N., Azemović R., Ćosić Đ.: Leadership and productivity in transition: employees view in Serbia, <i>Journal for East European Management Studies</i> , 2011, Vol. 16, No 3, pp. 251-263, ISSN 0949-618
5	Njegomir V., Ćosić Đ.: Ekonomске implikacije klimatskih promena na sektor osiguranja i reosiguranja, <i>Teme</i> , 2012, Vol. 36, No 2, pp. 679-701, ISSN 0353-7919

**No.8**

<b>Name and surname:</b>	<b>Mladen Pečulija</b>
<b>Academic or scientific title:</b>	Assistant Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Selected Chapters in Psychology	Disaster Risk Management and Fire Safety, BSc
<b>2</b>	Engineering Ethics	Engineering Management, BSc
<b>3</b>	The theory and practice of organizational socialization	Engineering Management, BSc
<b>4</b>	Research Methodology for Human Resources 1	Engineering Management, BSc
<b>5</b>	Organizational socialization	Engineering Management, BSc
<b>6</b>	Value management	Engineering Management, BSc
<b>7</b>	Ethical and legal aspects of human resources	Engineering Management, Specialised Professional Studies
<b>8</b>	Ethics in Education	Engineering Management, Specialised Professional Studies
<b>9</b>	Cognitive Management	Engineering Management, Specialised Acad. Studies
<b>10</b>	Data acquisition, analysis and interpretation 2	Engineering Management, Specialised Acad. Studies
<b>11</b>	Audiovisual and media production	Engineering Management, Specialised Professional Studies
<b>12</b>	Crisis Management	Disaster Risk Management and Fire Safety, MSc
<b>13</b>	Qualitative and quantitative methods of risk management	Disaster Risk Management and Fire Safety, MSc
<b>14</b>	Human Resources Research Methodology 2	Engineering Management, MSc
<b>15</b>	Personnel Management	Energy Management, MSc Engineering Management, MSc
<b>16</b>	Selected Chapters from Human Resource Management	Engineering Management, Specialised Acad. Studies
<b>17</b>	Data acquisition, analysis and interpretation 1	Engineering Management, Specialised Acad. Studies
<b>18</b>	Cognitive Management	Industrial Engineering / Engineering Management, PhD
<b>19</b>	Data acquisition, analysis and interpretation 2	Industrial Engineering / Engineering Management, PhD
<b>20</b>	Selected Chapters from Human Resource Management	Industrial Engineering / Engineering Management, PhD
<b>21</b>	Data acquisition, analysis and interpretation 1	Industrial Engineering / Engineering Management, PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Crisis Management

**Research and scholarly output**

Journal Articles	
<b>1</b>	Pečujlija M., Ćosić Đ.: An Orthodox Christian Reflection: Genetic Enhancement Must not be the Creation Primacy Problem between Man and God, <i>The American Journal of Bioethics</i> , 2010, Vol. 10, No 4, pp. 78-80, ISSN 1526-5161
<b>2</b>	Pečujlija M., Azemović N., Azemović R., Ćosić Đ.: Leadership and productivity in transition: employees view in Serbia, <i>Journal for East European Management Studies</i> , 2011, Vol. 16, No 3, pp. 251-263, ISSN 0949-618
<b>3</b>	Pecujlija, M., Culibrk, D. (2012). Why we believe the computer when it lies. <i>Computers in Human Behavior</i> , 28, 143-152
<b>4</b>	Pecujlija, M., Cosic, I., Ivanisevic, V. (2011). A Professor's Moral Thinking at the Abstract Level vs The Professor's Moral Thinking in the Real Life Situations. <i>Science and Engineering Ethics</i> , 17, 2, 299-320
<b>5</b>	Radlovacki, V., Beker, I., Majstorovic, V., Pecujlija, M., Stanivukovic, D., Kamberovic, B. (2011). Quality managers' estimates of quality management principles application in certified organisations in transitional conditions - is Serbia close to TQM? <i>Journal of Mechanical Engineering</i> , 57, 11, 851-861
<b>6</b>	Jovanovic, R, Radlovacki, V, Pecujlija, M, Kamberovic, B, Delic, M, Grujic, J. (2012). Assessment of blood donors' satisfaction and measures to be taken to improve quality in transfusion service establishments. <i>MEDICINSKI GLASNIK</i> 9, 2, 231-238
<b>7</b>	Pecujlija, M., Nerandzic, B., Perovic, V., Jevtic, A., Simic, N. (2010). Initiating innovations in Serbian companies organizational cultures. <i>African Journal of Business Management</i> , 18, 4, 3957-3967
<b>8</b>	Pecujlija, M. et al (2010). "Employees' Attitudes Toward Company Privatization as Possible Predictors of a High-Performance Work System", <i>African Journal for Business and Management</i> . 5, 5, 1663-1672
<b>9</b>	Jokic, S, Cosic, I, Sajfert, Z, Pecujlija, M, Pardanjac, M. (2012) Schools as Learning Organizations: Empirical Study in Serbia. <i>METALURGIA INTERNATIONAL</i> , 17, 2, 83-89

**No.9**

<b>Name and surname:</b>	Neda Pekarić-Nadž
<b>Academic or scientific title:</b>	Full Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Fundamentals of Electrical Engineering	Computing and Control Engineering, BSc Power Software Engineering, BSc
<b>2</b>	Electrical Engineering in Industrial Engineering	Geodesy and Geomatics, BSc
<b>3</b>	Fundamentals of Electrical Engineering 1	Power, Electronic and Telecommunication Engineering, BSc
<b>4</b>	Fundamentals of Electrical Engineering 2	Power, Electronic and Telecommunication Engineering, Bsc
<b>5</b>	Fundamental electrical engineering	Industrial Engineering, BSc Clean Energy Technologies, BSc
<b>6</b>	Control of technical systems	Industrial Engineering, BSc
<b>7</b>	Fundamentals of technical systems control	Engineering Management, Mechanization and Construction Engineering, BSc
<b>8</b>	Introduction to electrical engineering	Disaster Risk Management and Fire Safety, BSc
<b>9</b>	Selected Chapters on Electromagnetic Compatibility	Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
<b>10</b>	Selected chapters in electromagnetics	Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
<b>11</b>	Fire and Explosion Protection due to Electricity	Disaster Risk Management and Fire Safety, MSc
<b>12</b>	Selected Chapters on Electromagnetic Compatibility	Power, Electronic and Telecommunication Engineering, PhD
<b>13</b>	Selected Chapters in Electromagnetics	Power, Electronic and Telecommunication Engineering, PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Fire and Explosion Protection due to Electricity

**Research and scholarly output**

<b>Journal Articles</b>	
<b>1</b>	Neda Pekarić-Nadj, Vera Bajović, "Izbor rešenih problema iz Osnova elektrotehnike", Gradjevinska knjiga, Beograd, 2007
<b>2</b>	Nikolajević S, Pekarić-Nadj N, Dimitrijević R, "Optimization of cable terminations", IEEE Trans. PWRD, Vol.12, No 2, 1997 p.p. 527-532
<b>3</b>	Nikolajević S, Pekarić-Nadj N, Dimitrijević R, "A new concept in construction of cable terminations for medium voltages", IEEE Trans. Power Delivery, Volume 13, No. 3, July 1998, p.p. 712-718
<b>4</b>	Šećerov Sokolović R., Sokolović S., Mihajlović Đ., Gelei T., Pekarić Nadž N., Šević S.: Effect of pulsed electromagnetic field on crude oil rheology, Industrial and Engineering Chemistry Research, 1998, Vol. 37, No 12, pp 4828-4834, ISSN 0888-5885

**5**

Dimitrijević R., Tasić D., Raičević N., Aleksić S., Pekarić Nađ N.: Analysis of a MV XLPE Cable Termination Design with Embedded Electrodes, Facta universitatis - series: Electronics and Energetics, 2010, Vol. 23, No 1, pp. 99-117, ISSN 0353-3670

**No.10**

<b>Name and surname:</b>	<b>Anamarija Juhas</b>
<b>Academic or scientific title:</b>	Assistant Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Electromagnetics	Power, Electronic and Telecommunication Engineering, Bsc
<b>2</b>	Fundamental electrical engineering	Power Engineering - Renewable Sources of Electrical Energy, BSc
<b>3</b>	Electrical Engineering in Industrial Engineering	Geodesy and Geomatics, BSc
<b>4</b>	Electrical Engineering and Electric Machines	Mechanization and Construction Engineering, BSc Energy and Process Engineering, BSc Technical Mechanics and Technical Design, BSc Production Engineering, BSc Traffic and Transport Engineering, BSc Postal Traffic and Telecommunications, BSc
<b>5</b>	Electrical Engineering, Environment and Protection	Safety at Work, BSc Environmental Engineering, BSc
<b>6</b>	Fundamental electrical engineering	Industrial Engineering, BSc Clean Energy Technologies, BSc
<b>7</b>	Introduction to electrical engineering	Disaster Risk Management and Fire Safety, BSc
<b>8</b>	Selected Chapters on Electromagnetic Compatibility	Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
<b>9</b>	Selected chapters in electromagnetics	Power, Electronic and Telecommunication Engineering, Specialised Academic Studies
<b>10</b>	Electro Magnetic Energy	Power, Electronic and Telecommunication Engineering, MSc
<b>11</b>	Fieldbuses and protocols	Mechatronics, MSc
<b>12</b>	Selected Chapters on Electromagnetic Compatibility	Power, Electronic and Telecommunication Engineering, PhD
<b>13</b>	Selected Chapters in Electromagnetics	Power, Electronic and Telecommunication Engineering, PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Fire and Explosion Protection due to Electricity

**Research and scholarly output**

<b>Journal Articles</b>	
<b>1</b>	A. Juhas, L. A. Novak, "Comments on "Class-E, Class-C, and Class-F power amplifier based upon a finite number of harmonics",", IEEE Transactions of Microwave Theory and Techniques, vol. 57, no. 6, pp. 1623-1625, June 2009. ISSN 0018-9480.
<b>2</b>	A. Juhas, L. A. Novak,S Kostić, "Signals with Flattened Extrema in Balance Power Analysis of HFHPTA: Theory and Applications", IEEE Transactions on Broadcasting, vol. 47, no. 1, pp.38-45, 2001. ISSN 0018-9316
<b>3</b>	S. Kostić, L. A. Novak, A. Juhas, "Increasing Efficiency and Output Power of HFHPTA by Injection of Two Harmonics", IEEE Transactions on Broadcasting, vol. 47, no. 1, pp.32-37, 2001. ISSN 0018-9316

<b>4</b>	D. Herceg, A. Juhas, M. Milutinov, "A design of a four square coil system for a biomagnetic experiment," Facta universitatis - series: Electronics and Energetics, 2009, Vol. 22, No 3, pp. 285-292. ISSN 0353-3670
<b>5</b>	L. A. Novak, A. Juhas, "O broju maksimuma u dvočlanim složenoperiodičnim funkcijama: krive katastrofa", Elektrotehnika, br. 1-2, pp. E7-E10, 1994.
<b>Conference Papers</b>	
<b>1</b>	A. Juhas, M. Milutinov, M. Prša, "Magnetic field of multi-line power system", Scientific bulletin of the "Politehnica" University of Timisoara, Proceedings of the 7th Int. Power Systems Conf., Timisoara, Romania, 22-23 Nov. 2007, Tom 52, pp. 319-328. ISSN 1582-7194
<b>2</b>	M. Milutinov, A. Juhas, M. Prša, "Electric and magnetic field in vicinity of overhead multi-line power system", Acta Electrotehnica, Proceedings of the 2nd Int.I Conf. on Modern Power Systems MPS 2008, Cluj-Napoca, Romania, 12-14 Nov.r 2008, pp. 313-316. ISSN 1841-3323.
<b>3</b>	A. Juhas, M. Milutinov, N. Pekarić-Nađ, "Iskustva u primeni nacionalnih pravilnika o nejonizujućim zračenjima", Telekomunikacije, No 7, pp. 70-77, 2011. ISSN 1820-7782
<b>4</b>	A. Juhas, M. Milutinov, D. Herceg, M. Prša, N. Pekarić-Nađ, "Uredaj za generisanje homogenog magnetskog polja kontrolisanog intenziteta za potrebe biomagnetskih ekspreimenata", Tehničko rešenje, decembar 2010.
<b>5</b>	A. Juhas, N. Pekarić-Nađ, D. Herceg, "Estimation of Human Exposure to Combined RF EM Field of Multiple Antennas," Proceedings of International PhD Seminar on computational electromagnetics and optimization in electrical engineering – CEMOEE 2010, Sofia, Bulgaria, 10-13 Sep., 2010, pp. 27-31, ISBN 978-954-438-856-0

**No.11**

<b>Name and surname:</b>	<b>Miroslava Radeka</b>
<b>Academic or scientific title:</b>	Full Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Materials in Construction 1	Civil Engineering, BSc
<b>2</b>	Materials in Construction 2	Civil Engineering, BSc
<b>3</b>	Finishing Operations and Installation in Facilities	Civil Engineering, BSc
<b>4</b>	Building materials and structures	Disaster Risk Management and Fire Safety, BSc
<b>5</b>	Building and Environment	Environmental Engineering, BSc
<b>6</b>	Energy Efficiency and Certification of Buildings	Energy Efficiency in Buildings, Specialised Academic Studies
<b>7</b>	Special topics of building physics and thermodynamics	Energy Efficiency in Buildings, Specialised Academic Studies
<b>8</b>	Selected chapters from the energy efficiency of buildings	Geodesy and Geomatics, Specialised Academic Studies
<b>9</b>	Selected Chapters in Science on Materials	Civil Engineering, MSc
<b>10</b>	Energy Efficiency of Construction Structures	Civil Engineering, MSc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Investigation of Fire and Explosion

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Praktikum sa zbirkom rešenih zadataka za VEŽBE iz predmeta MATERIJALI U GRAĐEVINARSTVU 1, 2008
<b>Journal Articles</b>	
<b>1</b>	Đurić, M., Ranogajec, J., Marinković-Nedučin, R., Živanović, B. (1995): Compaction Mechanism as the Function of Atomised Powder Particle Size. Ceramics International, Vol. 21, No. 4, pp. 249-255.
<b>2</b>	Đurić, M., Marinković-Nedučin, R., Ranogajec, J., Radeka, M. (1995): Particle Size as a Factor Influencing Compressibility of Ceramic Powder. Ceramics International, Vol. 21, No. 4, pp. 227-230.
<b>3</b>	Đurić, M., Ranogajec, J., Radeka, M., Marinković-Nedučin, R. (1995): Deformation Stress Analysis on Ceramic Powders with Variable Particle Size Range. J. Can. Cer. Soc., Vol. 64, No. 4, pp.7-12.
<b>4</b>	Đurić, M., Ranogajec, J., Radeka, M., Živanović, B. (2000): Influence of Amorphous Phase Quantity on some Characteristics of Sintered Ceramic Tiles. . J. Can. Cer. Soc., Vol.68, No.2., pp. 52-57.
<b>5</b>	Ranogajec, J., Đurić, M., Radeka, M., Jovanović P. (2000): Influnce of Particle Size and Furnace Atmosphere on the Sintering of Powder for Tiles Production. Ceramics Silikaty, Vol. 44, No.2., pp.71-77.

<b>6</b>	Radeka, M., Đurić, M., Ranogajec, J., Živanović, B. Petrašinović-Stojkanović Lj. (2000): Transport Characteristics of Ceramic Particles During Compaction. <i>cfi/Ber. DKG</i> , Vol.77, No.4, pp. 24-29.
<b>7</b>	Radeka, M., Ranogajec, J., Marinković-Nedučin, R., Kiurski, J. (2003): Texture Modeling of Ceramic Roofing Tile Systems as a Means of Improving Frost Resistance Characteristics, <i>Tile&amp;Brick International</i> , Vol.19, No.2, pp.86-93.
<b>8</b>	Jonjaua Ranogajec, Sinisa Markov, Jelena Kiurski, Miroslava Radeka, Vilma Ducman, Microbial Deterioration of Clay Roofing Tiles as Function of the Firing Temperature, <i>J. Am. Ceram. Soc.</i> 91 (11) 3726-3731 (2008).
<b>9</b>	Ducman, V., Škapin Sever, A., Radeka, M., Ranogajec, J., Frost resistance of clay roofing tiles: Case study, <i>Ceramics International</i> 37 (2011) 85-91.
<b>10</b>	Radeka, M., Markov, S., Lončar, E., Rudić, O., Vučetić, .S, Ranogajec, J.,(2014) Photocatalytic effects of TiO <sub>2</sub> mesoporous coating immobilized on clay roofing tiles, <i>Journal of the European Ceramic Society</i> , Vol. 34, pp127-136.

**No.12**

<b>Name and surname:</b>	<b>Mitar Jocanović</b>
<b>Academic or scientific title:</b>	Assistant Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Automation of work processes	Mechatronics, BSc
<b>2</b>	Components of technological systems	Mechatronics, BSc
<b>3</b>	Tribology	Energy and Process Engineering, BSc
<b>4</b>	Devices and systems in fire protection	Disaster Risk Management and Fire Safety, BSc
<b>5</b>	Stationary Systems for Fire Extinguishing	Disaster Risk Management and Fire Safety, BSc
<b>6</b>	Mobile Equipment and Fire Extinguishing Equipment	Disaster Risk Management and Fire Safety, BSc
<b>7</b>	Automation of work processes 1	Industrial Engineering, BSc
<b>8</b>	Automation of work processes 2	Industrial Engineering, BSc
<b>9</b>	TRIBOLOGY AND LUBRICATION	Industrial Engineering, BSc
<b>10</b>	Processes and Work Equipment	Industrial Engineering, BSc Engineering Management, BSc
<b>11</b>	Selected Chapters in Hydraulic Systems	Industrial Engineering, Specialised Acad. Studies
<b>12</b>	Trends in Customer Relationship Management	Industrial Engineering, Specialised Acad. Studies Engineering Management, Specialised Acad. Studies
<b>13</b>	Design and Maintenance of Stationary Fire Extinguishing Systems	Disaster Risk Management and Fire Safety, MSc
<b>14</b>	Protection and Rescue Plans	Disaster Risk Management and Fire Safety, MSc
<b>15</b>	Quality and organizational performance	Industrial Engineering, Specialised Acad. Studies Engineering Management, Specialised Acad. Studies
<b>16</b>	Trends in the environmental management systems	Industrial Engineering, Specialised Acad. Studies Engineering Management, Specialised Acad. Studies
<b>17</b>	Selected topics in quality engineering and logistics	Industrial Engineering, Specialised Acad. Studies
<b>18</b>	Selected Topics in Quality Management and Logistics	Engineering Management, Specialised Acad. Studies
<b>19</b>	Selected Chapters in Hydraulic Systems	Industrial Engineering / Engineering Management, PhD
<b>20</b>	Trends in the environmental management systems	Industrial Engineering / Engineering Management, PhD
<b>21</b>	Trends in Customer Relationship Management	Industrial Engineering / Engineering Management, PhD
<b>22</b>	Selected Topics in Quality Management and Logistics	Industrial Engineering / Engineering Management, PhD

<b>23</b>	Selected topics in quality engineering and logistics	Industrial Engineering / Engineering Management, PhD
<b>24</b>	Quality abd organisational performance	Industrial Engineering / Engineering Management, PhD

No.	Potential subjects in new study programme developed within the K-FORCE project
<b>1</b>	Design and Maintenance of Stationary Fire Extinguishing Systems

#### Research and scholarly output

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	V.Savić, M.Jocanović, D.Jurišić: Motorna ulja - o uljima za podmazivanje motora sa unutrašnjim sagorevanjem, IKOS, Novi Sad, 2006.
<b>2</b>	Jocanović M.: AUTOMATIZACIJA PROCESA RADA:Osnove hidrauličnog upravljanja, Novi Sad, Fakultet tehničkih nauka, 2014, str. 1-265, ISBN 978-86-7892-662-4
<b>Journal Articles</b>	
<b>1</b>	Jocanović M., Šević D., Karanović V., Beker I., Dudić S.: Increased Efficiency of Hydraulic Systems Trough Reliability Theory and Monitoring of System Operating Parameters, Strojnicki vestnik - Journal of Mechanical Engineering, 2012, Vol. 58, No 4, pp. 281-288, ISSN 0039-2480
<b>2</b>	V. Savić, D. Knežević, D. Lovrec, M. Jocanović, Velibor Karanović: Determination of Pressure Losses in Hydraulic Pipeline Systems by Considering Temperature and Pressuer, Strojšnik Vestnik-Journal of Mechanical Engineering, 2009, Vol. 55, No. 4, str.237-243, UDK: 621.643, ISSN 0039-2480
<b>3</b>	V.Karanović, M.Jocanović, V.Jovanović: Review of Development Stages in the Conceptual Design of an Electro-Hydraulic Actuator for Robotics, Acta Polytechnica Hungarica, 2014, Vol. 11, No. 5, pp. 59-79, UDK: 621.643, ISSN 1785-8860
<b>4</b>	Knežević D., Milovanović Z., Milašinović A., Jocanović M.: Determination of the Flow Rate Through Long Radial Clearances Inside Hydraulic Components, Engineering and Automation Problems, International Journal, 2012, Vol. 1, No 2, pp. 23-31, ISSN 0234-6206, UDK: 532
<b>5</b>	Jocanović M., Karanović V., Knežević D.: Application of Gear Oils in Food Processing Industry, Acta Technica Corviniensis, 2013, Vol. 1, No 7, pp. 171-174, ISSN 2067-3809
<b>Conference Papers</b>	
<b>1</b>	Savić V., Karanović V., Jocanović M., Knežević D.: Pressure drop in hydraulic pipeline system - Identification of real basis for calculation of mineral hydraulic oil flow, Fluidna tehnika, 2009, Vol. 5, pp. 133-148, ISSN 0353-6114, 5. Fluid Power, Maribor: Mašinski fakultet univerziteta u Mariboru, 17-18 Septembar, 2009, pp. 133-148, ISBN 978-961-248-176-6, UDK: 621.51/.54(063)(082)
<b>2</b>	Jocanović M., Dušan B., Karanović V., Geaverts R.: Industrial Aplication of Automatic Lubrication Systems, 6. Fluid Power, Maribor: Univerzitet v Maribor, Fakultet za strojništvo, 15-16 Septembar, 2011, pp. 409-418, ISBN 978-961-248-290-9, UDK: 621.51/54 (082), 681.523 (082)
<b>3</b>	Orošnjak M., Jocanović M., Karanović V.: Quality Analysis of Hydraulic Systems in Function of Reliability Theory, 27. DAAAM International Symposium on Intelligent Manufacturing and Automation, Mostar, 26-29 Oktobar, 2016
<b>4</b>	Jocanović M., Karanović V., Orošnjak M., Nikolić N., Knežević D.: Lubricating oils for modern automatic transmission of motor vehicles, 3. International Scientific Conference "Conference on Mechanical Engineering Technologies and Applications" - COMETa, Jahorina, 7-9 Decembar, 2016, pp. 451-456, ISBN 978-99976-623-7
<b>5</b>	Jocanović M., Karanović V., Veličković M.: DidacticEquipment for Education of Students in Automated Hydraulic Systems, 6. International Symposium on Industrial Engineering (SIE), Beograd: Faculty of Mechanical Engineering, Belgrade, 24-25 Septembar, 2015, pp. 114-117, ISBN 978-86-7083-864-2, UDK: 005.22(082), 658.5(082), 006.83:338.45(082)

**No.13**

<b>Name and surname:</b>	<b>Erika Malešević</b>
<b>Academic or scientific title:</b>	Full Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Sociology and Economics in Civil Engineering	Civil Engineering, BSc
<b>2</b>	Economics of Civil Engineering	Civil Engineering, BSc
<b>3</b>	Sociology of Work	Civil Engineering, BSc
<b>4</b>	Construction Business and Regulative	Civil Engineering, MSc
<b>5</b>	Management in Construction	Civil Engineering, MSc
<b>6</b>	Management in a Construction Company	Civil Engineering, MSc
<b>7</b>	Selected Chapters in Construction Economy	Civil Engineering, MSc
<b>8</b>	Economics and the environmental protection	Environmental Engineering, MSc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Economic/Financial Resilience to Hazards

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Upravljanje investicijama, Autori: Dr E. Malešević, Đ. Malešević, izd. Proleter, Bečej 2011.
<b>Journal Articles</b>	
<b>1</b>	Analiza rizika investicionih projekta sa ocenom tehničkih faktora profitabilnosti. Privredna izgradnja br.5, Novi Sad, 2001
<b>2</b>	Metodološki problemi ekonomske i društvene ocene investicionih projekata, Izgradnja, br.5.2001 Beograd., str.171-145
<b>3</b>	Primena stabla odlučivanja prilikom donošenja investicione odluke, Računovodstvo, br.6.2002, Beograd, str.14-21., naučni rad
<b>Conference Papers</b>	
<b>1</b>	Malesevic,E.,Trivunic,M.,Mucenski,V., SUCESS ANALYSIS OF THE PROJECT USING THE MODEL OF BALANCED SCOREARD,8th International conference Organization,technology and management inconstruction, Umag,Croatia, 2008, str.31-1 - 31-8,ISBN 95396245-92
<b>2</b>	Dražić,J., Malešević,E., Aleksić,I., (2012):Influence of Life Cycle Costs on the Choice of Optimal Variation of Floor Covering,4-th inernational Conference Civil Engineering – Science and Practice,Zbornik radova,Univerzitet Crne Gore,Građevinski Fakultet u Podgorici,Žabljak,str 2351-2358, ISBN: 978-86-82707-21-9
<b>3</b>	Upravljanje indirektnim troškovima građenja,Autori:Dr E.Malešević,Mr A Segedi,Internacionalni simpozijum iz projekt menažmenta,YUPMA 2006,Zlatibor,Zbornik radova,str.299-304
<b>4</b>	Upravljanje projektima u funkciji menadžmenta poslovnog sistema,Pregledni članak,Zbornik radova,Gf.Subotica,2006
<b>5</b>	Significance of communications in conflicts" decrease in project management,Međunarodna konferenija iz projekt menadžmenta IPMA 2004, Budimpešta
<b>6</b>	Uloga vrednosne analize u vrednovanju investicionih projekta,Internacionalni naučno-stručni skup Građevinarstvo-nauka i praksa,2007,Žabljak,str.873-879

**No.14**

<b>Name and surname:</b>	<b>Matija Stipić</b>
<b>Academic or scientific title:</b>	Assistant Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Devices and systems in fire protection	Civil Engineering, BSc
<b>2</b>	Stationary Systems for Fire Extinguishing	Disaster Risk Management and Fire Safety, BSc
<b>3</b>	Hydraulics 2	Civil Engineering, MSc
<b>4</b>	Design and Maintenance of Stationary Fire Extinguishing Systems	Disaster Risk Management and Fire Safety, MSc
<b>5</b>	Municipal Hydrotechnics	Civil Engineering, BSc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Design and Maintenance of Stationary Fire Extinguishing Systems

**Research and scholarly output**

<b>Journal Articles</b>	
<b>1</b>	Budinski Lj., Fabian J., Stipić M.: Lattice Boltzmann method for groundwater flow in non-orthogonal structured lattices, Computers and Mathematics with Applications, 2015, Vol. 70, pp. 2601-2615
<b>2</b>	Stipić M., Prodanović D., Kolaković S.: Rationalisation and reliability improvement of fire-fighting systems – the Novi Sad case study, 2009, Urban Water Journal, 6 (2), 169-181
<b>3</b>	Budinski Lj., Fabian Đ., Stipić M.: Modeling groundwater flow by lattice Boltzman method in curvilinear coordinates, International Journal of Modern Physics and Computers, 2015, Vol.26, No 2, pp. 1-21. ISSN 0129-1831
<b>4</b>	Kolaković S.S., Fabian Đ., Sandor K., BudinskiLj., Stipić M.: Exploitation of Documented Historical Floods for Achieving Better Flood Defense, Advanced in Meteorology, Volume 2016, ID 2317251, pp. 1-9, ISSN 1687-93909

**No.15**

<b>Name and surname:</b>	<b>Srđan Popov</b>
<b>Academic or scientific title:</b>	Assistant Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Programming Languages and Data Structures	Power, Electronic and Telecommunication Engineering, BSc Measurement and Control Engineering, BSc Computing and Control Engineering, BSc Power Software Engineering, BSc
<b>2</b>	Fundamentals of Information Technologies	Disaster Risk Management and Fire Safety, BSc
<b>3</b>	Applied Information Technologies	Disaster Risk Management and Fire Safety, BSc
<b>4</b>	Application of geoinformation technology in risk management	Disaster Risk Management and Fire Safety, BSc
<b>5</b>	Application of information and satellite technology in risk management	Engineering Management, Specialised Acad. Studies
<b>6</b>	Data Compression	Computing and Control Engineering, MSc Software Engineering and Information Technologies, MSc
<b>7</b>	Selected Topics in Computer Programming	Computing and Control Engineering, PhD Mechatronics, PhD Mathematics in Engineering, PhD
<b>8</b>	Application of Information and Satellite Technologies in Risk Management	Industrial Engineering / Engineering Management, PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Integrated Natural Disaster Risk Management

**Research and scholarly output**

<b>Journal Articles</b>	
<b>1</b>	Jovčić N., Radonić (Jakšić) J., Turk Sekulić M., Vojinović-Miloradov M., Popov S.: Identification of emission sources of particle- bound polycyclic aromatic hydrocarbons in the vicinity of the industrial zone of the city of Novi Sad DOI: 10.2298/HEMIND120113062J, Hemispa industrija, 2012, ISSN 0367-598X
<b>2</b>	Ćosić Đ., Popov S., Sakulski D., Pavlović A.: Geo-Information Technology for Disaster Risk Assessment, Acta Geotechnica Slovenica, 2011, Vol. 8, No 2011/1, pp. 64-74, ISSN 1854-0171
<b>3</b>	Malbaški D., Kupusinac A., Popov S.: The Impact of Coding Style on the Readability of C Programs, TTEM. Tehnics tehnologije education management, 2011, Vol. 6, No 4, pp. 1073-1082, ISSN 1840-1503
<b>4</b>	Alargić I., Badnjarević I., Vrtunski M., Popov S.: Setting the platform for testing the quality of DTM in the format of DTM-ASCII , 8. IEEE International Symposium on Intelligent Systems and Informatics (SISY), Subotica, , pp. 253-256, ISBN 978-1-4244-7395-3
<b>5</b>	Radonić (Jakšić) J., Jovčić Gavanski N., Ilić M., Popov S., Batić Očovaj S., Vojinović-Miloradov M., Turk Sekulić M.: Emission sources and health risk assessment of polycyclic aromatic hydrocarbons in ambient air during heating and non-heating periods in the city of Novi Sad, Serbia DOI 10.1007/s00477-016-1372-x, Stochastic Environmental Research and Risk Assessment, 2016, ISSN 1436-3240

**No.16**

<b>Name and surname:</b>	Toša Ninkov
<b>Academic or scientific title:</b>	Full Professor
<b>Affiliation:</b>	Faculty of Technical Sciences - Novi Sad

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	Bathymetry	Geodesy and Geomatics, BSc
2	Geodetic Metrology	Geodesy and Geomatics, BSc
3	Utility Information Systems and their Application	Geodesy and Geomatics, BSc
4	Engineering Geodesy	Geodesy and Geomatics, BSc
5	Engineering Geodesy 2	Geodesy and Geomatics, BSc
6	Advanced Techniques in Geodetic Design and Monitoring	Geodesy and Geomatics, BSc
7	Introduction to deformation measurement and analysis	Geodesy and Geomatics, BSc
8	Engineering Geodesy	Civil Engineering, MSc
9	Methods for Precise Geodetic Measurements and Data Processing	Geodesy and Geomatics, MSc
10	Engineering Geodesy 3	Geodesy and Geomatics, MSc
11	Geodesy in City Planning	Geodesy and Geomatics, MSc
12	Geodynamics	Geodesy and Geomatics, MSc
13	Geodetic methods for the determination of geodynamic movements	Disaster Risk Management and Fire Safety, MSc
14	Contemporary recording methods of energy losses of buildings	Energy Efficiency in Buildings, Specialised Academic Studies
15	Deformation analysis and measurements	Geodesy and Geomatics, MSc
16	Application of GNSS systems	Geodesy and Geomatics, MSc
17	Valuation of real estate	Geodesy and Geomatics, MSc
18	Position Based Services	Computing and Control Engineering, MSc
19	Selected topics in engineering geodesy	Geodesy and Geomatics, Specialised Academic Studies
20	Selected Chapters in Real Estate Cadastre	Geodesy and Geomatics, Specialised Academic Studies
21	Selected Chapters in Landscape Arrangement	Geodesy and Geomatics, Specialised Academic Studies
22	Selected topics in deformation measurements and analysis	Geodesy and Geomatics, Specialised Academic Studies
23	Selected topics in geodetic networks and their optimization	Geodesy and Geomatics, Specialised Academic Studies
24	Selected Chapters in the Mass Appraisal of Real Estate	Geodesy and Geomatics, Specialised Academic Studies
25	Selected Chapters in Appraisal	Geodesy and Geomatics, Specialised Academic Studies
26	Selected Chapters in Engineering Geodesy	Geodesy and Geomatics, PhD
27	Selected Chapters in Real Estate Cadastre	Geodesy and Geomatics, PhD
28	Selected Chapters in GNSS Systems	Geodesy and Geomatics, PhD

<b>29</b>	Selected Chapters in Landscape Arrangement	Geodesy and Geomatics, PhD
<b>30</b>	Selected Chapters in Deformation Analysis and Measurements	Geodesy and Geomatics, PhD
<b>31</b>	Selected Chapters in Geodesic Networks and Their Optimization	Geodesy and Geomatics, PhD
<b>32</b>	Selected Chapters in Municipal Information Systems	Geodesy and Geomatics, PhD
<b>33</b>	Selected topics in integrated systems of surveying	Geodesy and Geomatics, PhD
<b>34</b>	Selected topics in geophysics	Geodesy and Geomatics, PhD

No.	Potential subjects in new study programme developed within the K-FORCE project
<b>1</b>	Selected Chapters in Modern Methods of Data Collection and Processing, PhD

#### Research and scholarly output

Books, monographs and chapter in books and monographs	
<b>1</b>	Ninkov, T. (1988): "Optimizacija projektovanja geodetskih mreža" Naučna knjiga, Gradjevinski fakultet, Beograd 1989
<b>2</b>	Ninkov, T. (1982): "A new method of land Surveying networks optimization". Meating of Study Eroup 5 B. Survey Control Networks; Alborg, edited by K. Borre i W.M. Welsch Rep 7 Schriftenreiche Wissenschaftlicher Studiengang Wermessungswesen der Hochschule der Bundeswehr Munchen, pp. 293-300.
<b>3</b>	Lokalne geodetske mreže, izrada topografskih podloga projekta i projekta izvedenog stanja povrsinskih radova i tunela projekta brane Bekhme u Iraku (2005)
<b>4</b>	Izrada ortofoto planova za potrebe projekta Kanalizacione mreže grada Nikozije 2000-2001
<b>5</b>	GIS podzemnih instalacija grada Novog Sada
Journal Articles	
<b>1</b>	Bulatović V., Sušić Z., Ninkov T.: Estimate of the ASTER-GDEM regional systematic errors and their removal, INT J REMOTE SENS, 2012, Vol. 33, No 18, pp. 5915-5926, ISSN 0143-1161
<b>2</b>	Marković M., Bajić J., Vrtunski M., Ninkov T., Vasić D., Živanov M.: Application of fiber-optic curvature sensor in deformation measurement process, Measurement, 2016, Vol. 92, pp. 50-57, ISSN 0263-2241, UDK: doi: 10.1016/j.measurement.2016.06.001
<b>3</b>	Bulatović V., Ninkov T., Malenković V., Vulić M.: Contemporary Methods of Determining Energy Losses in Structures, TTEM. Tehnics tehnologies education management, 2012, Vol. 7, No 2, pp. 687-692, ISSN 1840-1503
<b>4</b>	Sušić Z., Toljić M., Bulatović V., Ninkov T., Stojadinović U.: Present-day Horizontal Mobility in the Serbian Part of the Pannonian Basin; Inferences from the Geometric Analysis of Deformations, Acta Geophysica, 2016, Vol. 64, No 5, pp. 1626-1654, ISSN 1895-6572
<b>5</b>	Sušić Z., Batić M., Ninkov T., Aleksić I., Bulatović V.: Identification of Movements using Different Geodetic Methods of Deformation Analysis, Geodetski vestnik, 2015, Vol. 59, No 3, pp. 537-553, ISSN 0351-0271, UDK: 528.02
<b>6</b>	Toša Ninkov, Three dimensional Adjustment of Local Geodetic Network, Volume 30, Number 234, October 1989 , pp. 169-176(8) Survey Review (1989), (IF 2010 0.373) Source <a href="http://www.ingentaconnect.com/content/maney/sre/1989/00000030/00000234/art00005">http://www.ingentaconnect.com/content/maney/sre/1989/00000030/00000234/art00005</a>
<b>7</b>	Tosa Ninkov, Miro Govedarica, Milan Trifkovic: One Method of Renewal of Stereographics Survey Data in Coka Municipality, Geodetski list: glasilo Hrvatskoga geodetskog društva. 68(88), (2011), 4; (IF 2010 0.038)
<b>8</b>	Vladimir Bulatović, Toša Ninkov, Zoran Sušić: Open Geospatial Consortium Web Services Complex Distribution Systems, Geodetski list, (2009), br 1, str.13-29, (IF 2009 0.167)

# HIGHER TECHNICAL SCHOOL OF PROFESSIONAL STUDIES IN NOVI SAD

No.1

<b>Name and surname:</b>	<b>Branko M. Savić</b>
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

## Teaching

No.	List of subjects	Study programme and the level of the study
1	Printing machines and maintenance	B Appl. Sc
2	Printing	B Appl. Sc
3	Fundamentals of mechanical engineering	B Appl. Sc
4	Printing preparation	B Appl. Sc
5	Reliability and maintenance of technical systems	Spec. B Appl. Sc
6	Digital preparation and printing	Spec. B Appl. Sc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Risk management in protection

## Research and scholarly output

Books, monographs and chapter in books and monographs	
1	Adamović Ž., Ilić B., Savić B., Jevtić M.: Termografija pouzdana dijagnostička metoda, Novi Sad, Pan Book, 2011, ISBN 978-86-88781-00-8
2	Ilić B., Adamović Ž., Savić B., Paunjorić P.: Automatizovani dijagnostički sistemi električnih mašina, Novi Sad, Srpski akademski centar, 2012, ISBN 978-86-89087-01-7
3	Ilić B., Adamović Ž., Savić B., Ašonja A.: Automatizovani dijagnostički sistemi gasovoda, Novi Sad, Srpski akademski centar, 2012, ISBN 978-86-89087-03-1
4	Ilić B., Adamović Ž., Jevtić M., Savić B.: Automatizovani dijagnostički sistemi komunikacionih uređaja, Novi Sad, Srpski akademski centar, 2012, ISBN 978-86-89087-02-4
5	Savić B., Stanković N., Ilić B.: Pouzdanost tehničkih sistema, Novi Sad, Visoka tehnička škola strukovnih studija, 2013, ISBN 978-86-6211-069-5
6	Savić B., Stanković N., Ilić B.: Održavanje mašina i opreme, Novi Sad, Visoka tehnička škola strukovnih studija, 2013, ISBN 978-86-6211-062-6
Journal Articles	
1	Ilić B., Adamović Ž., Savić B., Stanković N., Primena automatizovanih dijagnostičkih sistema u dijagnostici stanja ležajeva mašina metodom spektralne analize struje statora, časopis Menadžment znanja, vol. 7, No 1-2., 2012., str. 3-12., ISSN 1452-9661 (M23)
2	Janjic N., Nikolic D., Janjic Z., Savic B., Cvetanovic B., Determining optimal values of wear in motor vehicles bearings, Journal of the Balkan Tribological Association, vol. 22, No. 3, Sofia, Bulgaria, 2016., pp. 2083–2094., ISSN 1310-4772 [M23-3]
3	Ilić B., Adamović Ž., Savić B., Janjić N.: Impact of monitoring of tribological processes by IR thermographic inspections on the reliability and energy efficiency of coupled machines, Journal of the Balkan Tribological Association, 2015, Vol. 21, No 4, ISSN 1310-4772 (M23)
4	Blanuša V., Zeljković M., Milislavljević B., Savić B.: Mathematical modeling of thermal behaviour of cylindrical roller bearing for towed railway vehicles, Tehnicki vjesnik - Technical Gazette, 2017, Vol. 24, No 3, pp. 211-217, ISSN 1330-3651 (M23)

<b>5</b>	Savić B., Ilić B., Janjić N.: Comparing the results of different methods of monitoring tribological processes and energy efficiency in the case misalignments of coupled machines, Journal of the Balkan Tribological Association, 2017, Vol. 23, No 3, ISSN 1310-4772 (M23)
<b>6</b>	Savić B., Ilić B., Stanković N.: Tehnologija održavanja i informacione tehnologije, Održavanje mašina, 2011, Vol. 8, No 1-2, pp. 71-78, ISSN 1452-9688
<b>7</b>	Ilić B., Adamović Ž., Savić B.: Unapređenje energetske efikasnosti i pouzdanosti tehničkih sistema zgrada automatizovanim dijagnostičkim ispitivanjima, Naučno-stručni časopis Tehnička dijagnostika, 2014, Vol. 6, No 1-2, pp. 17-24, ISSN 1840-4898
<b>8</b>	Ilić B., Adamović Ž., Savić B.: Razvoj softvera za simulaciju porasta nivoa pouzdanosti elektroenergetskih postrojenja termografskom dijagnostikom, Održavanje mašina, 2015, Vol. 12, No 3-4, ISSN 1452-9688
<b>9</b>	Ilić B., Adamović Ž., Savić B.: Predlog modela automatizovane dijagnostike i zaštite elektroenergetskih sistema, Održavanje mašina, 2016, Vol. 13, No 1-2, ISSN 1452-9688
<b>Conference Papers</b>	
<b>1</b>	Petrović-Gegić A., Ilić B., Savić B.: ANALYSIS OF THE IMPACT OF VARIOUS FACTORS ON THE EFFICIENCY OF THE PHOTOVOLTAIC PANELS, 13. Međunarodni naučno-stručni simpozijum Infoteh-Jahorina, Jahorina, 19-21 Mart, 2014
<b>2</b>	Savić B., Petrović-Gegić A.: CONTRIBUTION TO REDUCTION OF CHEMICAL HAZARDS IN THE WORKPLACE INDUSTRIAL PLANTS, 9. Međunarodno naučno savetovanje: "Rizik i bezbednosni inženjering", Kopaonik, 2-9 Februar, 2014
<b>3</b>	Petrović-Gegić A., Savić B.: UPRAVLJANJE OTPADNIM GUMANA I TEHNOLOGIJE RECIKLAŽE, 9. Međunarodno naučno savetovanje: "Rizik i bezbednosni inženjering", Kopaonik, 2-9 Februar, 2014
<b>4</b>	Savić B., Petrović-Gegić A., Stojanović Lj., Blanuša V.: Development of a model for estimating the amount of waste in the printing industry and its implementation, 14. International Conference on Environmental Science and Technology, CEST 2015, Rhodes, 3-5 Septembar, 2015, ISBN 978-960-7475-52-7
<b>5</b>	Ilić B., Adamović Ž., Savić B.: Proposed model for calculation of reliability wind generators using Monte Carlo simulation method, 1. Međunarodna konferencija o društvenom i tehnološkom razvoju - STED 2015, Banja Luka, 2015
<b>6</b>	Savić B., Ilić B.: Analysis effects IR thermographic diagnostic inspections on reliability and energy efficiency coupled machines, 4. International Congress Engineering, Environment and Materials in Processing Industry, Jahorina, 4-6 Mart, 2015, pp. 168-175, ISBN ISBN 978-99955-81-18
<b>7</b>	Ilić B., Savić B.: Primena fazi logike kao metode veštačke inteligencije u automatizovanoj dijagnostici i zaštiti elektroenergetskih sistema, 2. Međunarodno naučno savetovanje: "Upravljanje znanjem i informatika", Kopaonik, 29-30 Januar, 2016, pp. 73-81, ISBN 978-86-6211-103-6
<b>8</b>	Ilić B., Savić B.: Opasnosti od lutajućih struja u električnim instalacijama po senzore i drugu opremu automatizovane dijagnostike i zaštite elektroenergetskih sistema, 11. Međunarodno naučno savetovanje: "Rizik i bezbednosni inženjering", Kopaonik, 25-27 Januar, 2016, pp. 178-186, ISBN 978-86-6211-102-9
<b>9</b>	Janjić N., Savić B., Ilić B., Janjić Z., Blanuša V.: Predlog tehničkog rešenja za izgradnju male hidroelektrane, 3. Međunarodno naučno savetovanje: "Upravljanje znanjem i informatika", Kopaonik, 13-14 Januar, 2017, pp. 96-101, ISBN 978-86-6211-108
<b>10</b>	Janjić N., Savić B., Ilić B., Janjić Z., Blanuša V.: Rezultati ispitivanja uslova radne okoline u radnim prostorima kompanije „Fabrika hleba i mleka“ d.o.o. – Vranje

**Research interest:**

1. Impact of graphic industry on the environment
2. Risk assessment
3. Automated diagnostic systems

**Professional Activities, Recognition and Other Information**

- President of Conference of academy of applied studies of Serbia (KASSS)
- Member of the Board of European Association of Vocational Education of Europe (EURASH)
- Member of the working group for drafting the Law on High Education

**No.2**

<b>Name and surname:</b>	Verica J. Milanko
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	Preventive fire protection	B Appl. Sc
2	Combustion processes	B Appl. Sc
3	Process devices	B Appl. Sc
4	Fire and explosion protection	B Appl. Sc
5	Fire risk management in technological processes	Spec. B Appl. Sc
6	Fire expertise	Spec. B Appl. Sc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Safety engineering in production processes
2	Fire investigation (elective block 1)

**Research and scholarly output**

Books, monographs and chapter in books and monographs	
1	V. Milanko, Zaštita od požara i eksplozije, Visoka tehnička škola strukovnih studija u Novom Sadu, Novi Sad, 2012.
2	V. Milanko, Tehnološki procesi proizvodnje, Visoka tehnička škola strukovnih studija u Novom Sadu, Novi Sad, 2011. ISBN: 978-86-84853-96-9
3	V. Milanko, Procesni uređaji, Visoka tehnička škola strukovnih studija u Novom Sadu, Novi Sad, 2015. ISBN: 978-86-84853-69-3
4	M. Vidaković, M. Laban; D. Karabasil, V. Milanko, D. Sekulović, Zaštita od požara, praktične vežbe, Visoka tehnička škola strukovnih studija u Novom Sadu, Novi Sad, 2010. ISBN: 978-86-84853-62-4
5	V. Milanko, T. Bozovic, Preventivna zaštita od požara, praktikum za laboratorijske vežbe, Visoka tehnička škola strukovnih studija u Novom Sadu, Novi Sad, 2017.
Journal Articles	
1	Folić R., Laban M., Milanko V.: Reliability and sustainability analysis of large panel residential buildings in Sofia, Skopje and Novi Sad, Facta Universitatis Architecture and Civil Engineering, Vol. 9, No 1, 2011, pp. 161– 176
2	Gavanski D., Milanko V., Krnjetin S., Implementacija ocene sprovedenih mera zaštite od požara u Akt o proceni rizika za zatvoreni tip skladišta drvene građe, ZAŠTITA MATERIJALA, 52(2), 2011., str. 115-122, 2011.
3	Milanko V., Laban M., Gavanski D., Analiza uticaja uslova skladištenja na očuvanje kvaliteta zrna soje i sprečavanje procesa samozagrevanja i pojave požara, UDK 633.34:631.24, Hemijiska industrija 66 (4) 587–594 (2012),
4	Gavanski, D., Milanko, V., Comparative fire risk assesment by matrix and euroalarm methods on the example of wooden pallets production, Monitoring and expertise in safety engineering, Vol. 3, No 1/2013, 2013., pg. 25-36, ISSN 2217-7248, 2013.
5	Kolenkaš I., Ljatković M., Milanko V., Krnić,T., Application of information technologies in fire protection education, Online Journal of Applied Knowledge Management, A Publication of the International Institute for Applied Knowledge Management, Volume 1, Issue 2, 2013, pg. 78-84, ISSN 2325-4688, 2013.
6	Gavanski, D., Korjenić, A., Milanko, V., Fire risk assessment in buildings using fire protection

	software, International Journal of Risk Assessment and Management, Vol. 17, No. 1, 2013., pp. 1-18, DOI: 10.1504/IJRAM.2013.054375, 2013.
<b>7</b>	Mračkova E., Milanko V., Gavanski D., Simendić B., Analysis of the Powdered Material Produced by Processing of Different Wood Samples, Transactions of the VŠB-Technical University of Ostrava, Safety Engineering Series, Vol. VIII, No. 1, pp. 15-21, ISSN 1801-1764, DOI: 10.2478/tvsbses-2013-0003 (Research article), 2013.
<b>8</b>	V. Milanko, V. Marinković, S. Spaić, T. Božović, M. Stepanović, Determination of indicators of thermal degradation of commercially available edible oils in order to determine the risk of fire, International Journal of Chemical and Environmental Engineering, Volume 7, No.3, 2016. pp 152-156
<b>9</b>	S. Spaić, V. Milanko, V. Marinković, T. Božović, V. Miljanić, Determination of BTEX Compounds in the Products of Thermal Treatment of Plum Endocarp, International Journal of Chemical and Environmental Engineering, Volume 7, No.2, 2016. pp 87-92
<b>Conference Papers</b>	
<b>1</b>	Milanko, V., Santrač, B., (2013), Minimalni zahtevi za poboljšanje bezbednog rada u eksplozivnim sredinama, Zbornik radova - knjiga 2, 8. Međunarodno savetovanje Rizik i bezbednosni inženjering, Kopaonik, 2-6 februara 2013., str. 251-257, ISBN 978-86-6211-057-2
<b>2</b>	Kurtović-Folić N., Milanko V., Bogdanov S., Consequences of a wrong decision: Case Study of Chilandar Monastery Great Fire, STRUCTURAL FAULTS& REPAIR-2014, 15th International Conference, Edinburg, Scotland, 9th-10th July 2014, Pdf format pg.9, ISBN No: 0-947664-75-X (Editor: Professor M. C. Forde, PhD), 2014.
<b>3</b>	Milanko V., Spaić S., Marinković V., BTEX Combustion and Pyrolysis Products of Poplar Wood Pellets, International Conference on Advanced Technology & Sciences (ICAT'14), Book of Abstracts, Antalya, Turkey, 12-15 August, 2014, pg. 167
<b>4</b>	Smileski R., Milanko V., Neshkoski Z., Functional dependence of the hazards and measures for fire safety in correlation with the fire load, Book of Proceedings, 4th International Scientific Conference on Safety Engineering and 14th. International Conference Fire and Explosion Protection, Novi Sad, 2-3 october, 2014, pg. 40-45, ISBN 978-86-6211-095-4 (rad po pozivu), 2014.
<b>5</b>	Kurtović-Folić, N., Milanko, V., Bogdanov, S., (2014), Consequences of a wrong decision: Case Study of Chilandar Monastery Great Fire, STRUCTURAL FAULTS& REPAIR-2014, 15th International Conference, Edinburg, Scotland, 9th-10th July 2014, Pdf format pg.9, ISBN No: 0-947664-75-X (Editor: Professor M. C. Forde, PhD)
<b>6</b>	Marinković, V., Milanko, V., Spaić, S., Škrbić, B., BTEX u produktima sagorevanja sveća, Zbornik radova - knjiga 2, 9. Međunarodno savetovanje Rizik i bezbednosni inženjering, Kopaonik, 1-8 februara 2014., str. 237-244, ISBN 978-86-6211-057-2
<b>7</b>	Bjelić, V., Čađenović, V., Milanko, V., (2014) Planiranje mjerazaštite od poplava za opštinsko područje Bara, Zbornik radova - knjiga 2, 9. Međunarodno savetovanje Rizik i bezbednosni inženjering, Kopaonik, 1-8 februara 2014., str. 29-35, ISBN 978-86-6211-057-2
<b>8</b>	V. Milanko, S. Šupić, S. Draganić, S. Milanko, M. Golić, Application of software evacuation modeling for buildings with a large number of occupants, Book of Proceedings, 3rd International Scientific Meeting, E-GTZ 2016, Tuzla, June 02-04, 2016. pp 957-964
<b>9</b>	Borislav Simendić, Verica Milanko, Saša Spaić, Vesna Marinković, Mogućnosti analize morfologije i veličina čestica drvene prašine za određivanje njihovih eksplozivnih osobina, Zbornik radova, 11. Međunarodno savetovanje Rizik i bezbednosni inženjering, Kopaonik, 25-27. januar 2016. str 131-140
<b>10</b>	M. Laban, V. Milanko, T. Kočetov Mišulić, S. Draganić, Fire statistics and risk analysis in wooden building structures in Serbia, International Wood Products Journal, Vol. 8, Issue 2, 2017, Pages: 62-70

**Research interest:**

1. Fire prevention
2. Fire risk assessment in industry and technological processes
3. Fire preventive measures for buildings
4. Professional training of workers in fire protection work

**Professional Activities, Recognition and Other Information**

- Passed Professional exam in the field of fire protection

**No.3**

<b>Name and surname:</b>	Anita D. Petrović-Gegić
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	Protection and treatment of water and air	B Appl. Sc
2	Methods of chemical analysis of pollutants	B Appl. Sc
3	Environmental protection	B Appl. Sc
4	Water management	Spec. B Appl. Sc
5	Measurement and control of pollution	Spec. B Appl. Sc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Protection in working and living environment
2	Prevention and control of water pollution (elective block 1)

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
1	D. Šrbac, A. Petrović-Gegić: Uvod u inženjerstvo zaštite životne sredine, Udžbenik, FTN Izdavaštvo, Novi Sad, 2014.
2	Petrović-Gegić A., „Instrumentalne metode analize“, Udžbenik, Visoka Tehnička škola Novi Sad, 2010.
<b>Journal Articles</b>	
1	Biljana D. Skrbic , Vesna Marinkovic , Igor Antic , Anita Petrovic Gegic: Seasonal variation and health risk assessment of organochlorine compounds in urban soils of Novi Sad, Serbia, Chemosphere 181 ( 2017) 101-110
2	Ćurčić Lj., Pucarević M., Tanović P., Pezo L., Petrović. A, The content of heavy metals in packaging waste, Monitoring and expertise in safety engineering, Vol 5, No3&4/2015 ISSN 2217-6608,2015.,pp 32-38
3	Petrović-Gegić A., Vojinović –Miloradov M, Sabo Cehmajster K.,Feher I., Usvajanje toksičnih i korisnih elemenata u nekom vrstama voćai povrća u plavnoj obali reke Tise , Hemiske industrija, Vol 61, No 5a, 2007
4	Petrović-Gegić A., Savić B., Ilić B.: Consideration of the impact of air purity and atmospheric conditions on the efficiency of photovoltaic panels, Monitoring and Expertise in Safety Engineering, 2014, Vol. 4, No 4, ISSN 2217-7248
5	Milanko V., Petrović-Gegić A.: Changes of ecological status of Keres river in the period 2003-2007, Journal of International Scientific Publication: Ecology & Safety, 2008, Vol. 2, pp. 97-104, ISSN 1313-2563
<b>Conference Papers</b>	
1	Petrović A., Marinković V., BTEX in indoor air of screen printing industry; WORKSHOP ON APPROACHES FOR RISKASSESSMENT OF EMERGING, 14.th International Conference on Environmental Science and Technology,Rhodes,Greece, 2015, p.470
2	Petrović A., Marinković V., Mesumerent of volatile compaunds in the facillity screen printing, IV international congress“Engineering, environment and material i n processing industry, Jahorina, 2014., p261
3	Petrović A., Savić B., Graphic industry in Serbia as producer of waste substances and materials, Conference on Industrial and Hazardous Easte Management, Crete, Greece, 2014, (ISSN 2241-3138Chania), Greece, p481

<b>4</b>	Petrović Grgić A., Savić B., Volatile substances in printing as pollutants of working and living environment, International Congress on Environmental Health, Lisbon, Portugal, 2012, p18
<b>5</b>	Petrović-Grgić A., Savić, B., Wastewater of cellulose and paper industry, situation analysis and solution proposition for factory and lepenka from Novi Kneževac. International Conference on Innovative Technologies, 1st – 3rd september, 2011, pp 440 – 446.
<b>6</b>	Petrović, B. Savić, M. Marić: Upravljanje otpadnim gumama i tehnologije reciklaža, 9. Međunarodno savetovanje rizik i bezbednosni inženjering, 01-08.februar 2014., Kopaonik, pp 338 - 345.
<b>7</b>	Petrović, B. Savić, B. Ilić: Analiza uticaja različitih faktora na efikasnost rada fotonaponskih panela,XIII međunarodni naučno-stručni simpozijum INFOTEH-JAHORINA, mart 2014, Vol 13, pp 315 - 320
<b>8</b>	B. Savić G. Vuletić, A. Petrović: Prilog smanjenju hemijskih štetnosti u radnoj sredini industrijskih pogona, 9. Međunarodno savetovanje rizik i bezbednosni inženjering, Kopaonik, 2014., pp 378 - 384
<b>9</b>	B. Savić, A. Petrović Grgić: Development of a risk assessment method and risk assessment of safety and health in printing industry, INTERNATIONAL CONGRESS ON ENVIRONMENTAL HEALTH 2; Lisbon; 2012.

**Research interest:**

1. Environmental protection
2. Dealing with generation of waste in graphic industry
3. Waste management and recycling

**No.4**

<b>Name and surname:</b>	<b>Dušan G. Gavanski</b>
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Machines and devices	B Appl. Sc
<b>2</b>	Internal transport	B Appl. Sc
<b>3</b>	Materials	B Appl. Sc
<b>4</b>	Resistance of materials	B Appl. Sc
<b>5</b>	Automated transport and storage systems	Spec. B Appl. Sc
<b>6</b>	Risk management and risk assessment methods	Spec. B Appl. Sc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Automated transport and storage systems (elective block 2)
<b>2</b>	Protection in working and living environment

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Gavanski, D.: Ilustrovano uputstvo za bezbedan rad na stubnoj bušilici, Bezbednost i zdravlje na radu, TEMPUS JPHES 158781, Visoka tehnička škola strukovnih studija u Novom Sadu, 2012.
<b>2</b>	Gavanski, D.: Ilustrovano uputstvo za bezbedan rad na univerzalnom strugu, Bezbednost i zdravlje na radu, TEMPUS JPHES 158781, Visoka tehnička škola strukovnih studija u Novom Sadu, 2012.
<b>3</b>	Gavanski, D.: Ilustrovano uputstvo za bezbedan rad na kratkohodoj horizontalnoj rendisaljci, Bezbednost i zdravlje na radu, TEMPUS JPHES 158781, Visoka tehnička škola strukovnih studija u Novom Sadu, 2012.
<b>4</b>	Gavanski, D.: Ilustrovano uputstvo za bezbedan rad na radioničkoj brusilici, Bezbednost i zdravlje na radu, TEMPUS JPHES 158781, Visoka tehnička škola strukovnih studija u Novom Sadu, 2012.
<b>Journal Articles</b>	
<b>1</b>	Gavanski, D., Milanko, V., Krnjetin, S.; Implementacija ocene sprovedenih mera zaštite od požara u akt o proceni rizika na radnom mestu i u radnoj okolini za objekte za skladištenje žitarica, Naučni časopis Savremena poljoprivredna tehnika, Cont. Arg. Engng. Vol. 37, No 3, 253-266, originalni naučni rad UDK: 631.365:631.563:631,57,614.84, Biblid: 0350-2953 (2011)37, 3: 253-266, Novi Sad, 2011. ISBN 0350-2953.
<b>2</b>	Gavanski, D., Milanko, V., Krnjetin, S.; Novoformirani pristup procene požarnog rizika u objektima primenom informacione tehnologije – ček liste i matrica rizika, Časopis NBP – Žurnal za kriminalistiku i pravo, Kriminalističko-poličijska akademija, UDK:005.334:614.841, str. 103-120, Beograd, 2011.
<b>3</b>	Gavanski, D., Milanko, V., Krnjetin, S.; Implementacija ocene sprovedenih mera zaštite od požara u Akt o proceni rizika za zatvoreni tip skladišta drvene gradđe, Naučni časopis Zaštita materijala 52 (2011) broj 2, originalni naučni rad UDC: 614.841.47, Inženjersko društvo za koroziju, Beograd, 2011.
<b>4</b>	Gavanski, D., Krejtor, V.P.: Экспертизы и сравнительный анализ оценки риска пожарной безопасности по методам СИА 81 и ВКФ 2007, pp 78-87, Naučno-analitičeskiy žurnal - Pravo. Bezopasnost. Črezвычайные ситуаций, N02 (11) 2011, Sankt-Peterburgskiy universitet Gosudarstvennoy protivpožarnoy sluzhby MČS Rossii, 2011. ISSN 2074-1626

<b>5</b>	Gavanski, D.: The application of a newly established methodological approach to fire risk assessment aimed to define corrective and preventive fire protection measures, UDC 614.84, Journal: Monitoring and Expertise in Safety Engineering, VOL.2, NO2/2012, pp 12-21, ISSN 2217-7248, Higher Education Technical School of Professional Studies in Novi Sad, St. Petersburg University of State Fire Service of EMERCON of Russia, 2012.
<b>6</b>	Milanko, V., Gavanski, D., Laban, M.: Analiza uticaja uslova skladištenja na očuvanje kvaliteta zrna soje i sprečavanje procesa sagorevanja i pojave požara, Časopis Saveza hemijskih inženjera: Hemija industrija, stručni rad UDK 633.34:631.24, HI#3356, Hem. Ind. 66(4)587-594(2012), Beograd, 2012.
<b>7</b>	Gavanski, D., Milanko, V.: Comparative fire risk assessment by matrix and euroalarm methods on the example of wooden pallets production, UDC 614.84:674, Journal: Monitoring and Expertise in Safety Engineering, VOL.3, NO1/2013, pp 26-37, ISSN 2217-7248, Higher Education Technical School of Professional Studies in Novi Sad, St. Petersburg University of State Fire Service of Emercon of Russia, 2013.
<b>8</b>	Gavanski, D., Korjenic, A. and Milanko, V.: Fire risk assessment in buildings using fire protection software, International Journal Risk Assessment and Management, Vol. 17, No. 1, pp.1-18, 2013.
<b>9</b>	Mračkova, E., Milanko, V., Gavanski, D., Simendić, B.: Analysis of the Powdered Material Produced by Processing of Different Wood Samples, Transactions of the VŠB – Technical University of Ostrava, Reviewed journal, Safety Engineerin Series, Vol. 8 – 2013
<b>Conference Papers</b>	
<b>1</b>	Gavanski D., Obezbeđivanje oznaka za bezbednost i/ili zdravlje na radu u unutrašnjem transportu, Zbornik radova, 8. Međunarodno savetovanje „Rizik i bezbednosni inženjeriing“, knjiga 1, Kopaonik, 2013., str. 294-301., ISBN 978-86-6211-057-2 3. Bukta
<b>2</b>	Gavanski D., Algoritam za sistemsku analizu bezbednosti mašina alatki, Zbornik radova, 8. Međunarodno savetovanje „Rizik i bezbednosni inženjeriing“, knjiga 2, Kopaonik, 2013., str. 274-280., ISBN 978-86-6211-057-2
<b>3</b>	Gavanski D., Bezbedan rad na vertikalnim formatizerima, 17th International Conference Dependability and Quality Management, ICDQM-2014, Zbornik radova, Beograd, 2014., str. 352-358., ISBN 978-86-85355-16-4
<b>4</b>	Gavanski D., Bezbedan rad na ravnalici, Zbornik radova, 4. Međunarodna naučna konferencija Bezbednosni inženjeriing, 14. Međunarodna konferencija Zaštite od požara i eksplozije, Novi Sad, 2014., str. 326-333., ISBN 978-86-6211-95-4
<b>5</b>	Gavanski D., Sokola M, Bezbedan rad na poluautomatskoj mašini za obmotavanje paletiranih proizvoda streč folijom, 18th International Conference Dependability and Quality Management, ICDQM-2015, Zbornik radova, str. 324-330, Prijedor, 2015, ISBN 978-86-86355-18-8
<b>6</b>	Gavanski D., Bezbedan rad na kratkohodim horizontalnim rendisaljkama, Zbornik radova, 12. Nacionalna konferencija sa međunarodnim učešćem „Unapređenje sistema zaštite na radu“, Tara, 2015., str. 119-124., ISBN 978-86-919221-0-8
<b>7</b>	Gavanski D., Miladinović S., Zaštita radnika u procesu paletizacije pomoću robotske paletizerice na primeru upakovanog šećera, Zbornik radova, 19th International Conference Dependability and Quality Management, ICDQM-2016, Prijedor, 2016., str. 237-245., ISBN 978-86-86355-31-7
<b>8</b>	Gavanski, D., Miladinović, S.: Zaštita radnika u procesu pakovanja šećera pomoću automatske pakerice, Zbornik radova, 6. Međunarodni stručno-znanstveni skup „Zaštita na radu i zaštita zdravlja“, Zadar, Hrvatska, 2016., str. 320-325., ISSN 1848-5731
<b>9</b>	Gavanski, D.: Bezbedan rad na mašinama alatkama, Zbornik radova, II Međunarodna naučno-stručna konferencija „Bezbednost i krizni menadžment – teorija i praksa, Bezbednost za budućnost – 2016“, Obrenovac, 2016., str. 166-170., ISBN 978-86-80698-00-7
<b>10</b>	Gavanski D., Miladinović, S.: Zaštita radnika u procesu formiranja osnovnog i zbirkog

	pakovanja šećera na automatskoj liniji, Zbornik radova, 12. Međunarodno savetovanje „Rizik i bezbednosni inženjering“, Kopaonik, 2017., str. 241-247., ISBN 978-86-6211-107-4
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**Research interest:**

1. Safety at work during handling of machines and devices
2. Safety at work during use of transportation means
3. Risk assessment methods and risk handling

**Professional Activities, Recognition and Other Information**

- Professional exam on the practical training of the responsible person for inspection and testing of work equipment
- Passed Professional exam in the field of safety and health at work

**No.5**

<b>Name and surname:</b>	<b>Petra M. Tanović</b>
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
1	Soil protection and solid waste	B Appl. Sc
2	Environmental management systems	B Appl. Sc
3	Printing form preparation	B Appl. Sc
4	Applied environmental management	Spec. B Appl. Sc
5	Waste management	Spec. B Appl. Sc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
1	Waste management and recycling (elective block 2)

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
1	Tanović P. Analiza zemljišta – praktikum, VTSSS, Novi Sad, 2016.
<b>Journal Articles</b>	
1	P. Tanović, LJ. Ćurčić, M. Pucarević: Prisustvo isparljivih organskih materija u radnoj okolini pri procesu sito štampe, časopis Monitoring i ekspertiza u bezbednosnom inženeringu, vol. 2, Novi Sad, 2012.
2	Ljiljana Ćurčić, Lato Pezo, Petra Tanović, Mira Pucarević: Benzene, ethyl benzene and xylene in the air of offset printing shop, Časopis: Monitoring and expertise in safety engineering, 2013. str. 140-147 ISBN 2217-7248
3	Ljiljana Ćurčić, Mira Pucarević, , Petra Tanović i dr autori: The content of heavy metals in packaging waste, Časopis: Monitoring and expertise in safety engineering, UDK: 628.4:546.3/9 VOL 5, 3&4 2105. str 32-37 ISBN 2217-7248
<b>Conference Papers</b>	
1	Petra Tanović, Jovana Kitanović, Tajana Božović: Isparljive organske supstance u izduvnim gasovima autobusa, Međunarodna naučna konferencija Bezbednosni inženering, Novi Sad, 5-7. oktobar 2016. str 503-511, ISBN 978-86-6211-106-7
2	Petra Tanović, Anita Petrović, Ljubica Stojanović: Obrazovanje grafičkih inženjera o pravilnom upravljanju otpadom, II Međunarodno savetovanje Upravljanje znanjem i informatika, Kopaonik, 2016. str. 178-183 ISBN 978-86-6211-103-6
3	Petra Tanović, Žužana Fajka, Tanja Božović: Kontrola kvaliteta zemljišta u krugu fabrike šećera TE-TO Senta i uticaj šećerane na životnu sredinu, Međunarodno savetovanje Rizik i bezbednosni inženering, Kopaonik, 2016. str. 356-362 ISBN 978-86-6211-102- 9
4	Dragana Todorović, Petra Tanović, Željko Pulisak: Razvijanje svesti o upravljanju otpadom u obrazovnim ustanovama, Međunarodno savetovanje Rizik i bezbednosni inženering, Kopaonik, 2017. str. 341-346 ISBN 978-86-6211-108-1
5	Petra Tanović: Priprema štamparske forme i uticaj na radnu i životnu sredinu, Međunarodno savetovanje Rizik i bezbednosni inženering, Kopaonik, 2013. str. 246-251 ISBN 978-86-6211-057-2
6	Petra Tanović: Ambalaža kao važan aspekt pri prodaji proizvoda, Međunarodni simpozijum iz oblasti celuloze , papira, ambalaže i grafike, Zlatibor, 2015. str. 100-106 ISBN 978-86-7401-323-6
7	Petra Tanović, Dušan Guteša: Edukacija pravilnom odlaganju baterija i akulatora kao način očuvanja životne sredine, Međunarodno savetovanje Upravljanje znanjem i informatika,

	Kopaonik, 13-14.januar, 2017. Str172-178 ISBN 978-86-6211-108-1
<b>8</b>	Mira Pucarević, Petra Tanović i dr: Koncentracija teških metala u papiru za proizvodnju ambalaže, Međunarodna naučna konferencija Bezbednosni inženjering, Novi Sad, 5-7. oktobar 2016. str 471-480, ISBN 978-86-6211-106-7

**Research interest:**

1. Waste management in all industrial branches
2. Protection of the environment in general and the effects of various activities on the protection of the environment
3. Pollution and soil protection

**Professional Activities, Recognition and Other Information**

- Passed 3 exams at Serbian Chemicals Agency for lecturing chemical advisors.

**No.6**

<b>Name and surname:</b>	<b>Biljana D. Gemović</b>
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	Quality management	B Appl. Sc
2	CAD	B Appl. Sc
3	Computer animation	B Appl. Sc
4	Computer graphics	B Appl. Sc
5	Risk management and risk assessment methods	Spec. B Appl. Sc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Risk management in protection

**Research and scholarly output**

Journal Articles	
1	Gemović, B., Nikolić, B., The method of risk assessment at workplace and working environment in an example of a metal mechanical processing section of a factory, Annals of the Faculty of Engineering Hunedoara – Journal of Engineering, (ISSN 1584–2673), 2009.
2	Gemović, B., Comparative analysis of risk assessment in the field of fare protection and Occupational health safety, Stuttgart, ISBN 978, Germany, 2010.
3	B. Gemović: A proactive approach to risk management by implementing quality standards, ISSN 2217-36608, MESE, vol.3, No. 2/2012, jun 2012.
Conference Papers	
1	Gemović, B., Sertifikacija sistema menadžmenta prema standardu OHSAS 18001:2007, Zbornik radova Rizik i bezbednosni inženjerstvo, Kopaonik 2011.
2	Gemović, B., Improving safety and health at work through a standard OHSAS 18001, II International Conference Industrial Engineering And Environmental Protection 2012 (IIZS 2012), Zrenjanin
3	Gemović, B., Integrirani sistem menadžmenta, Bezbednosni inženjerstvo, Kopaonik, 2013.
4	Gemović, B., Primena standarda OHSAS 18001:2007- Vrednovanje usaglašenosti sa zakonskom regulativom iz bza, Kopaonik, 2013.
5	B. Gemović, Primena CAD (computer aided design) aplikacija u obrazovanju, ZOP, 2014.
6	B. Gemović, Značaj upravljanja kvalitetom, Bezbednosni inženjerstvo, Kopaonik, 2015.

**Research interest:**

1. Quality management and quality systems
2. CAD/CAM engineering

**Professional Activities, Recognition and Other Information**

- OHSAS 18001 external auditor
- ISO 9001 internal auditor

No.7

<b>Name and surname:</b>	<b>Dragan M. Karabasil</b>
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	Hazardous chemicals	B Appl. Sc
2	Fire and explosion protection	B Appl. Sc
3	Firefighting tactics	B Appl. Sc
4	Monitoring in protection	Spec. B Appl. Sc
5	Protection in accident situations	Spec. B Appl. Sc
6	Fire expertise	Spec. B Appl. Sc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Monitoring and control in protection
2	Design in stationary systems (elective block 2)

**Research and scholarly output**

Books, monographs and chapter in books and monographs	
1	Karabasil D.: "PRIRUČNIK I TABLICE IZ ZAŠTITE OD POŽARA", III izdanje, priručnik, Viša tehnička škola, Novi Sad, 1995. god. 185 str. K.23-2.
2	Karabasil D.: "OSNOVE TAKTIKE GAŠENJA POŽARA", Budućnost, Novi Sad, 1998. god., 200 str. K.23-5.
3	Karabasil D., Jakovljević V.: "Ekološke intervencije", Viša tehnička škola, Novi Sad, 2006.
Journal Articles	
1	Karabasil D., Bukurov D.: "A contribution to the study of the cause and distribution of minamata disease in the lower course of the river Tisza" (YU), TISCIA vol 28, 57-62, 6 str. 1994.
2	Dragan Karabasil, Verica Milanko, DEVELOPMENT OF THE FIRE PROTECTION SYSTEM IN SERBIA, MESE journal, VOL.1, No 1/2011, Novi Sad, 2011.
3	Karabasil D.: "Mnogo je razloga za očuvanje zdrave životne sredine", rad u časopisu, 6 str., časopis Zaštita u praksi, br 72/19-25. str., Beograd, avgust 2000. god. K.23-5.
4	Karabasil D.: "Hronična trovanja podmuklo ubijaju", rad u časopisu, 4 str., časopis Zaštita u praksi, br. 4, 68/19-23. str., Beograd, april 2000. god. K.23-5.
5	Karabasil D.: "Vatrogasne jedinice u sistemu zaštite od opasnih materija", 3 str., rad u časopisu "Civilna Zaštita" br. 2, Zagreb, 1990. god., K.33-1,5.
6	Karabasil D., Milanko V.: "Evropska i druga iskustva u prevenciji akcidenata sa mogućim katastrofalnim posledicama", 8 str., rad u časopisu "Požar-eksplozija-preventiva", br.3, Sarajevo 1990. god., T.42-2.
Conference Papers	
1	Karabasil D., Bukurov D.: "A Minamata betegseg megjelensenek es elterjedesenek okai a Tisza also szakaszban", 1 str., separat, Szegedi onkologiai napok, 24. Tiszakutato Anket, Szeged, 1993., K.53-0,5.
2	Karabasil D., Milanko V., Grigorjeva-Munitlak S.: "Prilog proučavanju kvaliteta vode za piće u region Južne Bačke" 11 str. 7. Jugoslovensko i 4. Međunarodno savetovanje ZOP i eksplozije, Novi Sad, 2000.
3	Karabasil D., Milisavljević B.: "Investigation of Influence of Air Thermal Inversipn to Chemical Accident", Fire Engineering the 1th International Conference, Proceedings, Zvolen, Slovak Republic, 2002.

<b>4</b>	Nikolić B., Karabasil D.: "Fire Protection Training and Education" Fire Engineering the 1th International Conference, Proceedings, Zvolen, Slovak Republic, 2002.
<b>5</b>	Nikolić B., Karabasil D.: "The Reliability Theory Application in the Analysis of Automatic Fire Detection Systems", Fire Engineering the 1th International Conference, Proceedings, Zvolen, Slovak Republic, 2002.
<b>6</b>	Karabasil D., Radović V.: "Is there a need to improve the fire service in the area of emergency management within the Republic of Serbia?" 3rd International Scientific Conference Fire Engineering, Zvolen, Slovak Republic, 2010.
<b>7</b>	Karabasil D., Milanko V.: "Development of the fire protection system in Serbia" Monitoring and expertise in safety engineering, No 1, Higher education technical school of professional studies in Novi Sad and St. Petersburg university of state fire service of Emercom of Russia, Novi Sad, 2011.
<b>8</b>	Karabasil D., Milanko V.: "Zaštita od požara u Srbiji, školstvo i imerdžensi menadžment u vanrednim situacijama", 5. Međunarodni stručno-znanstveni skup, Zbornik, Veleučilište u Karlovcu, Zadar, 2014.
<b>9</b>	Karabasil D., Petković S: "Ponašanje ljudi pri aktiviranju požarnog alarma" 5. Međunarodni stručno-znanstveni skup, Zbornik, Veleučilište u Karlovcu, Zadar, 2014.

**Research interest:**

1. Fire protection
2. Impact of combustion products on human health
3. Chemical accidents

**Professional Activities, Recognition and Other Information**

- Passed Professional exam in the field of fire protection
- License for Responsible project manager for designing a major fire protection project

**No.8**

<b>Name and surname:</b>	<b>Vesna B. Petrović</b>
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Physics	B Appl. Sc
<b>2</b>	Hazards of physical agents	B Appl. Sc
<b>3</b>	Electrical measurements	B Appl. Sc
<b>4</b>	Digital photography and applied optics	B Appl. Sc
<b>5</b>	Monitoring in protection	Spec. B Appl. Sc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Monitoring and control in protection

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Petrović V. Fizičke štetnosti – praktikum, VTŠSS Novi Sad, 2013.
<b>2</b>	Santrač B., Petrović V., Električna merenja – praktikum, VTŠSS Novi Sad, 2013.
<b>Journal Articles</b>	
<b>1</b>	V. Petrović, N. Stojanović, M. Slankamenac, S. Lukić: „Pojačavačke karakteristike halkogenidnog stakla dopiranog erbijumom”, Hemijska industrija, vol. 64, No 3, str.183 - 186, 2010.
<b>2</b>	V. B. Petrović, D. Šrbac, I. O. Gut, S. R. Lukić “Optical Properties of Er-doped As-S-Ge chalcogenide glasses”, Journal of Optoelectronics and Advance Materials, 2009.
<b>3</b>	V. B. Petrović, S. R. Lukić, V. M. Šiljegović, F. Skuban “Thermomechanical Parameters of Non-Crystalline chalcogenide in the As-S-Ge-Er system”, vol.9, No 4, str.825 - 827, 2007.
<b>4</b>	B. Simendić, V. Petrović, Rizici pri emisiji prašine neorganskog porekla, Svet rada, 612 – 622, Beograd 2014.
<b>5</b>	B. Simendić, V. Petrović, V. Milanko, Rizici pri izlaganju prašini u keramičkoj industriji, Izgradnja 9-10, str.26 - 30, 2014.
<b>6</b>	V. B. Petrović, I. O. Gut, S. R. Lukić-Petrović, A. S. Tverjanovich, Raman spectra of quasi-binary glasses As <sub>2</sub> S <sub>3</sub> -Ge <sub>2</sub> doped with Er, Journal of Research in Physics, 2014.
<b>Conference Papers</b>	
<b>1</b>	V. Petrović, M. Sokola, B. Simendić, Low frequency EM radiationin work zones of transmission power station, IX Savetovanje o elektrodistributivnim mrežama Srbije, CIRED, 2014.
<b>2</b>	V. Petrović, M. Sokola, Nearmisses – approach in safety and health at work, 9thInternational Scientific and Professional Conference, “MANAGEMENT AND SAFETY”, str. 251 - 267, 2014., Moravske Toplice, Slovenija.
<b>3</b>	B. Simendić, V. Petrović, The risks of using material swhich can contain asbestos, XXV Medzinárodná konferencija, Štrbské Pleso-Vysoké Tatry, 2012.
<b>4</b>	V. Marinković, V. Petrović, B. Simendić, M. Sokola, B. Škrbić, Exposure of dental prosthetic workers to chemical hazard sandharms, 14thInternational Conference Occupation Safety and Health 2014., Ostrava, Czech Republic.

**Research interest:**

1. Physics
2. Physical hazards
3. Monitoring and control in protection

**Professional Activities, Recognition and Other Information**

- Passed Professional exam in the field of safety and health at work

**No.9**

<b>Name and surname:</b>	Rade M. Ćirić
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	Generation and transmission of electrical energy	B Appl. Sc
2	Electric power systems analysis	B Appl. Sc
3	Maintenance of electric power equipment	B Appl. Sc
4	Practicum	B Appl. Sc
5	Small power plants and renewable energy sources	Spec. B Appl. Sc
6	Distribution and industrial networks	Spec. B Appl. Sc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Renewable energy sources

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
1	Rade M. Cirić, ZBIRKA RESENIH ZADATAKA IZ DISTRIBUTIVNIH MREZA, Visoka tehnicka škola strukovnih studija u Novom Sadu, Novi Sad 2013.
2	Rade M. Cirić, Sasa N. Mandić, ODRZAVANJE ELEKTROENERGETSKE OPREME, AGM knjiga 2015, ISBN 978-86-86363-59-6, COBISS SR-ID 217975820.
<b>Journal Articles</b>	
1	D. L. Milanez, R. M. Cirić, "A New Method for Real Time Computation of Power Quality Indices Based on Instantaneous Space Phasors", Electric Power Systems Research, vol. 77, no. 1, 2007, pp. 93-98.
2	V. V. Terzija, R. M. Cirić, H. Nouri, "Improved Fault Analysis Method Based on a New Arc Resistance Formula", IEEE Transactions on Power Delivery, Vol. 26, no 1, jan. 2011, ISSN 0885-8977, pp. 120-126.
3	M. M. Alamuti, H. Nouri, R. M. Cirić, V. V. Terzija, "Intermittent Fault Location in Distribution Feeders", IEEE Transactions on Power Delivery, Vol. 27, no 1, jan. 2012, ISSN 0885-8977, pp. 96-103.
4	R. M. Cirić, N. Rajaković, "A New Composite Index of Reliability Supply in the Industrial Systems with Distributed Generation", International Journal of Electrical Power & Energy Systems, vol. 44, issue 1, january 2013, pp. 824-831.
5	R.M. Cirić, N.LJ. Rajaković, "Concept Modules and Objectives of the Syllabus Course: Small Power Plants and Renewable Energy Sources", International Science Index, 2016/5, p. 584-589
6	Sasa Skoko S, Rade Cirić M, LABORATORY EXERCISES OF PHOTOVOLTAIC SYSTEMS - REVIEW OF THE EQUIPMENT, METHODOLOGY, TRIALS AND RESULTS, Renewable and Sustainable Energy Reviews, Elsevier, p. 293-303, 2017
<b>Conference Papers</b>	
1	Rade Cirić, Dusan Comic, A New Index for Risk Assessment During the Maintenance of High Voltage Transformer Station, 8th International Conference „Risk and Safety Engineering“, Kopaonik, Serbia, p.36-43, 2013.
2	Rade Cirić, Bosko Kurtinovic, Vanredni remont visokonaponskih dalekovoda, 3. Međunarodna konferencija "Upravljanje znanjem i informacione tehnologije", str. 102-109,

	2017
<b>3</b>	S. Skoko, S. Cvijanovic, D. Nenadovic, R. Cirić, MEASURING HARMONICS AND ANALYSIS OF POWER TRANSFORMER WITH NONLINEAR UNBALANCED LOAD, CIGRE, Neum, Bosnia and Herzegovina, 2017.
<b>4</b>	R.M. Cirić, Measurement of Touch and Step Voltage in the High Voltage Substations, 7th Asia Pacific Power and Energy Engineering Conference, Beijing, China, 2015
<b>5</b>	N. Bjeletić R.M.Cirić, S. Skoko, S.Cvijanovic, Measuring Basic Electrical Quantities on the Low Voltage Distribution Line – A Laboratory Exercise, 1th International Conference „Knowledge Management and Information Technology“, Kopaonik, Serbia, 2015
<b>6</b>	Rade Cirić, Petar Stipanović, Power Quality Criteria for Connecting Solar Power Plants to Distribution Grid, International Conference and Exhibition for Power Electronics, Intelligent Motion, Renewable Energy and Energy Management, PCIM South America, São Paulo, Brazil, 2014

**Research interest:**

1. Electric power distribution
2. Techno-economic analysis of electric power systems and subsystems
3. Harmonics generated by load

**Professional Activities, Recognition and Other Information**

- Post-doctoral studies: UNESP Ilha Solteira - São Paulo, Brazil 2001/2002 god.
- Guest professor at University of the West of England (UWE), Bristol, UK 2004/2005

**No.10**

<b>Name and surname:</b>	<b>Borislav M. Simendić</b>
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Introduction to printing technology	B Appl. Sc
<b>2</b>	Printing materials	B Appl. Sc
<b>3</b>	Power plant facilities	B Appl. Sc
<b>4</b>	Theory of engineering experimentation	B Appl. Sc
<b>5</b>	Practicum	B Appl. Sc
<b>6</b>	Statistics	Spec. B Appl. Sc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Renewable energy sources
<b>2</b>	Applied risk modelling methods

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	B. Simendić Uvod u grafičke tehnologije, VTŠSS Novi Sad, 2014.
<b>2</b>	B. Simendić, B. Nikolić, Industrijska postrojenja, VTŠSS, Novi Sad, 2012.
<b>3</b>	B. Simendić, Praktikum iz Grafičkih materijala, VTŠSS Novi Sad, 2016
<b>4</b>	B. Simendić, V. Petrović, Azbest,karakteristike i princip smanjenja izloženosti, VTŠSS Novi Sad, 2013
<b>Journal Articles</b>	
<b>1</b>	B.Simendić, V.Petrović, Rizici pri izlaganju prašini u keramičkoj industriji, Izgradnja 9-10, str. 26 – 30, 2014
<b>2</b>	Vesna Petrović, Borislav Simendić, Vesna Marinković, Rizici pri mehaničkom i termičkom tretmanu azbestnih salonit ploča, Izgradnja, 7-8, 26-30, 2015.
<b>3</b>	B.Simendić, N.Jović, Monitoring of suspendedand respirable particulate matter in the city of Novi Sad, Monitoring and expertise in safety engineering, ISSN2217-6608, Vol 2, No 3/2012, St.Peterburg and Novi Sad, 2012
<b>4</b>	V.Petrović, B.Simendić, Asbestos in enveromental, Monitoring and expertise in safety engineering, St.Peterburg and Novi Sad, 2013,
<b>5</b>	B.Simendić, V.Milanko, .V.Marinković, N.Vukić, V.Teofilović, The risk in the use of biogas and biomass in plants for generation heat and electricity, Contemporary materials, Banja Luka 6/2015, 2015
<b>Conference Papers</b>	
<b>1</b>	V. Marinković, V. Petrović, B. Simendić, B.Škrbić, Determination particulate matter concentrations in traffic, Book of Abstracts of 16th Danube – Kris – Mures-Tisa (DKMT) Euroregion Conference on Environment and Health, p. 26, Arad, Romania, 25 – 26 april 2014.
<b>2</b>	B. Simendić, R. Mićić, Korišćenje biomase kao obnovljivog izvora energije, 8. Međunarodno savetovanje Rizik i bezbednosni inženjering, str. 302-308. Kopaonik, 2013.
<b>3</b>	B. Simendić, V. Petrović, Materials and objects in a fire in electric power facilities, IX Savetovanje o elektroistributivnim mrežama Srbije, CIRED, Vrnjačka Banja, 2014.
<b>4</b>	V. Petrović, B. Simendić, V. Marinković, Dekompozicija azbestnih salonit ploča pri termičkom tretmanu, 4 Međunarodna naučna konferencija Bezbe–dnosni inženjering i 14. Međunarodna konfe-rencija Zaštita od požara i eksplozije, str. 264 – 272, Novi Sad, 2014.

<b>5</b>	B. Simendić, V. Petrović, Značaj određivanja silikatne prašine pri preradi sirovina mineralnog porekla, II regionalni okrugli sto: vatrostalstvo, procesna industrija i nanotehnologije, ROSOV PIN, Andrevlje, 2014.
<b>6</b>	B. Simendić, V. Marinković, M. Bokan, Bezbednosni aspekti koogenerativnog postrojenja na biogas, 10. Međunarodno savetovanje Rizik i bezbednosni inženjering, Kopaonik, 2015.

**Research interest:**

1. Mineral papers
2. Lignin in biomass
3. Styrofoam recycling
4. Safe use of commercial ceramics
5. Recycling of asbestos waste

**Professional Activities, Recognition and Other Information**

- License for responsible project manager for designing technological processes

**No.11**

<b>Name and surname:</b>	<b>Saša B. Spaić</b>
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Chemistry	B Appl. Sc
<b>2</b>	Hazardous chemicals	B Appl. Sc
<b>3</b>	Organic chemistry	B Appl. Sc
<b>4</b>	Applied chemistry	B Appl. Sc
<b>5</b>	Theory of engineering experimentation	B Appl. Sc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Safety engineering in production processes

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Spaić S., Primjenjena hemija, Visoka tehnička škola strukovnih studija u Novom Sadu, Novi Sad, 2016.
<b>2</b>	Grigorjev-Munitlak S., Spaić S., Hemija, Visoka tehnička škola strukovnih studija u Novom Sadu, Novi Sad, 2016.
<b>3</b>	Spaić S., Marinković V., Opasne hemikalije - Praktikum, Visoka tehnička škola strukovnih studija u Novom Sadu, Novi Sad, 2016.
<b>4</b>	Grigorjev-Munitlak S., Spaić S., Organska hemija, Visoka tehnička škola strukovnih studija u Novom Sadu, Novi Sad, 2017.
<b>Journal Articles</b>	
<b>1</b>	M. Popsavin, S. Spaić, M. Svirčev, V. Kojić, G. Bogdanović, V. Popsavin: Synthesis and in vitro antitumour screening of 2-(β-d-xylofuranosyl)thiazole-4-carboxamide and two novel tiazofuran analogues with substituted tetrahydrofurodioxol moiety as a sugar mimic, Bioorganic & Medicinal Chemistry Letters, 2012, 22, 6700-6704. [IF 2.661 (2010, 19/54); M22 (5)]
<b>2</b>	S. Spaić: Management of Chemicals in the Republic of Serbia, Monitoring and Expertise in Safety Engineering, Novi Sad, St. Petersburg, 2013, 3, str. 54-62. [M53 (1)]
<b>3</b>	M. Popsavin, V. Kojić, S. Spaić, M. Svirčev, G. Bogdanović, D. Jakimov, L. Aleksić, V. Popsavin: 2-Substituted thiazole-4-carboxamide derivatives as tiazofuran mimics: synthesis and in vitro antitumour activity, Tetrahedron, 2014, 70, 2343-2350. [IF 2.817 (2013, 17/58); M21 (8)]
<b>4</b>	V. Milanko, S. Spaić, B. Simendić, V. Marinković: The importance of determining the size distribution of wood dust particles in assessing its explosive properties, Oral presentation at International Scientific Conference: „Challenges and opportunities of forensic fire investigation“, 22nd October 2015, St. Petersburg and then full paper published in Monitoring and Expertise in Safety Engineering, Novi Sad, St. Petersburg, 2015, 4, str. 64-70. [M53 (1)]
<b>5</b>	M. Popsavin, V. Kojić, Lj. Torović, M. Svirčev, S. Spaić, D. Jakimov, L. Aleksić, G. Bogdanović, V. Popsavin: Synthesis and in vitro antitumour activity of tiazofuran analogues with nitrogen functionalities at the C-2' position, European Journal of Medicinal Chemistry, 2016, 111, 114-125. [IF 3.902 (2015, 6/59); M21 (8)]
<b>6</b>	S. Spaić, V. Milanko, V. Marinković, T. Božović, V. Miljanić: Determination of BTEX Compounds in the Products of Thermal Treatment of Plum Endocarp, International Journal of Chemical and Environmental Engineering (IJCEE), 2016, Volume 7 - No. 2, 87-92. [M33 (1.0)]

<b>7</b>	V. Milanko, V. Marinković, S. Spaić, T. Božović, M. Stepanović: Determination of indicators of thermal degradation of commercially available edible oils in order to determine the risk of fire, International Journal of Chemical and Environmental Engineering (IJCEE), 2016, Volume 7 - No. 3, 152-156. [M33 (1.0)]
<b>Conference Papers</b>	
<b>1</b>	S. Spaić: Detergenti u srpskim propisima o hemikalijama, 12. Međunarodno savetovanje Rizik i bezbednosni inženjering, Kopaonik, 2017, Zbornik radova savetovanja, str. 463-470. [M63 (1.0)]
<b>2</b>	S. Spaić: Batik tehnika na primeru šaranja jaja voskom pre bojenja, 3. Međunarodna konferencija Upravljanje znanjem i informatika, Kopaonik, 2017, Zbornik radova savetovanja, str. 188-196. [M63 (1.0)]
<b>3</b>	B. Škrbić, S. Spaić, V. Milanko, S. Purić, V. Marinković, T. Božović, T. Ciceri: Thermal biomass treatment: finding optimal sample size for the purpose of determining BTEX compounds, 5th International Scientific Conference Safety Engineering and 15th International Conference Fire and Explosion Protection (ICFP 2016), October 5-7, Novi Sad, Serbia, Book of Proceedings, (2016) 455-464. [M33 (1.0)]
<b>4</b>	B. Simendić, E. Mračková, V. Milanko, S. Spaić, V. Marinković: The significance of determining the morphology and particle size of wood dust for assessment of their explosive properties, The 8th International Scientific Conference Wood and Fire Safety, May 08-12, Štrbské Pleso, Slovakia, Proceedings, (2016) 313-320. [M33 (1.0)]
<b>5</b>	V. Marinković, V. Milanko, S. Spaić, T. Božović, S. Predojević: Određivanje pokazatelja termičke razgradnje ulja suncokreta u cilju određivanja rizika od požara, 11. Međunarodno savetovanje Rizik i bezbednosni inženjering, Kopaonik, 2016, Zbornik radova savetovanja, str. 268-275. [M63 (1.0)]
<b>6</b>	B. Simendić, V. Milanko, S. Spaić, V. Marinković: Mogućnosti analize morfologije i veličina čestica drvene prašine za određivanje njihovih eksplozivnih osobina, 11. Međunarodno savetovanje Rizik i bezbednosni inženjering, Kopaonik, 2016, Zbornik radova savetovanja, str. 131-139. [M63 (1.0)]
<b>7</b>	S. Spaić: Uvoz i izvoz određenih opasnih hemikalija, 11. Međunarodno savetovanje Rizik i bezbednosni inženjering, Kopaonik, 2016, Zbornik radova savetovanja, str. 107-115. [M63 (1.0)]
<b>8</b>	S. Spaić: Vežbanka za nastavnu jedinicu „Oksidi, kiseline, baze, soli“, 2. Međunarodna konferencija Upravljanje znanjem i informatika, Kopaonik, 2016, Zbornik radova savetovanja, str. 61-72. [M63 (1.0)]
<b>9</b>	V. Marinković, V. Milanko, S. Spaić, S. Branovački, T. Božović, B. Škrbić: PAHs In Products of Combustion and Thermal Decomposition Under Atmospheric Conditions of Poplar Wood Sawdust, International Conference on Advanced Technology & Sciences (ICAT'15), August 04-07, Antalya, Turkey, Proceedings, (2015) 83-88. [M33 (1.0)]

**Research interest:**

1. Chemistry
2. Organic chemistry
3. Hazardous chemicals
4. Chemistry of photographic processes
5. Combustion process

**Professional Activities, Recognition and Other Information**

- Durring 2011/2012 passed all 14 exams at Serbian Chemicals Agency by which he qualified for lecturing, training and checking the knowledge of chemical advisors from all 14 thematic units.

**No.12**

<b>Name and surname:</b>	<b>Branko M. Babić</b>
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Protection and rescue 1	B Appl. Sc
<b>2</b>	Protection and rescue 2	B Appl. Sc
<b>3</b>	Integrated protection system	B Appl. Sc
<b>4</b>	Disaster management	Spec. B Appl. Sc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Planning and management in disaster protection

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Babić B. Integrisani sistemi zaštite i spasavanja, VTŠSS, Novi Sad, 2013.
<b>Journal Articles</b>	
<b>1</b>	Babić, B., "Funkcionisanje zaštite i spasavanja na teritoriji opštine-grada", Ministarstvo odbrane RS, Vojno delo Interdisciplinarni naučno-teorijski časopis, Proleće 2014., Godina LXVI, strana 258 - 288;
<b>2</b>	Babić, B., "Procena ugroženosti subjekata odbrane", Naučno stručni časopis Monitoring i ekspertiza u bezbednosnom inženjeringu, VOL.4, No1/214, MESE časopis, strana 7 - 17
<b>3</b>	Babić B.: Stres i posledice stresa na radnom mestu, Vojno delo, 2011, No 1, pp. 329-345, ISSN 0042-8426, UDK: 159.944.4
<b>4</b>	Babić B.: Interdisciplinarni naučno-teorijski časopis, Vojno delo, 2014, ISSN 0042-8426, UDK: 355.359
<b>Conference Papers</b>	
<b>1</b>	Babić, B., "Planovi zaštite javnih preduzeća i životna sredina", Zbornik radova sa Drugog naučno-stručnog skupa Politehnik-2013. sa međunarodnim učešćem
<b>2</b>	Babić, B., "Protection plans against accidents in economic corporations and population safety"; "Planovi zaštite od udesa privrednih društava i bezbednost stanovništva", Šesta Međunarodna naučna konferencija - SED 2013", Užice, 04. - 05. oktobar. 2013.
<b>3</b>	Babić, B., "Importance Of Protection Plans Against Accidents To Population Safety", "Značenie planirovania meropriyatij po zaštite naselenia ще чрезвычайных ситуаций", Sankt Peterburg, 18.12.2013.
<b>4</b>	Babić, B., "Jedinice lokalne samouprave u sistemu zaštite i spasavanja Republike Srbije", Međunarodnog savetovanja "Rizik i bezbednosni inžiniring", Kopaonik, 01.- 08.02.2014.
<b>5</b>	Babić, B., "Kompleksnaya sistema zaštity i spasenija", Meždunarodnaya naučno-praktičeskaya konferencija, Sank-Peterburg, 28 - 29. maja 2014., strana 13 - 16;
<b>6</b>	Babić, B., "Mesto i uloga sektora za vanredne situacije u sistemu zaštite i spasavanja Republike Srbije", 9. Mednarodna znanstvena in strokovna konferenca MENEDŽMENT IN VARNOST, Moravske Toplice, Hotel Vivat, Slovenija, 13. - 14. 6. 2014.
<b>7</b>	Babić, B., "Upravljanje rizicima od elementarnih nepogoda u lokalnoj samoupravi", XLI Simpozijuma o operacionim istraživanjima, SYM-OP-IS 2014., Divčibare, 16 - 19.09.2014., strana 694 - 699
<b>8</b>	Babić, B., "Civilna zaštita Republike Srbije", 5. međunarodni stručno-znanstveni skup "Zaštita na radu I zaštita zdravlja", Zadar, 17 - 20. septembra 2014., strana 833 - 839

**Research interest:**

1. Disaster management
2. Integrated Natural Disaster Risk Management
3. Planning and organizing activities during events with catastrophic consequences

**Professional Activities, Recognition and Other Information**

- Expert Exam for risk assessment in emergency situations

**No.13**

<b>Name and surname:</b>	Branko M. Milisavljević
<b>Academic or scientific title:</b>	PhD, professor
<b>Affiliation:</b>	Higher Technical School of Professional Studies in Novi Sad

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	Mechanics 1	B Appl. Sc
2	Mechanics 2	B Appl. Sc
3	Fundamentals of thermal engineering	B Appl. Sc
4	Heating and air-conditioning	B Appl. Sc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Design in stationary systems (elective block 2)
2	Facilities and systems under pressure (elective block 2)

**Research and scholarly output**

Journal Articles	
1	Noël Challamel, Anisio Andrade, Dinar Camotim, Branko M. Milisavlevich: "Flexural – Torsional Buckling of Cantilever Strip Beam – Columns", Journal of Engineering Mechanics – ASCE, 136 (2010), pp. 787– 800.
2	Milisavljević, B.: Intenzifikacija gravitacionog položaja, Monitoring i ekspertiza u Bezbednosnom inženjeringu, Vol. 2, 3/2012, 42 – 46. ISSN 2217-6608
Conference Papers	
1	Milisavlevich, B. M., Zeljković, M., Gatalo, R.: "The Nonlinear Model of a Chatter and Bifurcation". Proceedings of the 5th Engineering Systems Design and Analysis Conference, Design and Analysis, The 5th Biennial Conference on Engineering Systems Design and Analysis, (July 10 – 13, 2000, Montreux, Switzerland), pp. 391 – 398, (2000). New York, The American Society of Mechanical Engineers, 2000.
2	Milisavljević, B.: "The heat field into masonry exterior building walls subjected to the interior fire", Proceedings of the 3 <sup>rd</sup> Intern. Scientific Conference: Fire Engineering. 2010, pp. 251
3	Milisavljević, B., Segedinac, T.: "Primena konačnih Markovljevih lanaca na rizike od požara", Zbornik radova, Rizik i bezbednosni inženjering 31.01. - 05.02.2011. godine, str. 364 – 367, Kopaonik – hotel "Putnik"
4	Milisavljević, B.: "Lateral – Torsional Buckling for a Deep Cantilever Beam Subjected to fire", Sbornik
5	Milisavljević, B.: Optimizacija procesa filtracije gasova. Zbornik radova, Rizik i bezbednosni inženjering 29. januar – 04. februar 2012, str. 265 – 269, Kopaonik
6	Milisavljević, B., Nikolić, B.: Uticaj nekih tehnoloških karakteristika struga struga na dinamiku i nestacionarnost rizika, Zbornik radova, Rizik i bezbednosni inženjering 2. – 6. februar 2013, str. 1 – 8., Kopaonik

**Research interest:**

1. Fluid dynamics
2. Hazardous gases filtration
3. Thermodynamics of processes

**Professional Activities, Recognition and Other Information**

- License for responsible project manager for designing thermodynamical systems

# BOSNIA & HERZEGOVINA

## UNIVERSITY OF TUZLA Faculty of Mining, Geology and Civil Engineering Tuzla

No.1

Name and surname:	Damir Zenunovic
Academic or scientific title:	PhD
Affiliation:	Civil Engineering Structures

### Teaching

No.	List of subjects	Study programme and the level of the stud
1.	Strength of Materials	BSc
2.	Concrete Structures	BSc
3.	Testing of Structures	BSc
4.	Composite Structures	BSc
5.	Concrete Structures	MSc

No.	Potential subjects in new study programme developed within the K-FORCE project
1.	Assessment of damaged civil engineering structures

### Research and scholarly output

Books, monographs and chapter in books and monographs	
1.	Basis of Earthquake Engineering, University of Tuzla, 2017.
2.	Handbook of International Bridge Engineering, Chapter Bridge in Bosnia and Herzegovina, CRC Press, 2014.
3.	Composite structures steel-concrete, University of Novi Sad, 2009.
4.	Structural concrete according to EC2, University of Tuzla, 2006.
Journal Articles	
1.	Zenunović D., Topalović M., Folić R.: System identification of RC girder bridges based on field measurements and numerical simulations, Tehnički vjesnik, Vol.22, No.3, doi:10.17559/TV-20140603143241, Elsevier Ltd., 2015, pp.667-675; (Impact Factor (2015): 0.464)
2.	Zenunović D., Topalović M., Folić R.: Identification of Modal Parameters of Bridges Using Ambient Vibration Measurements, Shock and Vibration, Volume 2015, Article ID 957841, 21 pages, <a href="http://dx.doi.org/10.1155/2015/957841">http://dx.doi.org/10.1155/2015/957841</a> (Impact Factor (2017): 0.880)
3.	Folić R., Zenunović D.: Models for behaviour analysis of monolithic wall and precast or monolithic floor slab connections, Engineering Structures, Volume 40, July 2012, doi:10.1016/j.engstruct.2012.03.007, Elsevier Ltd., 2012., pp. 466-478; 5-Year Impact Factor: 1.678
4.	Folić R., Zenunović D.: Durability problem of RC structures in the Tuzla industry zone – two case studies, Engineering Structures 32 (2010), doi:10.1016/j.engstruct.2010.03.004, Elsevier Ltd., 2010., pp.1846-1860; 5-Year Impact Factor: 1.678
5.	Folić R., Zenunović D.: Repair methodology of reinforced concrete cooling towers, Concrete Engineering International, Volume 13, Number 2, Summer 2009, Holbrooks Printers, Portsmouth, Hampshire, UK, 2009., pp. 55-57.

<b>Conference Papers</b>	
<b>1.</b>	Zenunović D., Folić R., Ibrahimović A., Mandžić K.: Risk analysis in civil engineering, Proceedings of the 3rd International Scientific Meeting E-GTZ 2016, Tuzla, Bosnia and Herzegovina, 2016, pp.809-816.
<b>2.</b>	Zenunović D., Folić R., Topalović M., Husejnagić E.: Analysis of site effects on bridge structures by ambient vibration measurements, 13th International Scientific Conference INDIS, Novi Sad, Serbia, 2015, Paper No. 52.
<b>3.</b>	Zenunović D., Folić R.: The adverse effects in building structures caused by the action of the environment, Proceedings of the International Symposium on Researching and Application of Contemporary Achievements in Civil Engineering in the Field of Materials and Structures, Vrnjacka Banja, Serbia, 2014., pp. 307-320.
<b>4.</b>	Folić R., Zenunović D., Liolios A.: Recommendation for seismic upgrading of damaged RC structures, 15th International Conference – Structural Faults + Repair 2014, 2014., Edinburgh, Scotland, Paper No.1353.
<b>5.</b>	Ristić D., Bruić Z., Folić R., Ristić J., Bošković M., Zlatkov D., Vučinić M., Zdravković S., Zenunović D., Lako A.: RESIN: New Research Network of South East Europe for Seismic Protection of Structures by Innovative Technologies – Part 1, Proceedings of the Fourth International Conference „Earthquake Engineering and Engineering Seismology“, Bor, Serbia, 2014., pp. 161-176.
<b>6.</b>	Folić R., Lađinović Đ., Zenunović D.: Robustness versus progressive collapse of RC buildings, Proceedings of the International Conference - Contemporary Achievements in Civil Engineering, Subotica, Serbia, 2014., pp. 59.
<b>7.</b>	Zenunović D., Folić R., Rešidbegović N.: Application of contemporary methods for assessment of corroded reinforced concrete (RC) structures, Proceedings of the 8th International Conference, ACES 2013, Assessment, Maintenance and Rehabilitation of Structures and Settlements, Bor, Serbia, may 2013, pp.259-264.
<b>8.</b>	Zenunović D., Husejnagić E., Folić R., Topalović M.: Analysis of influential parameter for modelling of real behavior of bridge, Proceedings of the 12th International Scientific Meeting INDIS, Novi Sad, November 2012., pp. 344-352.
<b>9.</b>	Zenunović D., Husejnagić E., Folić R.,: Measurements of ambient vibration of concrete girder bridges, 14th International Symposium MASE, Struga, Macedonia Proceedings, september 2011., pp. 327-334.
<b>10.</b>	Folić R., Zenunović D.: Durability design of concrete structures – part 2: Modelling and structural assessment, FACTA UNIVERSITAS, Series: Architecture and Civil Engineering, Vol.8, No.1, 2010, DOI: 10.2298/FUACE1001045F, UDC 624.012.3:519.711:620.194(045)=111, 2010., pp.45-66.

**Research interest:**

1. Concrete Structures
2. Composite Structures
3. Earthquake Engineering
4. Durability of Structures
5. Testing of Structures

**Professional Activities, Recognition and Other Information**

Last completed research project: NATO SfP project „Seismic Upgrading of Bridges in South-East Europe by Inventive Technologies“

**Actual research project:** Modelling the service life of concrete structures in industrial zones

No.2

<b>Name and surname:</b>	<b>Kenan Mandžić</b>
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Mechanics, Geomechanics and Geotechnics

**Teaching**

No.	List of subjects	Study programme and the level of the stud
1.	Rock mechanics	BSc
2.	Soil Mechanics	BSc
3.	Geotechnics	BSc
4.	Safety in Geotechnics	BSc
5.	Landslide remediation	BSc
6.	Basics of Geomechanics	BSc
7.	Rock and Soil Mechanics	BSc
8.	Engineering Rock and Soil Mechanics	MSc
9.	Geotechnical work in rocks	MSc

No.	Potential subjects in new study programme developed within the K-FORCE project
1.	Geotechnical Hazards

**Research and scholarly output**

Books, monographs and chapter in books and monographs	
1.	Ibrahimović A., Mandžić K., <i>Landslide Remediation</i> , publisher d.o.o.Mikroštampa, Tuzla, ISBN: 987-9958-9127-5-7, COBIS.BH-ID 20610054
2.	Mandžić E., Mandžić K., Čerimagić Đ., <i>Geotechnomechanics- Experimental rules</i> , publisher d.o.o.Mikroštampa, Tuzla, ISBN: 987-9958-9127-7-1, COBIS.BH-ID 20937990
Journal Articles	
1.	Mandžić E., Sijerčić I., <b>Mandžić K.</b> , Landslide surveying, Proceedings of Faculty of Mining, Geology and Civil Engineering, number XXIX/II, page. 7 – 19, 2005, Tuzla
2.	Ibrahimović A., Gutić K., <b>Mandžić K.</b> , The mechanism and conditions for wedge movement in rock mass, Proceedings Faculty of Mining, Geology and Civil Engineering, number XXX, page. 99 – 105, 2006, Tuzla
3.	Husejnagić E., Arsenović Ž., <b>Mandžić K.</b> , Determination of physical properties of rock masses and engineer geological conditions of the working environment on surface mining by seismo-acoustic test methods, Proceedings Faculty of Mining, Geology and Civil Engineering, number br.29/1, page. 69-77, Tuzla
4.	Mandžić E., <b>Mandžić K.</b> , Ibrahimović A., Shearing strength of limestone along discontinuity, Proceedings Faculty of Mining, Geology and Civil Engineering, number XXX, page. 107-115, 2006, Tuzla
5.	Ibrahimović A., <b>Mandžić K.</b> , Gutić K., Phenomenon and identification of wedge fracture, Proceedings Faculty of Mining, Geology and Civil Engineering, number XXX, page. 85-89, 2006, Tuzla
Conference Papers	
1.	Zenunović D., Folić R., Ibrahimović A., <b>Mandžić K.</b> : Risk analysis in civil engineering, Proceedings of the 3rd International Scientific Meeting E-GTZ 2016, Tuzla, Bosnia and Herzegovina, 2016, pp.809-816.
2.	<b>Mandžić K.</b> , Mandžić E., Ibrahimović A., Kulukčija S., Complex destruction of road, supporting walls and terrain under the influence of water from spring, Proceedings of the 3rd International Scientific Meeting E-GTZ 2016, Tuzla, Bosnia and Herzegovina, 2016

<b>3.</b>	<b>Mandžić K.</b> , Mandžić E., Ibrahimović A., Mandžić E., Sarač I., Investigation and rehabilitation of landslides in the area of "Kalovljakova luka", V Scientific meeting of the Geologist of Bosnia and Herzegovina with International Participation, Proceedings, page. 581-588, 2013, Pale, Bosnia and Herzegovina
<b>4.</b>	<b>Mandžić K.</b> , Ibrahimović A., Zenunović D., Mandžić E., Destruction of old buildings in Tuzla city center due to the subsidence of terrain in the zone of salt exploitation , Bulgarian Academy of Science and Arts, Scientific Institute for Architecture, Construction and Urban Planing, Proceedings of the Internatonal Scientific Conference BASA'2016, 2016 Sofia, Bulgaria
<b>5.</b>	Mandžić E., <b>Mandžić K.</b> , Ibrahimović A., Causes of occurence and conditions for landslide remediation at the Orthodox Cemetery in Ugljevik Proceedings of the 2nd Regional Symposium on Landslides in the Adriatic-Balkan Region, Proceedings, 2015, Belgrade, Serbia,
<b>6.</b>	<b>Mandžić K.</b> , Mandžić E., Mandžić E., Ćerimagić Đ., Development of methods of observation and assessment of railway tunnels and retaining walls in the landslide body "Kukovi" above Jablanica Lake, Association of Civil Engineers of Serbia, Proceedings, Seventh Scientific Symposium, pages 251-257 , 2011, Zlatibor, Serbia
<b>7.</b>	Mandžić E., <b>Mandžić K.</b> , Ibrahimović A.,Geodetic and geotechnical aspects of the landslides research in schist, Association of Civil Engineers of Serbia, Proceedings, Fourth Scientific Symposium - geotechnical aspects of civil engineering, pages 261-267 , 2011, Zlatibor, Serbia
<b>8.</b>	<b>Mandžić K.</b> , Causes and consequences of atypical landslides in Bosnia and Herzegovina in 2014, I Congress of Geologists of Bosnia and Herzegovina with international participation, Key note speaker, Proceedings, 2015, Tuzla
<b>9.</b>	<b>Mandžić K.</b> , Ćerimagić Đ., Ibrahimović A., Mandžić E., Generalizing the conditions for the reconstruction of the road slope in complex engineering geological and geotechnical conditions, Association of Civil Engineers of Serbia, Proceedings, Seventh Scientific Symposium, pages 111-117 , 2011, Zlatibor, Serbia
<b>10.</b>	Ibrahimović A., <b>Mandžić K.</b> , The methodological principles of conditions assessment and selection of protective measures on the projected slope cuts on roads, Association of Civil Engineers of Serbia, Proceedings, Seventh Scientific Symposium, pages 101-111 , 2011, Zlatibor, Serbia

**Research interest:**

1. Rock Mechanics
2. Soil Mechanics
3. Geotechnical research
4. Landslide remediation and risk assessment

**Professional Activities, Recognition and Other Information**

**Member of the societies:**

1. INTERNATIONAL SOCIETY OF ROCK MECHANICS (ISRM)
2. International Consortium on Landslides (ICL)
3. International society for soil mechanics and geotechnical engineering (ISSMGE)
4. SOCIETY FOR GEOTECHNICAL ENGINEERING IN BOSNIA AND HERZEGOVINA (DGBiH)

**Last completed research project:**

Research project "The risk of landslides occurrence and development in Brcko District and the with analysis for prevention and optimal conditions for rehabilitation "  
K.Mandžić,A.Ibrahimović

**Actual research project:**

Research project „Transnational advanced management of land use risk through landslide susceptibility maps design“, Interreg IPA Cross-border Cooperation Programme Croatia - Bosnia and Herzegovina - Montenegro 2014-2020

**No.3**

<b>Name and surname:</b>	<b>Adnan Ibrahimović</b>
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Mechanics, Geomechanics and Geotechnics

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
1.	Strength of Materials	BSc
2.	Foundation	BSc
3.	Slope Stability	BSc
4.	Landslide remediation	BSc
5.	Safety in Geotechnics	BSc
6.	Geotechnics	BSc
7.	Complex Foundation	MSc
8.	Geotechnical underground structures	MSc
9.	Geotechnics in Rocks	MSc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
1.	Geotechnical Hazards

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
1.	Ibrahimović A., Mandžić K., Landslide Remediation, publisher d.o.o. Mikroštampa, Tuzla, ISBN: 987-9958-9127-5-7, COBIS.BH-ID 20610054
<b>Journal Articles</b>	
1.	Ibrahimović A., Babajić E., Engineering-Geological Processes and Phenomena in the Landslide Gornja Dobošnica, Journal: Proceedings Faculty of Mining, Geology and Civil Engineering, No. XXIII, Tuzla, 2001.
2.	Ibrahimović A. et al., Stability Analysis of Traffic Tunnel, Journal: Proceedings Faculty of Mining, Geology and Civil Engineering,, No. XXVII, Tuzla 2004.
3.	Ibrahimović A. et al., Analysis of the Stress-Deformation Condition and Evaluation of Slope Stability in the Rocks, Journal: Proceedings Faculty of Mining, Geology and Civil Engineering, No. XXVIII, Tuzla 2005.
4.	Ibrahimović A., Mandžić K., Gutić K., Phenomenon and Identification of Wedge Fracture, Journal: Proceedings Faculty of Mining, Geology and Civil Engineering, No. XXX, page. 85-89, 2006, Tuzla
	Ibrahimović A., Gutić K., Mandžić K., The Mechanism and Conditions for Wedge Movement in Rock Mass, Journal: Proceedings Faculty of Mining, Geology and Civil Engineering, No. XXX, page. 99 – 105, 2006, Tuzla
6.	Memić M., Folić R., Ibrahimović A., Numerical Modeling and Slope Reparation Methods in an Altered and Unstable Serpentine Rock Mass, Building Materials and Structures, Jurnal for Research of Materials and Structures, Vol. 55, N° 4, Society for Materials and Structures Testing of Serbia, Beograd, December 2012., pp. 23 – 45.
7.	Memić M., Folić R., Ibrahimović A., Comparative Analysis of Evaluation Methods od the Dislocation of Flexible Anchored Concrete Diaphragm Walls, Building Materials and Structures, Journal for Research of Materials and Structures, Vol. 56, N° 2, Society for Materials and Structures Testing of Serbia, Beograd, June 2013., pp. 19– 43.
8.	Mandžić K., Ibrahimović A., Influence of Volume Weight on Gabbro Uniaxial Compression Strength, Archives for Technical Science, Year VII, . 12., Technical Institute of Bijeljina, Bijeljina, pp. 9–18.

<b>Conference Papers</b>	
<b>1.</b>	M. Mulać, A. Ibrahimović, The Frequency of Landslides in the Area of the Municipality of Tuzla and Their Impact on Spatial Planning, Proceedings of the Second Scientific - Professional Conference: Geotechnical Aspects of Civil Engineering, Soko Banja, October 30 - November 2, 2007.
<b>2.</b>	Ibrahimović A. et al., Hazard and Risk Rock Slopes, Proceedings of the VI Scientific-Professional Meeting: Assessment, Maintenance and Repairs of Buildings and Settlements, Divčibare, May 2009, p. 141-150.
<b>3.</b>	A. Ibrahimović, The Possibility of Determining the Correlation Value of the Safety Factor of Slopes Formed in Different Rocks, Proceedings of the First National Symposium with International Participation Teiko 2010, Theoretical and Experimental Research of Structures and Their Application in the Civil Engineering, Niš, March 2010, pp. D-71 - D-80.
<b>4.</b>	Ibrahimović A., Selection of the Optimum Geotechnical Protective Measures on Slope of Road Cutting, 15 <sup>th</sup> International Research/Expert Conference: Trends in the Development of Machinery and Associated Technology, TMT 2011, Prague, Czech Republic, 12. – 18. September 2011., pp. 945 – 948.
<b>5.</b>	Ibrahimović A, Mandžić K. et al., Assessment and Vulnerability Settlements in the Cases of the Landslide Great Manifestations Magnitude, Ninth International Scientific Advisory Assessment of the Situation, Maintenance and Repairs of Buildings and Settlements, Association of Civil Engineers of Serbia, Zlatibor, 25th-29th May 2015, p. 523-532.
<b>6.</b>	Zenunović D., Folić R., Ibrahimović A., Mandžić K.: Risk Analysis in Civil Engineering, Proceedings of the 3rd International Scientific Meeting E-GTZ 2016, Tuzla, Bosnia and Herzegovina, 2016, pp.809-816.

**Research interest:**

- 1. Rock Mechanics**
- 2. Soil Mechanics**
- 3. Geotechnical Engineering**
- 4. Landslide Remediation and Risk Assessment**

**Professional Activities, Recognition and Other Information**

- **Member of the societies:**
  1. INTERNATIONAL SOCIETY OF ROCK MECHANICS (ISRM)
  2. INTERNATIONAL CONSORTIUM ON LANDSLIDES (ICL)
  3. INTERNATIONAL SOCIETY FOR SOIL MECHANICS AND GEOTECHNICAL ENGINEERING (ISSMGE)
  4. SOCIETY FOR GEOTECHNICAL ENGINEERING IN BOSNIA AND HERZEGOVINA (DGBiH)
- **Last completed research project:**  
Research Project "The Risk of Landslides Occurrence and Development in Brcko District and the with Analysis for Prevention and Optimal Conditions for Rehabilitation"  
K.Mandžić, A.Ibrahimović
- **Actual research project:**  
Research Project „Transnational Advanced Management of Land Use Risk Through Landslide Susceptibility Maps Design“, Interreg IPA Cross-Border Cooperation Programme Croatia - Bosnia and Herzegovina - Montenegro 2014-2020

**No.4**

<b>Name and surname:</b>	<b>Rijad Šišić</b>
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Mining, geoenvironmental engineering, safety

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
<b>1</b>	Fluid Mechanics, climatology and aerology	BSc
<b>2</b>	Mining thermodynamics	BSc
<b>3</b>	Safety standards and legislation	BSc
<b>4</b>	Fire and explosion protection	BSc
<b>5</b>	Ergonomics in safety	BSc
<b>6</b>	Fluid mechanics and drilling hydraulics	BSc
<b>7</b>	Mining ventilation design and optimization	Msc
<b>8</b>	Geoenvironmental risk management	Msc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Fire safety engineering and evacuation modelling
<b>2</b>	Risk management in mining and thermal energy sector

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Theory of combustion and explosion, University of Tuzla, 2010
<b>2</b>	Fires and explosions in mining and industry, University of Tuzla, 2012
<b>3</b>	Fluid mechanics, climatology and aerology, University of Tuzla, 2007
<b>Journal Articles</b>	
<b>1</b>	R. Šišić, Z. Osmanović, E. Delić, Z. Karadžin, M. Aličić, <i>Rezultati ispitivanja efikasnosti suvog odsumporavanja dimnih gasova iz kotlova na ugalj malog kapaciteta</i> , TEHNIKA Beograd, Savez inžinjera i tehničara Srbije
<b>2</b>	N. Todorović, E. Delić, R. Šišić, E. Nukić, <i>Kinematska analiza uticaja dinamike napredovanja širokočelnih otkopa na spontanu oksidaciju uglja</i> , Glasnik Rudarsko-geološko-građevinskog fakulteta Tuzla, 2015/3
<b>3</b>	J. Markovic, R. Sisic, S. Demirovic: <i>Testing of dust explosion characteristics of brown coal at reduced oxygen content</i> , TTEM Technics Technologies Education Management Journal, Vol. 10, No. 2, 2015.
<b>4</b>	Z. Karadžin, R. Šišić, E. Delić, Z. Osmanović, <i>Mogućnosti smanjenja post-rudarskih okolinskih rizika u toku životnog ciklusa rudnika</i> , Zbornik radova, Rudarsko-geološko-građevinski fakultet Tuzla, Tuzla, 2012
<b>5</b>	Z. Karadžin, R. Šišić, E. Delić, A. Fejić, <i>Uticaji na okoliš kod odlaganja produkata izgaranja iz bloka 7 Termoelektrane Tuzla u otkopane prostore površinskih kopova rudnika uglja</i> , Zbornik radova, Rudarsko-geološko-građevinski fakultet Tuzla, Tuzla, 2012
<b>Conference Papers</b>	
<b>1</b>	Z. Osmanović, Z. Karadžin, R. Šišić, <i>Risk analysis of the industrial waste in the urban areas</i> , GTZ, juni 2016
<b>2</b>	E. Ajanović, Z. Karadžin, R. Šišić, <i>Upravljanje rizicima u svim životnim fazama rudnika (kao zakonska obaveza) u rudarskoj industriji</i> , GTZ, juni 2016
<b>3</b>	E. Delić, A. Savatić, N. Todorović, R. Šišić, E. Nukić, <i>Termografska detekcija spontane oksidacije u podzemnim rudnicima uglja</i> , 8. Naučno-stručni skup sa međunarodnim učešćem "KVALITET 2013", Neum, BiH

<b>4</b>	A. Basic, R. Celikovic, E. Husejnagic, R. Sisic, <i>Comprehensive Value Assessment of Surfaces Affected by Underground Mining</i> , 16th International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology", TMT 2012, Dubai, UAE, 10-12 September 2012
<b>5</b>	R. Šišić, M. Hamustafić, E. Delić, Z. Karadžin, <i>CFD studija ekstremnih aerooloških uslova prilikom poletno-sletnih manevara na Međunarodnom aerodromu Dubrave</i> , IV. međunarodni stručno-znanstveni skup ZAŠTITA NA RADU I ZAŠTITA ZDRAVLJA, 19.-22. IX. 2012., Borik – Zadar, Hrvatska

**Research interest:**

1. **Underground ventilation, aerology**
2. **Geoenvironmental risks assessment**
3. **Fire and explosion protection**

**Professional Activities, Recognition and Other Information**

- **Member of the societies:** National Institute for Standardization (BAS)
- **Last completed research project:**
  - a) NATO Science fo Peace project No. 983305 "Development of a Monitoring System to Counter manage the Risks of Subsidence Deformation on the Population of Tuzla (DEMOS)"
  - b) DAAD-Projekat - Zaštita okoliša – Katastar divljih deponija: 2001-2002, Univerzitet Kaiserslautern-Njemačka, Univerzitet - Banja Luka, Sveučilište - Mostar, Univerzitet – Tuzla, Kaiserslautern, Banja Luka, Mostar

No.5

<b>Name and surname:</b>	Jelena Marković
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Geoenvironmental engineering

**Teaching**

No.	List of subjects	Study programme and the level of the stud
1.	Natural hazards and disasters	BSc
2.	Theory of combustion and explosion	BSc
3.	Natural hazards, fires and explosions	BSc
4.	Chemical and physical measurements in mining	BSc
5.	Fire and explosion expert analysis	MSc

No.	Potential subjects in new study programme developed within the K-FORCE project
1.	Fire safety engineering and evacuation modelling
2.	Risk management in mining and thermal energy sector

**Research and scholarly output**

Books, monographs and chapter in books and monographs	
1.	Theory of combustion and explosion, University of Tuzla, 2010
2.	Fires and explosions in mining and industry, University of Tuzla, 2012
3.	Coal fires, University of Tuzla, 2005.
4.	Ecology of soil, 2002.
Journal Articles	
1.	S.Mičević, J.Marković: The change of technical characteristics of coal dust as parameters for defining the location of inflammation and the explosion of coal dust, Ex-bilten Zagreb, Croatia, Vol. 44, br. 1-2. 2016, ISSN 1845-0172 (d1-d5)
2.	J.Marković, R.Šišić, S.Demirović: Testing of dust explosion characteristics of brown coal at reduced oxygen content, Journal of Society for Development of Teaching and Business Processes in new net Environment in B&H, TTEM, ISSN 1840-1503, Vol.10 (2015), No2
3.	J.Marković, S.Mičević: Methane outburst at water exploration drillhole, Ex-bilten Zagreb, Croatia, Vol. 43, br. 1-2. 2015, ISSN 1845-0172 (d1-d4)
4.	J.Marković, M.Mačković: The importance of knowing the minimum ignition temperature of explosive dust clouds in determining the LEL of dust in a hybrid mixture, Ex-bilten Zagreb, Croatia, Vol. 42, br. 1-2. 2014, ISSN 1845-0172 (c1-c6)
5.	S.Mičević, J.Marković, M.Mačković: Inertization in coal dust, Ex-bilten Zagreb, Croatia, Vol. 40, br. 1-2, 2012, ISSN 1845-0172 (h1-h6).
Conference Papers	
1.	M.Lišić, J.Marković: Učinak provođenja tehničkih mjera pri prijemu uljarica u cilju spriječavanja pojave endogenih požara u silosima, GEOSCIENCES APPLIED TO SOLVE HUMANITARIAN PROBLEMS ALL OVER THE WORLD May 24-26, 2017, Belgrade, Serbia
2.	D.Malkočević, J.Marković: ELECTROSTATIC RISK – „RIBC“ PLASTIC CONTAINERS WITH FLAMMABLE LIQUIDS, 9. Međunarodna Ex tribina: Institut za preventivu, zaštitu na radu, protupožarnu zaštitu i razvoj d.o.o., Fruška gora, 01-02.juni 2017. Serbia
3.	D.Malkočević, J.Marković: FIRE RISK MANAGEMENT IN THE OIL EXTRACTION PROCESS – IMPORTANCE OF EMPLOYEE TRAINING , Proceedings of the 3rd International Scientific Meeting E-GTZ 2016, Tuzla, Bosnia and Herzegovina, 2016, pp. 799-807.

<b>4.</b>	J.Markovic, S.Mičević, Z.Karadžin: IMPACTS OF SLAG AND ASH DEPOSITION ON SURROUNDING AGRICULTURAL SOIL, 19 <sup>th</sup> International Research/Expert Conference "Trends in the Development of Machinery and Associated Technology" TMT 2015, Barcelona, Spain, 22-23 July 2015
<b>5.</b>	S.Mičević, J.Marković, J.Sadadinović, E.Babajić, A.Babajić: Analyses of the river sediments on the mouth of the Spreča river into the Modrac accumulation with goal of definition its using value, 2 <sup>nd</sup> International Symposium on Environmental and Material Flow Management "EMFM 2012" Zenica, B&H, 07-09 June 2012 (pp.89-95).
<b>6.</b>	J. Marković, E. Nukić, M. Delmanović: Preliminarna procjena poplavnih rizika na području općine Lukavac, International Conference on Inovative Technologies In Safety Engineering Vol. 1 (2015), No. 1, Rijeka, Croatia, pp.31-35
<b>7.</b>	S.Demirović, S.Gutić, J.Marković: Gas Pollutants and Dust od Truck Transport on the Open Pit „Grivice“ RMU „Banovići“: 23 <sup>rd</sup> International Mining Congress & Exhibition of Turkey, 16-19 April 2013. Antalya (pp.187-194)
<b>8.</b>	S.Mičević, J.Marković, A.Bašić, A.Adilović: "Contents of Pb, Zn, Ni, Cd and Ti in sedimentary dust in the city of Tuzla, 14 <sup>th</sup> International Research/Expert Conference TMT, Mediterranean Cruise, septembar 2010 (pp. 317-320).

**Research interest:**

- 1. Natural Hazards**
- 2. Environmental protection**
- 3. Explosive, aggressive and flammable dust**
- 4. Toxic, flammable and explosive gasses**

**Professional Activities, Recognition and Other Information**

**Last completed research project:**

- 1. DAAD-Projekat - Zaštita okoliša – Katastar divljih deponija: 2001-2002, Univerzitet Kaiserslautern-Njemačka, Univerzitet - Banja Luka, Sveučilište - Mostar, Univerzitet – Tuzla, Kaiserslautern, Banja Luka, Mostar,**
- 2. Studija uticaja na okoliš autosece Orašje – Šićki Brod (LOT-1; LOT-2; LOT-3; LOT-4; LOT-5) Rudarsko-geološko-građevinski fakultet, 2011/12, Tuzla**

**Actual research project:**

Ispitivanja eksplozivnih karakteristika zapaljivih prašina

**No.6**

<b>Name and surname:</b>	Zvezdan Karadžin
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Mining, geoenvironmental engineering, safety

**Teaching**

No.	List of subjects	Study programme and the level of the stud
1	Environmental protection	BSc
2	Geo-environmental engineering	BSc
3	Energy resources and energy sector	BSc
4	Safety in mining and energy sector	BSc
5	Occupational safety	BSc
6	Means and equipment for individual and collective protection	BSc
7	Geo-environmental risk management	Msc
8	Contemporary technologies and equipment for fire protection	Msc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Fire safety engineering and evacuation modelling
2	Risk management in mining and thermal energy sector

**Research and scholarly output**

Books, monographs and chapter in books and monographs	
1	Contemporary theories and calculations of ground pressure, Tuzla Mining Institute, 2005
2	Ecology, new prospective, new ecological awareness, Tuzla, 2012
3	Potential hazards in underground mines, Tuzla, 2016
Journal Articles	
1	R. Šišić, Z. Osmanović, E. Delić, Z. Karadžin, M. Aličić, <i>Rezultati ispitivanja efikasnosti suvog odsumporavanja dimnih gasova iz kotlova na ugalj malog kapaciteta</i> , TEHNIKA Beograd, Savez inžinjera i tehničara Srbije, 2016
2	J. Marković, S. Mičević, Z. Karadžin; Impacts of slag and ash deposition on surrounding agricultural soil TMT 2015 Proceedings, 19 <sup>th</sup> International Research/Expert Conference „Trends in the Development of Machinery and Associated Technology“, , Barcelona, Spain, 2015
3	Z. Karadžin, R. Šišić, E. Delić, Z. Osmanović ; Possibilities of reducing post-mining environmental risks during life cycle of mines, Zbornik radova, Glasilo Rudarsko-geološko-građevinskog fakulteta Tuzla, Tuzla, 2012.
4	Z. Karadžin, R. Šišić, E. Delić, Z. Osmanović, <i>Mogućnosti smanjenja post-rudarskih okolinskih rizika u toku životnog ciklusa rudnika</i> , Zbornik radova, Rudarsko-geološko-građevinski fakultet Tuzla, Tuzla, 2012
5	Z. Karadžin, R. Šišić, E. Delić, A. Fejzić, <i>Uticaji na okoliš kod odlaganja produkata izgaranja iz bloka 7 Termoelektrane Tuzla u otkopane prostore površinskih kopova rudnika uglja</i> , Zbornik radova, Rudarsko-geološko-građevinski fakultet Tuzla, Tuzla, 2012
Conference Papers	
1	Z. Osmanović, Z. Karadžin, R. Šišić, <i>Risk analysis of the industrial waste in the urban areas</i> , GTZ, juni 2016

<b>2</b>	E. Ajanović, Z. Karadžin, R. Šišić, <i>Upravljanje rizicima u svim životnim fazama rudnika (kao zakonska obaveza) u rudarskoj industriji</i> , GTZ, juni 2016
<b>3</b>	R. Šišić, M. Hamustafić, E. Delić, Z. Karadžin, <i>CFD studija ekstremnih aeroloških uslova prilikom poletno-sletnih manevara na Međunarodnom aerodromu Dubrave</i> , IV. međunarodni stručno-znanstveni skup ZAŠTITA NA RADU I ZAŠTITA ZDRAVLJA, 19.-22. IX. 2012., Borik – Zadar, Hrvatska
<b>4</b>	Karadžin, Z., "Western Balkans Environmental Hot Spots Programme, Bosnia and Herzegovina", Regional Expert Meeting, Budva, Crna Gora, 2009.
<b>5</b>	Z.Karadžin, «Introduction of contemporary environment monitoring system in coal mining industry of Bosnia and Herzegovina», Regionalna konferencija o uticaju rударства na okolinu u jugoistočnoj Evropi pod okriljem UNDP, OSCE, UNEP , NATO Environment and Security initiative for Southeast Europe (EnvSec), Cluj – Rumunija, 2005.

**Research interest:**

1. **Environmental protection**
2. **Geo-environmental engineering**
3. **Safety in underground mining and energy sector**

**Professional Activities, Recognition and Other Information**

- **Member of the Senate of University of Tuzla april 2017-to date**
- **Minister of Urban planning and Environmental protection, Government of Tuzla Canton, 2014-2015**
- **BiH representative in EnvSec initiative (UNEP, UNDP, OSCE, NATO) for reducing impacts of mining in SouthEast Europe, 2005-2012**
- **BiH representative in Westernbalkan Environment program (UNDP), 2010**
- **BiH representative for coal sector in PHARE project "Harmonised approach to exploitation of oil and coal in black sea region", 2000**

No.7

<b>Name and surname:</b>	<b>Elvir Babajic</b>
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Petrology, Mineralogy, Geochemistry, Metallogeny

**Teaching**

No.	List of subjects	Study programme and the level of the stud
1.	Basic Petrography	BSc
3.	Petrology of igneous and metamorphic rocks	BSc
4.	Sedimentology	BSc
5.	Test methods of mineral resources	BSS
6.	Petrology and geochemistry of Bosnia and Herzegovina rocks	PhD

No.	Potential subjects in new study programme developed within the K-FORCE project
1.	Geotechnical hazards

**Research and scholarly output**

<b>Journal Articles</b>	
1.	<u>Babajić, E.</u> , Salkić, Z., Babajić, A., Stević, M. i Jovović, M. (2013): Qualitative characteristics of bauxite „Oštrelj“ near Bosanska Krupa. Archive for Technical Sciences 2014, 10(1), 1-8. Original scientific paper, UDC:551.2:624.153.7(497.6), DOI:10.7251/afts.2014.0610.001B. COBISS.RS-ID:4224280, Tehnički Institut Bijeljina.
2.	Šegvić, B., Kukoč, D., Dragičević, I., Vranjković, A., Brčić, V., Goričan, Š., <u>Babajić, E.</u> i Hrvatović, H. (2014): New record of middle jurassic radiolarians and evidence of neotethyan dynamics documented in a mélange from the Central Dinaridic Ophiolite Belt (CDOB, NE Bosnia and Herzegovina). Ofioliti, 2014, 39 (1), 31-41 - doi: 10.4454/ofioliti.v39i1. 427 31.
3.	Mičević, S., <u>Babajić, E.</u> i Jeleč, N. (2010): Determinacija karbonata metodom kalcimetrije i silikatne analize u ležištu "Kongora" (Tomislavgrad). Zbornik radova RGGF-a, specijalno izdanje, str. 83-95, Tuzla, 2010. godine.
<b>Conference Papers</b>	
1.	Zekan, S., Jašarević, I., <u>Babajić, E.</u> i Alić, N. (2010): Engineering-geological and geotechnical aspects of the Sava terrace shown in the example of the Tuzla-Orašje highway project. CETRA 2010, First International Conference on Road and Rail Infrastructure, Opatija, Hrvatska.
2.	<u>Babajić, E.</u> , Lugović, B., Salkić, Z. i Babajić, A., (2011): Hemijski sastav olivina mafitnih stijena Krivaja-Konjuh ofiolitnog kompleksa u funkciji petroloških razmatranja. Zbornik sažetaka radova str. 56 - 57., IV savjetovanje geologa Bosne i Hercegovine sa međunarodnim učešćem, Ilidža, Sarajevo. ABSTRAKT.
3.	Salkić, Z., Lugović, B., Salihović, S., <u>Babajić, E.</u> i Babajić, A., (2011): Mineraloško-petrografska i geoheimska obilježja tercijskih dacita Kolića, kod Nemile. Zbornik radova, str. 45-57., IV savjetovanje geologa Bosne i Hercegovine sa međunarodnim učešćem, Ilidža, Sarajevo.
4.	<u>Babajić, E.</u> , Mandžić, K., Babajić, A. i Mandžić, E., (2011): Uticaj hemijskog sastava na otporne parametre dijabaza na kamenolomu Ribnica. Zbornik radova, II simpozijum sa međunarodnim

	učešćem „Rudarstvo 2011“, Stanje i perspektive u rudarstvu i održivi razvoj, str. 651 – 657, Vrnjačka Banja, Srbija.
5.	Mičević, S., Marković, J., Sadadinović, J., <u>Babajić, E.</u> i Babajić, A., (2012): Analyses of the river sediments on the mouth of the Spreča river into the Modrac accumulation with goal of definition its using value. 2 <sup>nd</sup> International Symposium on Environmental and Material Flow Management, “EMFM 2012” Zenica, BiH, 07.06 – 09.06. 2012.
6.	Mandžić, E., Ćerimagić, Đ., Mandžić, K. i <u>Babajić, E.</u> , (2012): Inženjerskogeološki i hidrogeološki uslovi u padini stijenskog masiva „Kukovi“. III simpozij “Rudarstvo 2012” sa međunarodnim učešćem, Zlatibor, Srbija.
7.	Babajić, A., Salkić, Z. i <u>Babajić, E.</u> (2013): Petrografske odlike i nomenklatura stijena kamenoloma Ribnica kod Banovića. Zbornik radova, str. 147 - 159., V savjetovanje geologa Bosne i Hercegovine sa međunarodnim učešćem, Pale, Sarajevo.
8.	Šegvić, B., Vranjković, A., Kukoč, D., Brčić, V., Goričan, Š., <u>Babajić, E.</u> , Hrvatović, H. Dragičević, I., i Pađen, M. (2014): <i>Middle jurassic radiolarians from ophiolitic mélange of Dinaride Ophiolite Zone (DOZ) - age and geodynamic significance (Papratnica river, northern Bosnia and Herzegovina)</i> . Zbornik radova 16. Kongres geologa Srbije / Cvetković, Vladica (ed). - Beograd : Šprint , 2014. 82-84 (ISBN: 978-86-86053-14-5). Donji Milanovac. ABSTRAKT.
9.	<u>Babajić, E.</u> , Idrizović, A., Keserović, M., i Karajić, E. (2014): Gips-anhidriti Gornjeg Vakufa kao građevinski material. VIII regionalni Kongres studenata geotehnoloških fakulteta GEOREX, str. 175-182. Ohrid, Makedonija.

#### Research interest:

1. Petrology of ophiolites,
2. Optical investigations of mineral resources,
3. Test methods of raw materials and
4. Alteration processes in rocks.

#### Professional Activities, Recognition and Other Information

**Last completed research project:** "Petro-chemical characterisation of igneous mafic rocks of Konjuh and Majevica mountains". University of Tuzla, Office for scientific and investigation work.

**Actual research project:** "Heavy metals concentration in Tuzla city soil". Federal Ministry of education, science and culture of Bosnia and Herzegovina Federation.

**UNIVERSITY OF BANJA LUKA**  
**Faculty of Architecture, Civil Engineering and Geodesy**  
**Banja Luka**

No.1

Name and surname:	Gligor Radenkovic
Academic or scientific title:	Associate Professor
Affiliation:	University of Belgrade

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
	Dynamic analysis of structures	BSc Study program, Faculty of Architecture, Civil Engineering and Geodesy Banja Luka.
	Theory of structures 1	BSc Study program, Faculty of Architecture, Civil Engineering and Geodesy Banja Luka.
	Theory of structures 2	BSc Study program, Faculty of Architecture, Civil Engineering and Geodesy Banja Luka.
	Finite element method	BSc Study program, Faculty of Architecture, Civil Engineering and Geodesy Banja Luka.
	Theory of structures	BSc Study program, Faculty of Civil Engineering Belgrade, Serbia

No.	Potential subjects in new study programme developed within the K-FORCE project
	Modeling of Constructions

**Research and scholarly output**

Books, monographs and chapter in books and monographs (add as many raw as you need)	
	S. Vukelić, G. Radenković, Tanke elastične ljske, teorija i specijalna poglavlja, Građevinski fakultet, Beograd, 1995
	G. Radenković, Konačne elastoplastične deformacije, Građevinski fakultet, Beograd, 1996
	G. Radenković, Statika linijskih nosača u ravni, Građevinski fakultet, Beograd, 2007
	G. Radenković, Statika linijskih nosača, Građevinski fakultet, Beograd, 2010
	G. Radenković, Izogeometrijska analiza nosača, Arhitektonski fakultet, Beograd, 2010
Journal Articles (min 5 max 10 most relevant references)	
	G. Radenković, Timošenkov gredni element, Zbornik radova Građevinskog fakulteta, Subotica, 2007, br. 16, str. 243-252
	A. Borković, S. Kovačević, G. Radenković, O. Mijatović, V. Golubović-Bgarski, Geometric nonlinear analysis of prismatic shells using the semi-analytical finite strip method, THIN-WALLED STRUCTURES, 117, 2017, 63-88
Conference Papers (min 5 max 10 most relevant references)	
	G. Radenković, TEORIJA ŠTAPA U SPLINE PARAMETARSKOJ KOORDINATI – DEO I, ZBORNIK RADOVA GRAĐEVINSKOG FAKULTETA MEĐUNARODNA KONFERENCIJA SAVREMENA DOSTIGNUĆA U GRAĐEVINARSTVU 25, 2014. god., str. 397-403
	G. Radenković, S. Kovačević, TEORIJA ŠTAPA U SPLINE PARAMETARSKOJ KOORDINATI – II DEO: PRIMERI, ZBORNIK RADOVA GRAĐEVINSKOG FAKULTETA MEĐUNARODNA KONFERENCIJA SAVREMENA DOSTIGNUĆA U GRAĐEVINARSTVU 25, 2014. god., str. 411-415

**Research interest:**

**4. Continuum mechanics**

**Professional Activities, Recognition and Other Information**

No.2

<b>Name and surname:</b>	<b>Mato Uljarevic</b>
<b>Academic or scientific title:</b>	<b>PhD, Associate Professor</b>
<b>Affiliation:</b>	<b>Faculty of Architecture, Civil engineering and Geodesy, University of Banja Luka</b>

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
1	Mehanika tla	BSc
2	Fundiranje	BSc
3	Konstruktersko inženjerstvo 3	BSc
4	Betonske konstrukcije 1	BSc
5	Betonske konstrukcije 2	BSc
6	Aseizmičko projektovanje I građenje	Msc
7	Inženjerska mehanika stijena	Msc
8	Betonske konstrukcije inženjerskih objekata	Msc
9	Prednapregnute betonske konstrukcije	Msc
10	Geotehničko inženjerstvo	Msc
11	Podzemne građevine I tuneli	Msc
12	Dinamika tla	Msc
13	Geotehnički projekat	Msc
14	Ojačavanja tla I stijena	Msc
15	Složeno fundiranje	Msc
16	Zaštita temeljnih jama	Msc
17	Geotehnički problem kod saobraćajnica	Msc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
	<b>Aseismic Design and Construction</b>
	<b>Roads Geotechnical Problems</b>

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
1	M.Muravlјov,M.Uljarević, SPECIJALNI BETONI I MALTERI, SVOJSTVA, TEHNOLOGIJA, PRIMENA –poglavlje 7:”MIKROARMIRANI BETON”, GRAĐEVINSKI FAKULTET UNIVERZITETA U BEOGRADU,1999
2	M. Uljarević, BETON OJAČAN METALNIM VLAKNIMA, ARHITEKTONSKO-GRAĐEVINSKI FAKULTET UNIVERZITETA U BANJA LUCI, 2013
3	M. Uljarević, MIKROARMIRANI BETON U TUNELOGRADNJI, SAVEZ GRAĐEVINSKIH INŽENJERA SRBIJE,građevinski kalendar 2015, pp. 40-90, Dec, 2014
4	M.Uljarević, MOGUĆNOSTI UNAPREĐENJA BEZBJEDNOSTI SAOBRAĆAJA PRILIKOM IZRADE I IMPLEMENTACIJE TEHNIČKE DOKUMENTACIJE, Priručnik za jačanje kapaciteta jedinica lokalne samouprave u cilju unapređenja bezbjednosti saobraćaja u oblasti planiranja i uređenja prostora u Republici Srpskoj,2015
<b>Journal Articles (min 5 max 10 most relevant references)</b>	
1	M. Uljarević, J. Šušteršić, V. Ukrainčik, A. Zajc, „Stahlfaser-Spicbeton fur die Aushleidung eines Kraftwerkstollnes:Grundlagen des Programms zur Ausfuhrung der Versuchsfelder und Intersunchungen“, Zement und Beton, pp. 20-21, Feb, 1991

<b>2</b>	M. Uljarević, J. Šušteršić, A. Zajc, „Tragfähigkeit einer Faser-Spritzbeton-Auskleidung für einen Kraftwerkstollen“, Zement und Beton, pp. 27-30, Jan, 1992
<b>3</b>	M. Uljarević, Svojstva mikroarmiranog betona sa primjenom u tunelskim oblogama INDIS 97 i CIB V-63. Novi Sad, 1997., knjiga 2, str. 99-108
<b>4</b>	M. Uljarević, S. Vlaški, B. Baćić, N. Lukić, Istražni radovi u funkciji planske dokumentacije, VII Regionalni Susreti Studenata Geotehniko-geodetskih Fakulteta GEOREKS, Osijek pp. 193-201, 2013
<b>5</b>	M. Uljarević, Kritički pristup izboru kriterija loma stijenske mase u funkciji racionalne izrade objekta, XIV Simpozijum iz Inženjerske Geologije i Geotehnike, DGEITS, Beograd, 2012., str. 277-284
<b>6</b>	M. Uljarević, B. Grujić, Ž. Grujić, PRIMJENA MIKROARMIRANOG PRSKANOG BETONA U TUNEOGRADNJI, ZBORNIK RADOVA GRAĐEVINSKOG FAKULTETA U SUBOTICI, pp. 107-113, 2015.
<b>7</b>	M. Uljarević, D. Kojić, PRORAČUN ŠLJUNČANIH ŠIPOVA ZA POBOLJŠANJE SVOJSTAVA TLA, A NA OSNOVU REZULTATA SPT-OPITA, AGG+ časopis za arhitekturu, građevinarstvo, geodeziju i srodne naučne oblasti, pp. 172-184, 2013.
<b>8</b>	M. Uljarević, D. Kojić, M. Pupčević, SMJERNICE ZA ODABIR OPTIMALNE METODE POBOLJŠANJA OSOBINA TLA, Savremena teorija i praksa u graditeljstvu, Banja Luka pp. 99-108, May, 2014
<b>9</b>	M. Uljarević, B. Grujić, D. Uljarević, Uticaj određivanja parametara tla na rezultate proračunskih modela, XI MEĐUNARODNI NAUČNO STRUČNI SKUP, SAVREMENA TEORIJA IPRAKSA U GRADITELJSTVU, BANJA LUKA pp. 171-178, May, 2015.
<b>10</b>	M. Uljarević, M. Muravljov, Čvrstoća pri savijanju i žilavost betona armiranog metalnim vlaknima, pp. 55-60, 2002 JDIMK, Vrnjačka Banja, XXII Kongres Niška Banja, 2002., str. 55-60
<b>Conference Papers (min 5 max 10 most relevant references)</b>	
<b>1</b>	M. Uljarević, B. Glogovac, „Metode sanacije armirano-betonskih stubova na DV 110 Kv Bileća – Berkovići“, Sep, 2001., 25. Savjetovanje JUKO CIGRE, Herceg Novi, 16.-25.09.2001., R22-10(6 stranica)
<b>2</b>	M. Uljarević, S. Čučković, Mjerenje pomaka temeljne stope centralne konzole na brani Grančarevo, 2011 Međunarodni naučno-stručni skup, Banja Luka, 2011., GR1.03
<b>3</b>	M. Uljarević, Ž. Bošković, Ž. Zubac, Problem procjednih voda iz akumulacije Gorica-HE Trebinje II, 2011 Međunarodni naučno-stručni skup, Banja Luka, 2011., GR3.01
<b>4</b>	M. Jakšić, D. Ljubisavljević, M. Uljarević, Statički i dinamički problemi uzrokovani crpljenjem podzemnih voda kod MAR sistema, Savremena teorija i praksa u graditeljstvu, Banja Luka, 2015
<b>5</b>	M. Uljarević, ISTRAŽIVAČKO-SANACIONI RADOVI HIDROTEHNIČKOG TUNELA U EKSPLOATACIJI, IX NAUČNO-STRUČNO MEĐUNARODNO SAVETOVANJE, OCENA STANJA, ODRŽAVANJE I SANACIJA GRAĐEVINSKIH OBJEKATA I NASELJA, ZLATIBOR, SRBIJA, May, 2015
<b>6</b>	B. Baćić, M. Uljarević, ANALIZA STABILNOSTI KOSINA, Savremena dostignuća u građevinarstvu, Međunarodna konferencija Subotica, 24-25 april 2014
<b>7</b>	M. Uljarević, UTICAJ DRUŠTVENIH PROMJENA NA REALIZACIJU KAPITALNIH PROJEKATA - pozivno predavanje, XII MEĐUNARODNI NAUČNO-STRUČNA KONFERENCIJA, SAVREMENA TEORIJA IPRAKSA U GRADITELJSTVU, Banja Luka, Decembar, 2016
<b>8</b>	M. Uljarević, B. Grujić, Optimalna tehnička rješenja iskopa tunela u karstu, IX MEĐUNARODNI NAUČNO-STRUČNI SKUP, SAVREMENA TEORIJA IPRAKSA U GRADITELJSTVU, BANJA LUKA pp. 279-285, Maj 2013
<b>9</b>	U. Agbaba, M. Uljarević, XII MEĐUNARODNI NAUČNO-STRUČNA KONFERENCIJA, SAVREMENA TEORIJA IPRAKSA U GRADITELJSTVU, Banja Luka, Decembar, 2016

**10**

M.Ulijarević, S.Prostran, PRISTUP U SANACIJI KLIZIŠTA, GRAĐEVINARSTVO - NAUKA I PRAKSA, 6. INTERNACIONALNI NAUČNO-STRUČNI SKUP, ŽABLJAK, 7-11. 03. 2016.

**Research interest:**

1. Racionalizacija tunelskih konstrukcija(obloga)
2. Mikroarmirani betoni sa mogućnostima primjene
3. Fizičko-mehanička svojstva stijena

**Professional Activities, Recognition and Other Information*****Stručna djelatnost******RB Naslov rada***

- 1 Izlazna građevina sa pogonskim objektom na tunelu " Dabarsko Polje-Fatničko polje"-Nadzor
- 2 Vodovodni sistem tunelom Dabar-Fatnica, Nadzor
- 3 Crpna stanica i sistem vodovoda za selo Bijeljani, -Nadzor
- 4 Crpna stanica Vrijeka sa rezervoarom 500m3,-Nadzor
- 5 Tunel Fatnica-Bileća, istraživački radovi, radovi projektovanja-Nadzor
- 6 Rezervoar Dubočani 300m3-Projektant konstrukcije
- 7 Rezervoar Delevuša 300m3-Projektant konstrukcije
- 8 Pristupni putevi do tunela Fatnica-Bileća-Nadzor
- 9 Rekonstrukcija porodično-poslovne zgrade Pridvorci, Trebinje- Projektant Istraživačko-projektantski radovi HE Dabar, saradnik
- 11 Rekonstrukcija-dogradnja Osnovne škole u Bileći- Projektant konstrukcije
- 12 Bolnica Nevesinje- projektovanje, nadzor, izvođenje
- 13 Stambena zgrada S-6, Trebinje- projektovanje konstrukcije
- 14 Stambena zgrada S-14, mjesto Ložiona, Trebinje- projektovanje konstrukcije
  
- 15 Stambena zgrada Petrol S-21, Trebinje, projektovanje konstrukcije
- 16 Stambena zgrada Hidrogradnje S-34, Trebinje- projektovanje konstrukcije
- 17 Stambena zgrada policije S-20, Trebinje, projektovanje konstrukcije
- 18 Nadogradnja stambene zgrade u Ulici Miloša Obilića br.5, Trebinje, projektovanje konstrukcije
- 19 Nadogradnja stambene zgrade u Ulici Majke Jugovića br.2, Trebinje- projektovanje konstrukcije
  
- 20 Izrada studije, Mogućnosti unapređenja nadogradnje objekata naselja Bregovi, Trebinje (devet vrsta objekata), projektovanje konstrukcije
- 21 Rekonstrukcija i dogradnja objekta Carine-Trebinje- projektovanje konstrukcije
- 22 Rekonstrukcija i nadogradnja sportske dvorane „Miloš Mrdić“, Trebinje projektovanje
- 23 Obnova naselja Lastva, Trebinje, projektovanje- nadzor
- 24 Dogradnja upravne zgrade HE Trebinje 1, projektovanje konstrukcije
- 25 Prednapregnuti most u Trebinju dužine 120m- nadzor konstruktivne faze
- 26 Rekonstrukcija pješačkog mosta u saobraćajni na rijeci Trebišnjici, projektovanje

- 27 Vodotjesna vrata „Luke“ na tunelu za HE Dubrovnik- projektovanje i nadzor  
28 Sanacija obloge tunela za HE Dubrovnik, istraživanje, projektovanje  
29 Rekonstrukcija stare škole u stambenu zgradu u Ljubinju- projektovanje  
30 Benzinska pumpa „Sport“, Ljubinje, projektovanje  
31 Projekat puta Ljubinje-Ljubomir, dužine 25km- projektovanje  
32 Sanacija betonskih stubova „Šperak“ dalekovoda Bileća-Berkovići, Koordinator  
33 Sanacija rezervoara za tehničku vodu TE Gacko- projektovanje  
34 Rekonstrukcija poslovnog objekta HE na Trebišnjici, Trebinje,-projektovanje  
35 Sanacija procjednih voda u objektima TE Gacko, projektovanje  
36 Nadogradnja „Menadžment“ zgrade HE Trebinje 2- projektovanje  
37 Sanacija metalnih-rešetkastih stubova dalekovoda Trebinje-Herceg Novi-projekat  
38 Sanacija metalnog RTV releja Leotar-Trebinje- projektovanje  
39 RTV metalni reljej u Bileći- projektovanje  
40 Učešće u projektu izrade Regulacionog plana Opštine Bileća  
41 Rekonstrukcija „Gradske kafane“, Trebinje-projektovanje  
42 Rekonstrukcija objekta „Grand-kafe“, Trebinje- projektovanje  
43 Projekat „Vila Babić“, Trebinje, Konsultant  
44 Projekat „HE Buk-Bijela“, revizija konstruktivne faze  
45 Projekat „HE Krupa na Vrbasu“, revizija konstruktivne faze  
46 Projekat „HE Banja Luka-Niska“, revizija konstruktivne faze  
47 Projekat „Mljekara Pađeni“, Bileća, projektovanje -koordinator  
48 Projekat „Mljekara Nevesinje“, Nevesinje, projektovanje-koordinator  
49 Rekonstrukcija mosta „Dražin Do“, Trebinje- učešće u projektu i nadzoru  
50 Rekonstrukcija i obnova hotela „Platani“, Trebinje-revizija projekta  
51 Poslovno-stambeni objekat „Vila Babić“, Bileća- projektovanje  
52 Silosi „Žita“, Ljubinje-projektovanje  
53 Rezervoar pitke vode 2500m<sup>3</sup>, Trebinje, projektovanje, nadzor  
54 Rezervoar pitke vode 400m<sup>3</sup>, Nevesinje, projektovanje, nadzor  
55 Sanacija fasade poslovnog objekta HE na Trebišnjici (Razvodno postrojenje), projektovanje  
56 Tunel Fatničko polje-akumulacija Bileća, nastavak izgradnje -istraživanje, projektovanje  
57 Rekonstrukcija otvorenog Olimpijskog bazena „Trebinje“- projektovanje  
58 Stambeno poslovni objekat S-21 Ložiona, Trebinje- projektovanje konstrukcije  
59 Stambeno-poslovni prostor u Ulici Jovana Sekereza, Trebinje- projektovanje  
60 Nadogradnja zgrade u Ulici Miloša Obilića, Trebinje- projektovanje  
61 Servis za tehnički pregled vozila „Jahorina“, Trebinje- projektovanje konstrukcije  
62 Naselje „Varina Gruda“ sa infrastrukturom, Trebinje- projektovanje  
63 Hala za tehnički pregled vozila „Autorad“, Trebinje,-projektovanje konstrukcije  
64 Izrada tenderske dokumentacije za izgradnju tunela „Fatničko polje-akumulacija Bileća“  
65 Istraživačko-sanacioni radovi injektiranjem u tunelu „Gorica-Dubrovnik“, projektovanje  
66 Stanje obloge tunela „Gorica-Dubrovnik“ dužine 8890m- istraživanje, projektovanje  
67 Sanacija fasade stambene zgrade u Omladinskoj ulici, Trebinje- projektovanje

- 68 Studija preuređenja korita rijeke Trebišnjice, od brane „Gorica“ do Manastira „Tvrdoš“, -koordinator
- 69 Unapređenje komande HE Trebinje 1-Grančarevo- projektovanje-koordinator
- 70 Obnova Sabornog hrama u Trebinju, konsultant
- 71 Kompleks „Crkvina“- projektovanje i realizacija
- 72 Obnova pravoslavne crkve“ Sveti Đorđe“, Prljača,Trebinje- projektovanje, nadzor
- 73 Obnova pravoslavne crkve „Sveti Pantelejmon“ Trebinje-projektovanje
- 74 Obnova pravoslavne crkve i pomoćnih objekata u Manastiru „Dobrićevo“, projektovanje
- 75 Obnova pravoslavne crkve i uređenje kapele u selu Orahovac kod Trebinja- projektovanje
- 76 Konak Manastira „Ždrebaonik“ kod Danilovgrada-Konsultant
- 77 Obnova Mnastira „Tvrdoš“-Konsultant
- 78 Konak Manastira „Sveti Petar i Pavle“, Trebinje- Projektant, Konsultant
- 79 Obnova pravoslavne crkve u Ljubinju- Konsultant
- 80 Obnova Stare pravoslavne crkve u Mostaru, projektovanje
- 81 Rekonstrukcija pravoslavne crkve „Sveti Nikola“-Vranjska, Bileća- projektovanje
- 82 Rekonstrukcija pravoslavne crkve „Podosoje“, Bileća,-projektovanje
- 83 Kapela „Počekovići“ , opština Nikšić, projektovanje
- 84 Obnova pravoslavne crkve u Vranjskoj- Dola, Bileća- Konsultant
- 85 Obnova pravoslavne crkve „Sveti Vrači“, Novčići-Vranjska, Bileća- Konsultant
- 86 Obnova pravoslavne crkve „Sveti Đorđe Dlakoši“, Vranjska, Bileća,- Konsultant
- 87 Obnova pravoslavne crkve Ravno,- Konsultant
- 88 Obnova Manastira „Zavala“- Konsultant
- 89 Obnova pravoslavne crkve „Sveti Ilija“, Prevlaka, Herceg Novi- Konsultant
- 90 Obnova pravoslavne crkve „Lakat“, Nevesinje-projektovanje
- 91 Obnova pravoslavne crkve „Domrke“, Gacko- Konsultant
- 92 Obnova parohijskog doma u Gacku, Konsultant
- 93 Pravoslavna crkva u Gacku,- Konsultant
- 94 Konak Manastira „Danići“, Gacko, projektovanje
- 95 Pravoslavna crkva u Nevesinju, projektovanje
- 96 Projekat pravoslavne crkve „Ždrijelovići- Ljubomir“, Trebinje-projektovanje
- 97 Obnova pravoslavne crkve u Stocu, Konsultant
- 98 Obnova pravoslavne crkve „Lokve“, Stolac, projektovanje
- 99 Projekat stambeno-poslovnog kompleksa“Agrokop“, Trebinje, konstruktivna faza, Koordinator, Projektant
- 100 Projekat iskopa tunela „fatničko polje-akumulacija Bileća“ u punom profilu u mekim sredinama, 2003;2004;2005;, Projektant
- 101 Proizvodna hala (beton-čelik) površine 3200 metara kvadratnih, Bileća 2011.- Projektant
- 102 Projekat istražnih geotehničkih radova i izrada izvedbenog projekta optimalnog temeljenja objekta dječje bolnice u Tripoliju-Libija( temelji nove bolnice su u pjeskovitom materijalu, a niži su 7,5 m u odnosu na postojeće objekte udaljene 2-3 m).2010.-Kordinator;Projektant
- 103 Projekat (glavni) sanacije procjeđivanja voda na profilu brane Gorica (Hidrosistem na

- rijeciTrebišnjici),2010.-Kordinator;Projektant
- 104 Projekat sanacije betona tunelske obloge dovodnog tunela HE Dubrovnik( dio tunela koji pripada RS),2009.-Projektant
- 105 Idejni projekat sanacije procjednih voda na profilu brane Gorica sa energetskim iskorištenjem voda biološkog minimuma,2008.-Projektant
- 106 Glavni projekat istraživačko-sanacionih radova tunelske obloge dovodnog tunela HE Dubrovnik(dionica u RS),2004.-2008. Kordinator-Projektant.
- 107 Projekat matematičkog modeliranja ponašanja brane Grančarevo u uslovima eksploatacije sa modernizacijom sistema osmatranja,2005.-2010.-Koordinator
- 108 Projekat sanacije betona brane "Grančarevo",2005.-2009.-Projektant
- 109 Istraživanje,projektovanje,izrada sa analizama učinka sanacionih radova mikroarmiranim prskanim betonom na konstruktivnim elementima kompleksa "Termoelektrana Gacko",2003.-2009.-Projektant
- 110 Projekat vodostana na tunelu HE Dabar – Građevinski dio , Konsultant
- 111 Projekat cjevovoda od vodostana do zatvaračnice HE Dabar, Konsultant
- 112 Projekat nadzemnog dijela cjevovoda HE Dabar, Konsultant
- 113 Projekat tunelskog dijela cjevovoda od anker bloka br.4 do mašinske zgrade,Konsultant
- 114 Projekat zatvaračnice HE Dabar, Konsultant
- 115 Tehničko osmatranje HE Dabar - Konsultant
- 116 Tehnički uslovi izvođenja radova i montaže opreme HE Dabar- Konsultant
- 117 Program eventualnih istražnih radova i projektantskih aktivnosti u toku izvođenja radova HE Dabar- Konsultant
- 118 Projekat tunela odvodnih voda Bilećkog polja- Konsultant
- 119 Projekat temelja vjetroturbina vjetro farme „Trusina“ - Projektant
- 120 Građevinski projekat vjetro-farme „Trusina“ -Konsultant
- 121 HE“Nevesinje“- OPŠTI IZVJEŠTAJ-revizija
- 122 HE“Nevesinje“- AKTUELIZACIJA I NOVELACIJA PARAMETARA HIDROENERGETSKOG – revizija
- 123 HE“Nevesinje“- AKTUELIZACIJA I NOVELACIJA TEHNIČKOG RJEŠENjA: Brana i akumulacija „Zalomka“ -revizija
- 124 HE“Nevesinje“- AKTUELIZACIJA I NOVELACIJA TEHNIČKOG RJEŠENjA: HE „Nevesinje“ -revizija
- 125 HE“Nevesinje“- AKTUELIZACIJA I NOVELACIJA TEHNIČKOG RJEŠENjA: Sistem za prevođenje gatačkih voda“Srđevići-Dobro polje“ -revizija
- 126 HE“Nevesinje“- PREDMJER I PREDRAČUN RADOVA –revizija
- 127 HE“Nevesinje“- PROGRAM ISTRAŽNIH RADOVA ZA SLEDEĆU FAZU PROJEKTA – revizija
- 128 HE“Nevesinje“- OSNOVNI ELEMENTI PROCJENE ZAŠTITE ŽIVOTNE SREDINE –revizija
- 129 Projekat sanacije klizišta na putu M 16 u BiH(stacionaža 6+600 km)-konsultant
- 130 Projekat sanacije klizišta na putu R 411 u BiH(stacionaža 39+700 km)-konsultant
- 131 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 2+950 km)-konsultant
- 132 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 3+000 km)-konsultant
- 133 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 23+400 km)-konsultant
- 134 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 27+300 km)-konsultant

- 135 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 30+050 km)-konsulant
- 136 Projekat sanacije klizišta na putu R 456 u BiH(stacionaža 4+550 km)-konsulant
- 137 Projekat sanacije klizišta na putu R 456 u BiH(stacionaža 6+815 km)-konsulant
- 138 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 1+570 km)-konsulant
- 139 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 1+800 km)-konsulant
- 140 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 4+900 km)-konsulant
- 141 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 5+200 km)-konsulant
- 142 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 5+760 km)-konsulant
- 143 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 5+840 km)-konsulant
- 144 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 5+950 km)-konsulant
- 145 Projekat sanacije klizišta na putu R 414 u BiH(stacionaža 6+650km)-konsulant
- 146 Projekat sanacije klizišta na putu R 458 u BiH(stacionaža 4+400 km)-konsulant
- 147 Projekat sanacije klizišta na putu R 458 u BiH(stacionaža 4+980km)-konsulant
- 148 Projekat sanacije klizišta na putu R 458 u BiH(stacionaža 5+510 km)-konsulant
- 149 Projekat sanacije klizišta na putu R 458 u BiH(stacionaža 6+165 km)-konsulant
- 150 Projekat sanacije klizišta na putu R 458 u BiH(stacionaža 8+350 km)-konsulant

No.3

<b>Name and surname:</b>	<b>Goran Cirovic</b>
<b>Academic or scientific title:</b>	<b>Full professor</b>
<b>Affiliation:</b>	<b>Faculty of architecture, civil engineering and geodesy, University of Banja Luka; University college civil engineering and geodesy Belgrade</b>

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
	<b>Technology of Civil Engineering</b>	<b>Civil Engineering - BSc</b>
	<b>Construction Management</b>	<b>Civil Engineering - BSc</b>
	<b>Building Execution and Management</b>	<b>Architecture - BSc</b>
	<b>Construction Project Management</b>	<b>Civil Engineering - BSc</b>
	<b>Operational Research in Civil Engineering</b>	<b>Civil Engineering - MSc</b>
	<b>Special management problems in Civ.Eng.</b>	<b>Civil Engineering - MSc</b>

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
	<b>Operational Research in Civil Engineering</b>
	<b>Specific Problems in Civil Engineering Management</b>
	<b>Risk Analysis in Decision-making Process</b>

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
	Ćirović, G.: "Problemi planiranja, organizacije i tehnologije građenja", Udžbenik, Visoka građevinsko-geodetska škola u Beogradu, Beograd, 2009., 388 str. VI izdanje
	Ćirović, G., Lazić-Vojnović, S., Bezbednost i zaštita zdravlja na radu u građevinarstvu, Visoka građevinsko-geodetska škola u Beogradu, Beograd, 2009., 180 str.
	Ćirović, G., Lazić-Vojnović, S., Upravljanje kvalitetom u građevinarstvu, Visoka građevinsko-geodetska škola u Beogradu, Beograd, 2012., 212 str., V izdanje
	Ćirović, G., Upravljanje investicijama, Visoka građevinsko-geodetska škola u Beogradu, Beograd, 2009., 144 str., IV izdanje
	Ćirović, G., Luković, O.: Građevinska ekonomija, Visoka građevinsko-geodetska škola u Beogradu, Beograd, 2009., 138 str.
	Ćirović, G., Nikolić-Topalović, M.: Pravna regulativa u građevinarstvu, Visoka građevinsko-geodetska škola u Beogradu, Beograd, 2011., 132 str. V izdanje
	Ćirović, G., Nikolić-Topalović, M.: Građevinsko urbanističke procedure, Visoka građevinsko-geodetska škola u Beogradu, Beograd, 2011., 226 str.
	Ćirović, G., Marković, Lj.: Upravljanje ljudskim resursima u građevinarstvu, Visoka građevinsko-geodetska škola u Beogradu, Beograd, 2011., 152 str.
<b>Journal Articles (min 5 max 10 most relevant references)</b>	
	Pamučar, D., Gigović, Lj., Ćirović, G., Regodić, M., Transport spatial model for the definition of green routes for city logistics centers, <i>Environmental Impact Assessment Review</i> , 56 (2016), 72–87.
	Ćirović, G., Pamučar, D., Božanić, D.: Green logistic vehicle routing problem: Routing light delivery vehicles in urban areas using a neuro-fuzzy model, <i>Expert Systems with Applications</i> , 41,9,2014, pp. 4245-4258.

	Pamučar, D., Ćirović, G., The selection of transport and handling resources in logistics centres using Multi-Attributive Border Approximation area Comparison (MABAC), <i>Expert Systems with Applications</i> , 42,6,2015, pp. 3016-3028. (M21), ISSN 0957-4174
	Ćirović, G., Pamučar, D.: Decision support model for prioritizing railway level crossings for safety improvements: Application of the adaptive neuro-fuzzy system, <i>Expert Systems with Applications</i> , 40,6,2013, pp. 2208-2223.
	Ćirović, G., Radonjanin, N., Trivunić, M., Nikolić, D.: Optimization of uhpfrc beams subjected to bending using genetic algorithms, <i>Journal of Civil Engineering and Management</i> , 20,4, 2014, pp. 527–536.
	Ćirović, G., Pamučar, D., Đorović, B., Sekulovic, D.: Optimizing a multi-product and multi-supplier the economic production quantity model using genetic algorithm, <i>International Journal of the Physical Sciences</i> , 7,2, 2012, pp. 262-272.
	Pamučar, D., Ćirović, G., Sekulović, D., Development of an integrated transport system in distribution centres: a FA'WOT analysis, <i>TEHnicki Vjesnik-TECHNICAL GAZETTE</i> , 22, 3,2015.
	Ćirović, G., Regodić M., Sekulović, D., Tadić, V., Gigović, Lj., Worldview-1 Satellite Image Processing for Topographic Maps Content Update, <i>TEHnicki Vjesnik-TECHNICAL GAZETTE</i> , 21, 2,2014, 333-339.
	Tomičić-Torlaković, M., Ćirović, G., Mitrović, S., Branković, V., Worldview-1 Satellite Image Processing for Topographic Maps Content Update, <i>Građevinar</i> , 66,10,2014, 917-927
	Mučenski, V., Trivunić, M., Peško, I., Ćirović, G., Dražić, J.: Estimation of Recycling Capacity of Multi-storey Buildings Structure Using Artificial Neural Networks, <i>Acta Polytechnica Hungarica</i> , 2013. to be appear (potvrda u prilogu) (M23, IF= 0.588 (54/90), 2012.
<b>Conference Papers (min 5 max 10 most relevant references)</b>	
	Nikolić, D., Mitrović, S., Ćirović, G., Modeling the flow of fresh concrete using a finite element model, International Conference Civil Engineering - Science and Practice GNP 2016, 2016, 07-11. 03, Zabljak, Montenegro, pp. 823-830.
	Nikolić, D., Mitrović, S., Ćirović, G., An inverse method to determine the modulus of elasticity of concrete, Trinaesta međunarodna naučna konferencija Planiranje, projektovanje, građenje i obnova graditeljstva INDIS 2015, Novi Sad, 25-27.11.2015., UNIVERZITET U NOVOM SADU FAKULTET TEHNIČKIH NAUKA Departman za Građevinarstvo i Geodeziju, 2015., pp.246-253. ISBN 978-86-7892-749-2
	Mitrović, S., Ćirović, G., Nikolić, D., Recycling and re-use of steel in building construction, International Conference Civil Engineering - Science and Practice GNP 2014, 2014, 17-21. February, Zabljak, Montenegro, pp. 823-830.
	Nikolić, D., Ćirović, G., Mitrović, S., FINITE ELEMENT MODELLING HIGH STRENGTH-TO-NORMAL CONCRETE BOND BEHAVIOUR, DIMK Kongres, Vrnjacka Banja, 2014.
	Ćirović, G., Mitrović, S., Nikolić, D., Sport facilities: their architecture and image in society throughout history, "III International Sports Sciences Congres SPORTS FACILITIES - CRISIS AND CONSEQUENCES (SPOFA 14)", 2014, 10. October, Belgrade, Serbia, pp. 25-42.
	Ćirović, G., Mitrović, S., Nikolić, D.: Optimization of shape of energy-saving buildings - problem formulation, IV INTERNATIONAL SCIENTIFIC-PROFESSIONAL MEETING "CIVIL ENGINEERING – SCIENCE AND PRACTICE", 20-24.02.2012., Žabljak, Montenegro, 2012, pp. 1777-1784. ISBN 978-86-82707-21-9
	Anić, I., Ćirović, G., Šormaz, G.: Multi-criteria analysis in the selection of economically most advantageous tender for public works, XIII INTERNATIONAL SYMPOSIUM SYMORG 2012 "Innovative Management and Business Performance", 05-09.06., Zlatibor, Serbia, 2012., pp. 1233-1238. ISBN 978-86-7680-255-5

	Nikolić, D., Janković, G., Ćirović, G.: Two-layer rc beam with partial use of uhpc, 2nd International Scientific Meeting: State and Trends of Civil Engineering – GTZ 2012, 07-09.06.2012., Tuzla, Bosnia and Herzegovina, 2012, pp. 251-258 ISBN 978-9958-628-16-0
	Ćirović, G., Mitrović, S., Nikolić, D., Janković, K.: Cuckoo search optimization of retain wall dimensions, iNDiS 2012, 12. International Scientific Conference: PLANNING, DESIGN, CONSTRUCT AND RENEWAL IN THE CIVIL ENGINEERING, 28-30.11.2012., Novi Sad, Serbia, 2012, pp. 53-60. ISBN 978-86-7892-453-8
	Mučenski V., Ćirović G., Peško, I., Tepić Ž., Dražić J., Trivunić M.: Analysis of Applicability of Neural Networks in Predicting the Necessary Amount of Construction material, 14. International Symposium MASE, Macedonian Association of Structural Engineers (MASE), F.Y.R. Macedonia, Struga, 2011, pp. 105- 110. ISBN 9989-9785-1-8

**Research interest:**

- 4. Operational research in civil engineering**
- 5. Application of artificial intelligence in civil engineering**
- 6. Application of modern project management methods**

**Professional Activities, Recognition and Other Information:**

- 1. Feasibility Studies**
- 2. Value Assessments**
- 3. Project Management Reports**

No.4

<b>Name and surname:</b>	Dragan Nikolic
<b>Academic or scientific title:</b>	Assistant professor
<b>Affiliation:</b>	Faculty of architecture, civil engineering and geodesy, University of Banja Luka; University college civil engineering and geodesy Belgrade

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
	<b>Design and Supervision</b>	Civil Engineering - BSc
	<b>Building legal regulations</b>	Civil Engineering - BSc
	<b>Environmental Engineering</b>	Civil Engineering - BSc
	<b>Engineering Economics</b>	Civil Engineering - BSc
	<b>Engineering Ethics</b>	Civil Engineering - BSc
	<b>Operational Research in Civil Engineering</b>	Civil Engineering - MSc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
	<b>Operational Research in Civil Engineering</b>
	<b>Specific Problems in Civil Engineering Management</b>
	<b>Financial Resilience to Hazards</b>

**Research and scholarly output**

	<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>
<hr/>	
<b>Journal Articles (min 5 max 10 most relevant references)</b>	
Ćirović, G., Radonjanin, N., Trivunic, M., Nikolić, D.: Optimization of uhpfrc beams subjected to bending using genetic algorithms, Journal of Civil Engineering and Management, 20,4, 2014, pp. 527–536. (M21 - ISSN 1392-3730 - IF 1.372 - 2013./ Engineering Civil 33/124)	
Janković, K., Nikolić, D., Bojović, D.: Concrete Paving Blocks and Flags Made with Crushed Brick as Aggregate, Construction and Building Materials, Vol. 28,1, 2012, pp.659-669. (M21 - ISSN 0950-0618, IF=2.293 - 2012./ Construction & Building Technology 7/57)	
Janković, K., Romakov, Z., Bojović, D., Nikolić, D.: "Concrete Mix Design for Reconstruction of Northwest Breakwater in the Tripoli Harbour - Libya", Technical Gazette, 18, 1, 2011, 141-151. (M23 - ISSN 1330-3651, IF=0.347-2011./ Engineering, Multidisciplinary 69/90)	
Janković, K., Ćirović, G., Nikolić, D., Bojović, D.: "Mechanical properties of ultra high performance self compacting concrete with different mineral admixtures", Romanian Journal of Materials, 41, 3, 2011,pp. 211-218. (M23 - ISSN 1330-3651, IF=0.347-2011./ Engineering, Multidisciplinary 69/90)	
Janković, K., Stankovic, S., Nikolić, D., Bojović, D. and Loncar, Lj.: "Determination of Recycled Aggregate Concrete Degradation by Resonance Frequency Analysis", Romanian Journal of Materials, 41, 1, 2011, 22-25 (ISSN: 1583-3186, 36/53, IF=0.4) (M23 - ISSN 1330-3651, IF=0.347-2011./ Engineering, Multidisciplinary 69/90)	
Jankovic, K., Bojovic, D., Nikolic, D.: "Some properties of concrete based on recycled bricks, Romanian Journal of Materials, 40,3, 2010, pp.222-227. (M23 - ISSN 1330-3651, IF=0.400-2010./ Engineering, Multidisciplinary 36/53)	
Mitrovic, A., Nikolic, D., Milicic, Lj., Bojovic, D.: Properties of composite cement with commercial and manufactured metakaolin,Technical Gazette, 20, 4, 2013, pp. 683-687. (M23-ISSN 1330-3651, IF=0.615-2013./ Engineering, Multidisciplinary 56/87)	
<b>Conference Papers (min 5 max 10 most relevant references)</b>	

	<b>Nikolić,D.</b> , Mitrović, S., Ćirović,G., Modeling the flow of fresh concrete using a finite element model, International Conference Civil Engineering - Science and Practice GNP 2016, 2016, 07-11. 03, Zabljak, Montenegro, pp. 823-830.
	<b>Nikolić,D.</b> , Mitrović, S., Ćirović,G., An inverse method to determine the modulus of elasticity of concrete, Trinaesta međunarodna naučna konferencija Planiranje, projektovanje, građenje i obnova graditeljstva INDIS 2015, Novi Sad, 25-27.11.2015., UNIVERZITET U NOVOM SADU FAKULTET TEHNIČKIH NAUKA Departman za Građevinarstvo i Geodeziju, 2015., pp.246-253. ISBN 978-86-7892-749-2
	Mitrović, S., Ćirović.,G., <b>Nikolić, D.</b> , Recycling and re-use of steel in building construction, International Conference Civil Engineering - Science and Practice GNP 2014, 2014, 17-21. February, Zabljak, Montenegro, pp. 823-830.
	<b>Nikolić, D.</b> , Ćirović, G., Mitrović,S., FINITE ELEMENT MODELLING HIGH STRENGTH-TO-NORMAL CONCRETE BOND BEHAVIOUR, DIMK Kongres, Vrnjacka Banja, 2014.
	Ćirović.,G., Mitrović, S., <b>Nikolić, D.</b> , Sport facilities: their architecture and image in society throughout history, "III International Sports Sciences Congres SPORTS FACILITIES - CRISIS AND CONSEQUENCES (SPOFA 14)", 2014, 10. October, Belgrade, Serbia, pp. 25-42.
	Ćirović,G., Mitrović, S., <b>Nikolić, D.</b> : Optimization of shape of energy-saving buildings - problem formulation, IV INTERNATIONAL SCIENTIFIC-PROFESSIONAL MEETING "CIVIL ENGINEERING – SCIENCE AND PRACTICE", 20-24.02.2012., Žabljak, Montenegro, 2012, pp. 1777-1784. ISBN 978-86-82707-21-9
	<b>Nikolić, D.</b> , Janković, G., Ćirović, G.: Two-layer rc beam with partial use of uhpc, 2nd International Scientific Meeting: State and Trends of Civil Engineering – GTZ 2012, 07-09.06.2012., Tuzla, Bosnia and Herzegovina, 2012, pp. 251-258 ISBN 978-9958-628-16-0
	Ćirović, G., Mitrović,S., <b>Nikolić,D.</b> , Janković, K.: Cuckoo search optimization of retain wall dimensions, iNDiS 2012, 12.International Scientific Conference: PLANNING, DESIGN, CONSTRUCT AND RENEWAL IN THE CIVIL ENGINEERING, 28-30.11.2012., Novi Sad, Serbia, 2012, pp. 53-60. ISBN 978-86-7892-453-8
	Nikolić,D., Bojović,D., Janković,K.,Lončar, Lj.,Mix design and engineering properties of ultra high performance self compacting concrete, fib Symposium PRAGUE 2011, 08-10. 06. 2011., 353-356. 978-80-87158-29-6

**Research interest:**

1. Application of soft computing techniques and optimizations in civil engineering
2. Research of the properties of ultra-high performance concrete
3. 3D FEM nonlinear modeling of high strength fiber reinforced concrete

**Professional Activities, Recognition and Other Information**

- Consultant of Lafarge BFC Serbia

Supervision of assessment and repair works to create the conditions for mosaics making in the St. Sava Temple in Belgrade

No.5

<b>Name and surname:</b>	<b>Bojana Grujic</b>
<b>Academic or scientific title:</b>	<b>Assistant Professor/PhD</b>
<b>Affiliation:</b>	<b>University of Banja Luka, Faculty of Architecture, Civil Engineering and Geodesy, Department of Civil Engineering, Chair of geotechnics and roads Bulevar vojvode Stepe Stepanovica 77, 78000 Banja Luka <a href="mailto:bojana.grujic@aggf.unibl.org">bojana.grujic@aggf.unibl.org</a></b>

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
	<b>Soil Mechanics (Obligatory subject)</b>	<b>SP of Civil Engineering, 240 ETCS, BSc</b>
	<b>Foundations (Obligatory subject)</b>	<b>SP of Civil Engineering, 240 ETCS, BSc</b>
	<b>Retaining Structures (Obligatory subject)</b>	<b>SP of Civil Engineering, 240 ETCS, BSc</b>
	<b>Rock Mechanics (Elective subject)</b>	<b>SP of Civil Engineering, 300 ETCS, Msc</b>

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
	<b>Geohazards</b>

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
	The development of special types of concrete and application in construction as protection against natural disasters - Experiment study for PhD
	The Monograph, 2013, edition - Academy of Science and Arts of the Republic of Srpska, University of Banja Luka - Faculty of Architecture and Civil Engineering, "Experiences, impressions and visions of the builders of the country at the three sea", (The candidate, Bojana Grujić is the author of 50 pages Monographs chapter "How to preserve drinking water")
	Strategic Development of Higher Education and Qualification Standards, June 2015 - edition – European Union, (The candidate Bojana Grujic is co-author – "Manual for the development and use of Qualifications and Occupational Standards in BiH")
	University of Girona (Spain) and University of Banja Luka, „Center for Curricula Modernization and Lifelong Learning“, 2013 (511354-TEMPUS-1-2010-1-ES-TEMPUS-SMHES), B.Grujic co-author – Manual
<b>Journal Articles (min 5 max 10 most relevant references)</b>	
	B. Grujić, Ž. Grujić, S Tatar, 2016 „Geotechnical problems that occur due to the fact of groundwater“
	B. Grujic, Z. Grujic, I. Jokanovic, „Measures for prevention of liquefaction due to dinamic loading“,
	B. Grujic, Z. Grujic, I. Jokanovic, D. Zeljic, 2015 „Suitability of Natural Rock Materials in Bosnia and Herzegovina for pavement Construction
	M. Uljarevic, B.Grujic, D.Uljarevic, 2015, „Effect of Determining Soli Parameters to the Model calculation results“
	„Numerical Methods for Tunneling and Investigation of Long-Time-Effects of the Shotcrete and its Impact on the Combined Support System“
<b>Conference Papers (min 5 max 10 most relevant references)</b>	

	B. Grujic, I.Jokanovic, Z.Grujic, "The influence of reinforced concrete on a combined system of tunnel support using numerical models"
	M. Uljarevic, B.Grujic, M.Jaksic, (Jun, 2017), "Fiber reinforced concrete in the sanations (building) of Hydrotechnical Tunnel Structures
	B. Grujic, I. Jokanovic, Z. Grujic , D Zeljic, „Condition Evaluation for dirt/earth and Macadam roads“,
	B. Milovanovic, S. Tucikesic, B. Grujic, 2014, „Monitoring Engineering using GPS Technology“, Contemporary Theory and Practice in Building Development“
	M. Uljarevic, B.Grujic, 2013, „Optimal Technical Sulution Tunnel excavation in Carst conditions“

**Research interest:**

1. Geotechnical Engineering
2. Soil liquefaction and its countermeasure
3. Dynamic behavior and seismic design of earth structures

**Professional Activities, Recognition and Other Information;**

**Membership in professional associations:**

1. Geotechnical Society of Bosnia and Herzegovina
2. International Society for Rock Mechanics (ISRM)
3. International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)

No.6

<b>Name and surname:</b>	Milasinovic Dragan
<b>Academic or scientific title:</b>	B.Sc., M.Sc., Ph.D., C.E., Professor, Full Member of Academy of Engineering Sciences of Serbia (AESS)
<b>Affiliation:</b>	University of Novi Sad, Faculty of Civil Engineering Subotica, Serbia University of Banja Luka, Faculty of Architecture, Civil Engineering and Geodesy, Bosnia and Herzegovina

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
1.	Strength of materials (Obligatory subject)	Faculty of Civil Engineering (Subotica), BSc
2.	Strength of materials 1 (Obligatory subject)	SP of Civil Engineering (Banja Luka), 240 ETCS, BSc
3.	Strength of materials 2 (Obligatory subject)	SP of Civil Engineering (Banja Luka), 240 ETCS, BSc
4.	Constructive Engineering 1 (Obligatory subject)	SP of Civil Engineering (Banja Luka), 240 ETCS, BSc
5.	Timber structures (Obligatory subject)	SP of Civil Engineering (Banja Luka), 240 ETCS, BSc
6.	Experimental analysis of construction* (Elective subject)	SP of Civil Engineering (Banja Luka), 300 ETCS, Msc
7.	Bridges** (Obligatory subject)	SP of Civil Engineering (Banja Luka), 300 ETCS, Msc
8.	Special timber structures (Elective subject)	SP of Civil Engineering (Banja Luka), 300 ETCS, Msc
9.	Glued laminated timber structures (Elective subject)	SP of Civil Engineering (Banja Luka), 300 ETCS, Msc
10.	Concepts and applications of FEM	Faculty of Civil Engineering (Subotica), PhD
11.	Rheology of materials and theory of plasticity	Faculty of Civil Engineering (Subotica), PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
	Experimental analysis of constructions
	Bridges

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
1.	D.D. Milašinović, The Finite Strip Method in Computational Mechanics, Monograph, Faculties of Civil Engineering: University of Novi Sad, Technical University of Budapest and University of Belgrade: Subotica, Budapest, Belgrade, 1997.
2.	D.D. Milašinović, Rheological-Dynamical Analogy, Theory of Structures, Monograph dedicated to the memory of late Academician Professor dr Milan Đurić, Faculty of Civil Engineering of the University of Belgrade, 2008.
3.	Dragan D. Milašinović, Metod konačnih traka u teoriji konstrukcija (in Serbian), book, University of Novi Sad, Faculty of Technical Sciences, MP Student, Novi Sad, 1994.
<b>Journal Articles (min 5 max 10 most relevant references)</b>	

1.	D.D. Milašinović, Geometric non-linear analysis of thin plate structures using the harmonic coupled finite strip method. <i>Thin-Walled Structures</i> , 49(2), 280-290, 2011.
2.	D.D. Milašinović, Harmonic coupled finite strip method applied on buckling-mode interaction analysis of composite thin-walled wide-flange columns. <i>Thin-Walled Structures</i> , 50(1), 95-105, 2012.
3.	D.D. Milašinović, Rheological-dynamical analogy: prediction of buckling curves of columns. <i>International Journal of Solids and Structures</i> , 37(29), 3965-4004, 2000.
4.	D.D. Milašinović, Rheological-dynamical analogy: modeling of fatigue behavior. <i>International Journal of Solids and Structures</i> , 40(1), 181-217, 2003.
5.	D.D. Milašinović, Rheological-dynamical analogy: visco-elasto-plastic behavior of metallic bars. <i>International Journal of Solids and Structure</i> , 41(16-17), 4599-4634, 2004.
6.	D.D. Milašinović, Rheological-dynamical analogy: prediction of damping parameters of hysteresis damper. <i>International Journal of Solids and Structures</i> , 44(22-23), 7143-7166, 2007.
7.	D.D. Milašinović, Fatigue crack growth and failure of inelastic rods based on rheological-dynamical analogy. <i>International Journal of Fatigue</i> , 33(3), 372-381, 2011.
8.	D.D. Milašinović, Rheological-dynamical analogy: design of viscoelastic and viscoplastic bar dampers. <i>Mechanics of Time-Dependent Materials</i> , 14(4), 389-409, 2010.
9.	D.D. Milašinović, Rheological-dynamical continuum damage model for concrete under uniaxial compression and its experimental verification. <i>Theoretical and Applied Mechanics</i> , 42(2), 73-110, 2015.
10.	A. Borković, S. Kovačević, D.D. Milašinović, G. Radenković, O. Mijatović, V. Golubović-Bugarski, Geometric nonlinear analysis of prismatic shells using the semi-analytical finite strip method. <i>Thin-Walled Structures</i> , 117, 63-88. 2017.
<b>Conference Papers (min 5 max 10 most relevant references)</b>	
1.	<a href="#">A Hybrid Software Solution for the Harmonic Coupled Finite Strip Method Characteristic Equations</a> , P. Maric, D.D. Milašinovic, D. Goleš, Ž. Živanov and M. Hajdukovic Paper <a href="#">6.31</a> from CCP: 111, ISBN 978-1-905088-66-9 (2017)
2.	<a href="#">Quasi-Static and Dynamic Inelastic Buckling and Failure of Plate Structures using the Finite Strip Method</a> , D.D. Milašinovic, D. Majstorovic and M. Došenovic Paper <a href="#">6.100</a> from CCP: 108, ISBN 978-1-905088-63-8 (2015)
3.	<a href="#">Free Vibration and Bifurcation Buckling Analysis of Folded-Plate Structures using the Harmonic-Coupled Finite Strip Method</a> , P. Maric, D.D. Milašinovic, D. Goleš, Z. Živanov and M. Hajdukovic Paper <a href="#">4.73</a> from CCP: 106, ISBN 978-1-905088-61-4 (2014)
4.	<a href="#">The Harmonic Coupled Finite Strip Method Applied to Geometric Nonlinear Analysis of Reinforced Concrete Folded Plate Structures</a> , D.D. Milašinovic, D. Goleš, M. Hajdukovic, M. Nikolic, P. Maric, Z. Živanov P.S. Rakic, A. Borkovic and I. Milakovic Paper <a href="#">14.125</a> from CCP: 102, ISBN 978-1-905088-57-7 (2013)
5.	<a href="#">Rheological-Dynamical Limit Analysis of Reinforced Concrete Folded Plate Structures using the Harmonic Coupled Finite-Strip Method</a> , D.D. Milašinovic, D. Goleš, A. Borkovic, D. Kukaras, A. Landovic, Z. Živanov and P. Rakic Paper <a href="#">10.158</a> from CCP: 99, ISBN 978-1-905088-54-6 (2012)
6.	<a href="#">Large Displacement Stability Analysis of Columns using the Harmonic Coupled Finite-Strip Method</a> , D.D. Milašinovic, A. Borkovic, Z. Živanov, P.S. Rakic, M. Hajdukovic and B. Furtula Paper <a href="#">79</a> from CCP: 96, ISBN 978-1-905088-47-8 (2011)

<b>7.</b>	<a href="#"><u>MPI/OpenMP Parallelisation of the Harmonic Coupled Finite-Strip Method</u></a> , M. Nikolic, D.D. Milašinovic, Z. Zivanov, P. Maric, M. Hajdukovic, A. Borkovic and I. Milakovic Paper <a href="#">94</a> from CCP: 95, ISBN <a href="#">978-1-905088-44-7</a> (2011)
<b>8.</b>	<a href="#"><u>A Finite-Strip Analysis of Nonlinear Shear-Lag Effect Supported by Automatic Visualization</u></a> , D.D. Milašinovic, Z. Zivanov, P. Rakic, Z. Suvajdzin, M. Nikolic, M. Hajdukovic, A. Borkovic and I. Milakovic Paper <a href="#">80</a> from CCP: 94, ISBN <a href="#">978-1-905088-41-6</a> (2010)
<b>9.</b>	<a href="#"><u>Buckling Analysis of Thin Sections using the Finite Strip Method with a Coupled Stiffness Matrix</u></a> , D.D. Milašinovic and I. Milakovic Paper <a href="#">33</a> from CCP: 91, ISBN <a href="#">978-1-905088-32-4</a> (2009)
<b>10.</b>	<a href="#"><u>MPI-CUDA Parallelisation of the Finite Strip Method for Geometrically Nonlinear Analysis</u></a> , P. Rakic, D.D. Milašinovic, Z. Zivanov and M. Hajdukovic Paper <a href="#">33</a> from CCP: 90, ISBN <a href="#">978-1-905088-29-4</a> (2009)

**Research interest:**

1. [\\_Materials](#)
2. [\\_Structures](#)
3. [\\_Computer modelling](#)

**Professional Activities, Recognition and Other Information**

**Professor Milašinović is a member of various teaching and scientific councils.**

No.7

<b>Name and surname:</b>	<b>Valentina Golubovic-Bgarski</b>
<b>Academic or scientific title:</b>	Associate Professor
<b>Affiliation:</b>	University of Banja Luka

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
	Mechanics 2 (Kinetiks)	Mechanical Engineering BSc, Civil Engineering BSC
	Noise and Vibration	Occupational Safety BSc
	Dynamic of Machines and Numerical Methods	Mechatronics, MSc
	Noise and Vibration	Mechanical Engineering Design Msc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
	<b>Experimental analysis of constructions</b>

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
<b>1.</b>	Modalna analiza – teorija, eksperiment i primjena u detekciji strukturnih oštećenja (Modal analysis – theory, experiment and application in detection of structural damages)
<b>Journal Articles (min 5 max 10 most relevant references)</b>	
<b>1</b>	Golubović-Bgarski V.: One Approach to Correlation Between Structural Damage and Dynamics Response of the Cantilever, FME Transactions, Volume 42, No.4, 2014., pp.335-340.
<b>2</b>	Golubović-Bgarski V., Petković S.: Noise of road vehicles in the vicinity of the exhaust systems (UDC: 534.6; 681.8), MVM - International Journal for Vehicle Mechanics, Engineering and Transportation Systems, Volume 38, Number 2, 2012, str.35-45.
<b>3</b>	Borković A., Kovačević S., Milašinović D., Radenković G., Mijatović O., Golubović-Bgarski V.: Geometric nonlinear analysis of prismatic shells using the semi-analytical finite strip method, Thin-Walled Structures 117 (2017) p.p. 63–88, journal homepage: <a href="http://www.elsevier.com/locate/tws">www.elsevier.com/locate/tws</a> , <a href="http://dx.doi.org/10.1016/j.tws.2017.03.033">http://dx.doi.org/10.1016/j.tws.2017.03.033</a>
<b>4</b>	Borković A., Milašinović D., Golubović-Bgarski V., Mijatović O., Desančić M.: Experimental and Numerical Identification of Structural Modes for Engineering education, Facta Universitatis, Volume 12, No.2. 2014 pp. 161-172.
<b>5</b>	Petković S., Golubović-Bgarski V., Đurić Ž., Miladinović B.: Improvement of vehicle inspection technology by introducing integrated information system, Mobility&VehicleMechanics - International Journal for Vehicle Mechanics, Engines and Transportation Systems, Volume 42, No.4, pp.31-39, Kragujevac, Srbija, 2016.
<b>Conference Papers (min 5 max 10 most relevant references)</b>	
<b>1</b>	Golubović-Bgarski V., Mijatović O., Guzjan-Dilber M., Desančić M., Borković A., Identification of dynamic properties of mechanical structure from measured vibration responses, <sup>6th</sup> International Congress of Serbian Society of Mechanics, Mountain Tara, Serbia, June 2017.

2	Golubović-Bgarski V., Todić M., Vranješ B.: Strategy for effective measurement of hand transmitted vibration at the workplace, <i>Proceedings of 25<sup>th</sup> International Conference on NOISE and VIBRATION, ISBN: 978-86-6093-076-9, Tara, Srbija, oktobar 2016.</i>
3	D. Blagojević, M. Todić, Valentina G. Bugarski, Radomir Cvijić: Calibration test work and nonlinear stiffness of the pulling and buffer devices for rolling stock (Kalibraciono ispitivanje rada i nelinearne krutosti vučnih i odbojnih naprava šinskih vozila), 3rd International Conference „NEW TECHNOLOGIES NT-2016“ Development and Application, maj 2016, Mostar.
4	Todić M., Golubović-Bgarski V.: Safety of the shaft-wheel assembly of electrolocomotives (Bezbjednost sklopa vratilo-točak kod elektrolokotiva), IOP Conf. Series: Materials Science and Engineering 200(2017) 012024 doi:10.1088/1757-899X/200/1/012024.
5	Golubović-Bgarski V.: Correlation between structural damage and dynamic response of the structure, SMMM 2014 - 1 <sup>st</sup> International Symposium on Machines, Mechanics and Mechatronics – Current trennds, Beograd, juli 2014.

**Research interest:**

1. Experimental modal analysis
2. Noise and vibration
3. Structural dynamics

**Professional Activities, Recognition and Other Information**

1. Member of Technical Comitte 41 ( Pressure equipment and containers) at Institute for standardization of Bosnia and Herzegovina
2. Consultant for dangerous cargo transportation (ADR), Ministry of Transport and Communications of Republic of Srpska

**No.08**

<b>Name and surname:</b>	<b>Dusan Jovanovic</b>
<b>Academic or scientific title:</b>	Ph.D. El.Comp.Eng.
<b>Affiliation:</b>	<b>OGC</b>

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
	<b>Remote sensing and digital image processing</b>	<b>Geodesy and Geomatics</b> , Undergraduate Academic Studies
	Geospatial data visualization	<b>Geodesy and Geomatics</b> , Master Academic Studies
	Geoinformation Systems	Computing and Control Engineering, Undergraduate Academic Studies
	Geospatial Technologies	Computing and Control Engineering, Undergraduate Academic Studies
	Geoinformatics	Geodesy and Geomatics, Undergraduate Academic Studies
	Application of geoinformation technology in risk management	Disaster Risk Management and Fire Safety, Undergraduate Academic Studies
	Geospatial technologies and systems	Environmental Engineering, Undergraduate Academic Studies

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
	<b>GIS in Hydrotechnical practice</b>
	<b>Application of GIS in Roads</b>

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
<b>Journal Articles (min 5 max 10 most relevant references)</b>	
<b>1.</b>	Spatial analysis of high-resolution urban thermal patterns in Vojvodina, Serbia, Geocarto International ISSN: 1010-6049, Vol. 30, No. 3-4, UDK DOI:10.1080/10106049.2014.985747, ISBN 1010-6049 ,
<b>2.</b>	Environmental Data in Serbian Spatial Data Infrastructure - Geoportal of Ecology, Journal of Environmental Protection and Ecology ISSN: 1311-5065, Vol. 13, No. No 3A, Str. 1990-1997, ISBN 1311-5065
<b>3.</b>	Comparison of MODIS 250 m products for early corn yield predictions: a case study in Vojvodina, Serbia, Open Geosciences ISSN: 2391-5447, Vol. 8, No. 1, Str. 747-759, UDK <a href="https://doi.org/10.1515/geo-2016-0070">https://doi.org/10.1515/geo-2016-0070</a>
<b>4.</b>	The Use of Ontologies in Cadastral Systems, in press, DOI 10.2298/CSIS141031009S, Computer Science and Information Sistems ISSN: 1820-0214, Vol. 12, No. 3, Str. 1033-1053,
<b>5.</b>	Ontology for real estate cadastre, Survey Review ISSN: 0039-6265, Vol. 45, No. 332, Str. 357-371,
<b>Conference Papers (min 5 max 10 most relevant references)</b>	

<b>1</b>	Impact analysis of pansharpening Landsat ETM+, Landsat OLI, WorldView-2, and Ikonos images on vegetation indices, Vol. 9688, No. 1, Str. 144-154, UDK <a href="http://dx.doi.org/10.1117/12.2241543">http://dx.doi.org/10.1117/12.2241543</a> , ISBN ISSN: 0277-786X, Fourth International Conference on Remote Sensing and Geoinformation of Environment "The Technical Program is open to all topics in Remote Sensing and Geo-information of Environment and related techniques and applications." (4 ; Paphos ; 2016)
<b>2</b>	Using Gis Technology to Identify New Taxpayers, UDK ISSN 2307-4086, ISBN 978-87-92853-35-6, FIG Working Week 2015 "From the Wisdom of the Ages to the Challenges of the Modern World" (6 ; Sofia ; 2015)
<b>3</b>	Open Satellite Data for the area of Serbia, Vol. 1, No. 1, Str. 127-132, ISBN ISBN:978-86-85525-16, Izdavač: Society for Information Systems and Computer Networks; International Conference on Information Science and Technology (ICIST 2015) "Special session on: Open Data and Geographical Information System applications (ODaGIS)" (5 ; Kopaonik ; 2015)
<b>4</b>	Corn yield estimation in Serbia using MODIS 13Q1 product, Vol. 9535, No. 1, Str. 150-160, UDK <a href="http://dx.doi.org/10.1117/12.2192331">http://dx.doi.org/10.1117/12.2192331</a> , ISBN ISSN: 0277-786X, Third International Conference on Remote Sensing and Geoinformation of Environment "Remote Sensing and Geo-information." (3 ; Paphos ; 2015)
<b>5</b>	Geoportal of the Republic of Srpska, Str. 23-33, ISBN 978-86-7892-413-2, International Conference on Methodologies, Technologies aand Tools Enabling e-Government - MeTTeG12 "International conference on methodologies, technologies and tools enabling e-government METTEG12" (6 ; Beograd ; 2012)
<b>6</b>	Object Based Image Analysis in Forestry Change Detection, Str. 231-236, ISBN 978-1-4244-7395-3, IEEE International Symposium on Intelligent Systems and Informatics (SISY) 2010

**Research interest:**

1. Remote sensing and Image Processing
2. Geoinformatics
3. Geoinformation Systems

**Professional Activities, Recognition and Other Information**

More than 50 scientific papers in scientific journals and conferences, 5 papers in scientific journals from sci list, 12 research national and international projects, 30 commercial projects, administration in 2 Erasmus+ project

No.09

<b>Name and surname:</b>	<b>Vinko Babic</b>
<b>Academic or scientific title:</b>	<b>PhD</b>
<b>Affiliation:</b>	<b>Mechanical engineering</b>

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
1.	Process of uncontrolled combustion	Protection at work - Msc
2.	Systems and assets for fire fighting	Protection at work - Msc
3.	Designing systems for fire protection	Protection at work - Msc
4.	Boilers	Thermoenergetics - BSc
5.	Heat Apparatus	Thermoenergetics - BSc
6.	Steam generators I, II	Thermoenergetics - Msc

No.	Potential subjects in new study programme developed within the K-FORCE project
1.	<b>Design of Fire alarm System and Fire extinguishing System</b>
	<b>Constructive Rules for Fire safety of Building</b>

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
1.	Babic, V., <i>Process of uncontrolled combustion, Lecture notes</i> , University of Banja Luka, Faculty of Mechanical Engineering, 2017.
2.	Vukmirovic, N., Babic, V., Vucenovic, S., <i>Feasibility study for the Project Reconstruction and modernization of the Boiler P-64 of the mine and Thermal Power Station Ugljevik I –Phase I</i> , Faculty of Economics University of Banja Luka, 2008.
<b>Journal Articles (min 5 max 10 most relevant references)</b>	
1.	Dobrnjac M, Zivkovic P, Babic V., <i>The possibility of developing hybrid PV/T solar system</i> , IOP Conf. Ser.: Mater. Sci. Eng. <b>200</b> (2017) 012040
2.	Z. N. Milovanovic; V. Babic: <i>Estimation of Reliability of Thermo-Energy Plants on Macro-Level</i> , Termotehnika, 2010. XXXVI, 1, 71-78
3.	Z. Milovanović, V. Šijački-Žeravčić, V. Babić, S. Borojević, <i>Diagnostics of Maintenance Technical Indicators of the Theermal Power Plants, Part I – Preparation for comparing with "best practices" (benchmarking)</i> , Technical diagnostics, Vol. 8, No. 2, pp. 41-45, Jan, 2009.
4.	Bijelic, V., Trbic, M., Babic, V., <i>Impact of mine and Thermal Power Plant on Hydroecosystem of Gacko's field</i> , Energeticar,, Vol. 4, No. 2, pp. 35–45, Banja Luka, 2004.
5.	Babic, V., <i>Professional staff training in Hydro and Thermal Power Engineering in Republic of Srpska</i> , Energeticar, Vol. 3, No. 1, pp. 11–17, Banja Luka, 2003.
<b>Conference Papers (min 5 max 10 most relevant references)</b>	
1.	Babić, V, Milovanović, Z, Škundrić, J, Tintor, V, <i>Preserving Clean Air in the Urban Areas by Combusting Wooden Biomass Using Banja Luka as an Example</i> , VI Regional Conference "Industrial Energy and Environmental Protection in South Eastern European Countries", 2017
2.	V. Babić, Z. Milovanović, M. Samardžić, J. Škundrić, <i>Optimization of Pulverizing Facility og Steam Boiler P-64 of 300 MW block of TPP "UGLJEVIK"</i> , Proceeding of International Conference "Power Plants 2016", November 2016, Zlatibor Serbia, pp. 559-570, Nov, 2016
3.	Z. Milovanović, V. Babić, S. Dumonjić-Milovanović, M. Samardžić, J. Škundrić, <i>Models of Development Policy for Energetic Sector of Republic of Srpska from the Aspect of Energetic</i>

	<i>Efficiency</i> , Full Papers Proceeding of International Conference "Power Plants 2016", November 2016, Zlatibor Serbia, pp. 708-726, Nov, 2016.
4.	Z. Milovanović, S. Dumonjić-Milovanović, M. Samardžić, <b>V. Babić</b> , J. Škundrić, <i>Introducing Energetic Management in Thermal Energetic Companies in Republic of Srpska</i> , Proceeding of International Conference "Power Plants 2016", November 2016, Zlatibor Serbia, pp. 739-756, Nov, 2016.
5.	<b>V. Babić</b> , T. Živanovic, Z. Stevanovic, Z. Milovanović, <i>Numerical Simulation of the Flowin Coal Powder Inertial Separator</i> , International Conference Power Plants 2012, Zlatibor Serbia, 2012.
6.	<b>V. Babić</b> , Z. Milovanović, D. Jeremic, S. Dumonjic-Milovanovic, <i>Analyses of Cause for Operating problems of Steam Boiler of 300 MW Block in Thermal Power Plant Gacko</i> , International Conference Power Plants, 2010, Vrnjacka banja, Serbia, Oct, 2010
7.	<b>V. Babić</b> , <i>Contribution to the Complex Studing of the Stanari Lignite Combustion</i> , 9th International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology, DEMI 2009. Banja Luka, pp. 493-498, May, 2009

**Research interest:**

1. Thermoenergetics – Boilers, combustion
2. Process of uncontrolled combustion - Fires

**Professional Activities, Recognition and Other Information:**

1. Training program for operating and maintenance workers in Hydro and Thermal Power Engineering in Republic of Srpska
2. Chairman of the Professional Exam Board for workers in Hydro and Thermal Power Engineering (operating and maintenance of the Hydro and Thermal Power facilities) in Republic of Srpska

**No.10**

<b>Name and surname:</b>	<b>Stevo Borojevic</b>
<b>Academic or scientific title:</b>	<b>Ph.D.</b>
<b>Affiliation:</b>	<b>University of Banjaluka; Faculty of Mechanical Engineering</b>

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study (BSc,Msc,PhD)</b>
1.	Standardization and Industrial Legislation	Safety at work, MSc;
2.	Industrial Objects	Safety at work, BSc;
3.	Process Planning Design	Production Engineering; MSc.
4.	Production System Design	Production Engineering; MSc.
5.	Assembly Technologies	Production Engineering; MSc.

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
	<b>Constructive Rules for Fire Safety of Building</b>

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
1.	Standardization and Industrial Legislation, Script, Faculty of Mechanical Engineering, 2010.
2.	Assembly Technologies, Script, Faculty of Mechanical Engineering, 2011.
3.	Process Planning Design – Exercise Manual, Faculty of Mechanical Engineering, 2011.
<b>Journal Articles (min 5 max 10 most relevant references)</b>	
1.	Lukic, D., Milosevic, M., Antic, A., Borojevic, S., Ficko, M.: Multi-criteria selection of manufacturing processes in the conceptual process planning, APEM Journal - Advances in Production Engineering & Management, ISSN 1854-6250, Vol.12 (2) 151-162, 2017.
2.	Mijodrag Milošević, Dejan Lukić, Stevo Borojević, Goran Šimunović, Aco Antić: A Model of Collaborative Process Planning System (e-CAPP), Technical Gazette, ISSN 1330-3651, Vol.24 (1) 97-103, 2017.
3.	Borojević, S., Jovišević, V., Todić, V., Milošević, M., Lukić, D.: Analysis of Faces' Accessibility for the Purpose of Modular Fixtures Design, Strojarstvo, ISSN 0562-1887, Vol. 54 (2) 127-133, 2012.
4.	Vukman, J., Lukić, D., Milošević, M., Borojević, S., Antić, A., Đurđev, M.: Fundamentals Of The Optimization Of Machining Process Planning For The Thin-Walled Aluminium Parts, Journal of Production Engineering, ISSN 1821-4932, Vol.19 (2) 53-56, 2016.
5.	Jovišević, V., Borojević, S., Globočki-Lakić, G., Čiča, Đ., Sredanović B.: Analysis of effectiveness on production system for production of the tools for hydraulic press brakers, ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering, ISSN:1584-2665, Vol. 12 (2) 127-132, 2014.
6.	Lukić, D., Milošević, M., Borojević, S., Vukman, J., Đurđev, M.: Application of multi-criteria decision making for manufacturing process evaluation and selection, Journal of Production Engineering, Vol. 17, (2) 83-86, 2014.
7.	Tepić, J., Todić, V., Lukić, D., Milošević, M., Borojević, S.: Development of the Computer-Aided Process Planning (CAPP) System for Polymer Injection Mold Manufacturing, Metallurgy, ISSN 0543-5846, Vol. 50, No. 4, pp. 273-277, 2011.
<b>Conference Papers (min 5 max 10 most relevant references)</b>	
1.	Borojevic, S., Joviševic, V., Todic, V., Zeljkovic, M.: Parts Design Based On Manufacturing Features, 12th International Scientific Conference Novi Sad, Serbia, 141-144, 2015.

2.	Jovišević, V., Borojević, S, Marković, B.: Tool path selection during machining of aluminium thin wall structures, 39. Conference with International Participation, JUPITER , Belgrade, Serbia, 2014.
3.	Borojević, S., Jovišević, V., Todić, V., Milošević, M., Lukić, D.: Segment of CAPP – Automated modular fixture design in CAD environment , 35th International Conference On Production Engineering, 25.-28. Septembar, Kraljevo, 2013.
4.	Sredanović, B., Globočki-Lakić, G., Čiča, Đ., Borojević, S.: A novel method for material machinability evaluation, Proc. of 4th International Conference of Sustainable Life in manufacturing SLIM 2013, 22nd - 24th September, Fiesa, Slovenia, pp. 110-116., 2013
5.	Jovišević, V., Borojević,S., Globočki-Lakić, G., Sredanović, B.: Laboratories under requirements of Directives and Standards of European Union, DEMI 2011, 361- 366, Banjaluka 2011.
6.	Borojević, S., Jovišević, V., Globočki – Lakić, G., Čiča, Đ., Sredanović, B.: Identification of face functionality with program system for purpose of modular fixture design, Proc. of 34th International Conference on Production Engineering ICPE 2011, Niš, Serbia, pp. 197-200., 2011.
7.	Todić, V., Lukić, D., Milošević, M., Borojević, S., Vukman, J.: Application of Simulation Techniques in The Development and Implementation of Flexible Manufacturing Systems, Proceedings of 15th International Scientific Conference on Industrial Systems (IS'11), pp. 23-28, Faculty of Technical Science, Novi Sad, September, 2011.
8.	Jovišević, V., Borojević, S., Globočki - Lakić, G., Sredanović, B.: Optimization of Production Process with Tecnomatix Plant Simulation, Proceedings of 37. Conference with International Participation JUPITER, Belgrade, Serbia, 8-15, 2011.

**Research interest:**

1. Safety of materials and products according to European Standards and Directives (New approach and Global Approach);
2. Process planning design in the field of production engineering;
3. Technologies for production of various parts and products;

**Professional Activities, Recognition and Other Information**

- Lead consultant for implementation of European Standards and Directives on technical products for purpose of CE marking of products;
- Consultant for Value Chain analysis in metal sector;
- Expert for process planning design and production system design;
- Recreational basketball and football player;

No.11

<b>Name and surname:</b>	Aleksandar Borković
<b>Academic or scientific title:</b>	Assistant Professor
<b>Affiliation:</b>	University of Banjaluka, Faculty of Architecture, Civil Engineering and Geodesy Banja Luka

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
	<b>Dynamic analysis of structures</b>	BSc, Civil Engineering
	<b>Theory of structures 1</b>	BSc, Civil Engineering
	<b>Theory of structures 2</b>	BSc, Civil Engineering
	<b>Finite element method</b>	BSc, Civil Engineering
	<b>Engineering Mechanics</b>	BSc, Civil Engineering
	<b>Plates and shells</b>	Msc, Civil Engineering
	<b>Stability of structures</b>	Msc, Civil Engineering
	<b>Finite element method – advanced course</b>	Msc, Civil Engineering

No.	Potential subjects in new study programme developed within the K-FORCE project
	Risk Analysis in Decision-making Process

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
<b>Journal Articles (min 5 max 10 most relevant references)</b>	
	D. D. Milašinović, R. Cvijić, A. Borković, "Finite strip method in analysis of optimal rectangular bending bridge plates", Facta universitatis serises: mechanics, automatic control and robotics, Vol. 6 No 1, 2007, 97-106
	A. Borković, "Geometrijski nelinearna analiza linijskih nosača u ravni – II dio: primjeri", Zbornik radova građevinskog fakulteta 21, Univerzitet u Novom Sadu - Građevinski fakultet Subotica, Subotica, 2012, 27-38
	A. Borković, "Geometrijski nelinearna analiza linijskih nosača u ravni – I dio: izvođenje jednačina", Zbornik radova građevinskog fakulteta 21, Univerzitet u Novom Sadu - Građevinski fakultet Subotica, Subotica, 2012, 5-17
	A. Borković, N. Mrđa, S. Kovačević, "Dynamical analysis of stiffened plates using the compound strip method", Engineering Structures, 50, 56-67, 2013
	D.D. Milašinović, A. Borković, Ž. Živanov, P.S. Rakić, M. Nikolić, L. Stričević, M. Hajduković, "Large displacement stability analysis of thin plate structures: Scope of MPI/OpenMP parallelization in harmonic coupled finite strip analysis", Advances in Engineering Software, 66, 40-51, 2013
	A. Borković, "Slobodne vibracije ojačanih tankozidnih nosača primjenom metoda konačnih traka sa poduznim i poprečnim ukrućenjima", Zbornik radova građevinskog fakulteta 22, Univerzitet u Novom Sadu - Građevinski fakultet Subotica, Subotica, 31-41, 2013

	A. Borković, "Analysis of snap behaviour of shallow cylindrical shells using finite strip method", Archives for Technical Sciences, 9(1), 43-51, 2013
	A. Borković, D. Milašinović, S. Slavnić, "Materijalno nelinearna analiza rešetkastih nosača u ravni", AGG+, 1 (1), 226-237, 2013. doi: 10.7251/AGGPLUS1301226B
	A. Borković, D. D. Milašinović, V. Golubović-Bgarski, O. Mijatović, M. Desančić, "Experimental and numerical identification of structural modes for engineering education", Facta Universitatis Series: Architecture and Civil Engineering, Vol 12, No 2, 2014, 161-172, DOI: 10.2298/FUACE1402161B
	A. Borković, S. Kovačević, G. Radenković, O. Mijatović, V. Golubović-Bgarski, Geometric nonlinear analysis of prismatic shells using the semi-analytical finite strip method, THIN-WALLED STRUCTURES, 117, 2017, 63-88
<b>Conference Papers (min 5 max 10 most relevant references)</b>	
	D. D. Milašinović, A. Borković, "Rheological-dynamical theory of vibrations of multi-degree-of-freedom structures: Design of viscoelastoplastic dampers", Proceedings of "The Ninth International Conference on Computational Structures Technology", B.H.V. Topping i M. Papadrakakis (Stirlingshire, UK: Civil-Comp Press, 2008), 192, doi:10.4203/ccp.88.192
	D.D. Milašinović, Ž. Živanov, P.S. Rakić, Z. Suvajdžin, M. Nikolić, A. Borković, I. Milaković, "A Finite-Strip Analysis of Nonlinear Shear-Lag Effect Supported by Automatic Visualization", Proceedings of The Seventh International Conference on Engineering Computational Technology, B.H.V. Topping, J.M. Adam, F.J. Pallarés, R. Bru i M.L. Romero (Stirlingshire, UK: Civil-Comp Press, 2010), 80, doi:10.4203/ccp.94.80
	M. Nikolić, D.D. Milašinović, Ž. Živanov, P. Marić, M. Hajduković, A. Borković, I. Milaković, "MPI/OpenMP Parallelisation of the Harmonic Coupled Finite-Strip Method", Proceedings of The Second International Conference on Parallel, Distributed, Grid and Cloud Computing for Engineering, B.H.V. Topping, J.M. Adam, F.J. Pallarés, R. Bru i M.L. Romero (Stirlingshire, UK: Civil-Comp Press, 2011), 94, doi:10.4203/ccp.95.94
	D.D. Milašinović, A. Borković, Ž. Živanov, P.S. Rakić, M. Hajduković, B. Furtula, "Large Displacement Stability Analysis of Columns using the Harmonic Coupled Finite - Strip Method", Proceedings of "The Thirteenth International Conference on Civil, Structural and Environmental Engineering Computing", B.H.V. Topping i Y. Tsompanakis (Stirlingshire, UK: Civil-Comp Press, 2011), 79, doi: 10.4203/ccp.96.79
	Borković, N. Mrđa, S. Kovačević, Dynamical analysis of stiffened plates using the compound strip method, Proceedings of: 7th International Conference on Computational Mechanics for Spatial Structures, A. Ibrahimbegović, S. Dolarević, M. Hrasnica, M. Madžarević and M. Zlatar, International Association for Shell and Spatial Structures - International Association for Computational Mechanics, Sarajevo, 2012, 58-62
	A. Borković, "Free vibration analysis of stiffened thin-walled structures", Proceedings of "11th International Conference on Accomplishments in Electrical and Mechanical Engineering and Information Technology DEMI 2013, University of Banja Luka, Faculty of Mechanical Engineering, Banja Luka, 2013.
	A. Borković, "Buckling Analysis of Stiffened Thin-walled Sections under General Loading Conditions using the Compound Strip Method", in B.H.V. Topping, P. Iványi, (Editors), "Proceedings of the Fourteenth International Conference on Civil, Structural and Environmental Engineering Computing", Civil-Comp Press, Stirlingshire, UK, Paper 100, 2013. doi:10.4203/ccp.102.100
	A. Borković, "Geometric Nonlinear Analysis of Stiffened Prismatic Shell Structures using the Compound Strip Method", in B.H.V. Topping, P. Iványi, (Editors), "Proceedings of the Fourteenth International Conference on Civil, Structural and Environmental Engineering Computing", Civil-Comp Press, Stirlingshire, UK, Paper 94, 2013. doi:10.4203/ccp.102.94

	A. Borković, Visualization of 3D structural analysis data, Proceedings of international conference on applied internet and information technologies, University of Novi Sad, Technical Faculty "Mihajlo Pupin", Zrenjanin, 25.10.2013. 477-480
	A. Borković, N. Rajlić, "Development of open educational software for linear static analysis of plane trusses with real-time update of results", Book of Proceedings of 12th international conference: Theory and practice in construction, AGGF, Banjaluka, 2016.

**Research interest:**

1. Continuum mechanics
2. Computational mechanics
3. Isogeometric analysis
4. Experimental analysis

**Professional Activities, Recognition and Other Information**

No.12

<b>Name and surname:</b>	Snezana Mitrovic
<b>Academic or scientific title:</b>	PhD, Associate Professor
<b>Affiliation:</b>	Civil engineering

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
1	<b>Steel construction 1</b>	BSc
2	<b>Steel construction 2</b>	BSc
3	<b>Structural systems</b>	BSc
4	<b>Structural systems</b>	MSc
5	<b>Building technology</b>	BSc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
	<b>Repair of Timber, Steel and Masonry structures</b>

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
1	<b>Mitrović, S.</b> Steel and timber construction 1, second edition, , Belgrade school for applied studies in civil engineering and geodesy, Serbia, 2015, 402 pages, ISBN 978-86-7488-131-6 - in Serbian
2	<b>Mitrović, S.</b> Steel and timber construction 2, Belgrade school for applied studies in civil engineering and geodesy, Serbia, 2011, 168 pages, 978-86-7488-114-9- in Serbian
3	Ćirović, G., <b>Mitrović,S.</b> BUILDING TECHNOLOGY, third edition, Belgrade school for applied studies in civil engineering and geodesy, Serbia, 2014, 472 pages, ISBN 978-86-7488-140-8 - in Serbian
4	<b>Mitrović S., editorial board</b> , International congress Sport Facilities / Modernization and construction, SPOFA 2016, University of Belgrade, Faculty of Sport and Physical and Education Serbia, Edition MONOGRAPHS, Belgrade, 2016,
5	<b>Mitrović S., editorial board</b> , International congress Sport Facilities / Crisis and Consequences SPOFA 2014, University of Belgrade, Faculty of Sport and Physical and Education Serbia, Edition MONOGRAPHS, Belgrade, 2014,

**Journal Articles (min 5 max 10 most relevant references)**

1	Tomičić-Torlaković, M., Ćirović G., <b>Mitrović, S.</b> , Branković, V., Optimization and ranking of track superstructure types for light rail transit, Građevinar no. 66, Zagreb, Croatia, pp.917-927. DOI: 10.14256/JCE.992., 2013
2	Ćirović, G., Sudić, S., <b>Mitrović,S.</b> , Risk analysis and management on public private partnership projects (PPP) in Serbia, OTMC, International journal, Volume 5, Issue 1, june 2013, Zagreb, Croatia, 2013., pp. 696-701., issn 1847-5450, DOI:10.5592/otmcj.2013.1.6.
3	Ćirović, G., <b>Mitrović, S.</b> , Fuzzy genetic algorithm for steel construction optimisation, Engineering and Computational Mechanics, ISSN:1755-0777, 165, 1, 2012, pp. 67-73. 10.1680/eacm.2011.164.1.1
4	Ćirović, G., <b>Mitrović S.</b> , Constructions from light galvanized steel in residential and public building, "Modul" , no. 52, Belgrade, 2008, - in Serbian
5	Ćirović, G., <b>Mitrović, S.</b> , Evolutional algorithms in optimization of network plans, Izgradnja, no. 5/6, Belgrade, 2007, - in Serbian

**Conference Papers (min 5 max 10 most relevant references)**

<b>1</b>	<b>Mitrović, S.</b> , Nikolić, D., Ćirović, G., Glass constructions: aspects of design, application standards, GNP, Žabljak, Montenegro, 2016, pp. 915-923, ISBN 978- 86-82707-30-1, COBISS.CG-ID 29599504
<b>2</b>	<b>Mitrović, S.</b> , Ćirović, G., Nikolić, D., Evolutionary algorithms for construction optimization, XV international symposium, MACE, Struga, Macedonia, 2013, pp. 141-142.
<b>3</b>	Ćirović, G., <b>Mitrović, S.</b> , Nikolić, D., Janković, K. Cuckoo search optimization of retain wall dimensions, iNDiS 2012, 12.International Scientific Conference: PLANNING, DESIGN, CONSTRUCT AND RENEWAL IN THE CIVIL ENGINEERING, Novi Sad, Serbia, 2012, pp. 53-60.
<b>4</b>	<b>Mitrović, S.</b> , Ćirović, G., Optimization of steel plane truss members cross sections with simulated annealing method, 5th International Scientific Conference "ARCHITECTURE, CIVIL ENGINEERING – MODERNITY" , 2011, Varna, Bulgaria, pp. 355-362.
<b>5</b>	Ćirović, G., <b>Mitrović, S.</b> , Nikolić, D., Janković, K., Defining the problem of optimization of the composite construction, XXXVIII SYM-OP-IS, Zlatibor, Serbia, 2011, pp. 209-212. - in Serbian

**Research interest:**

- 1. Building construction and technology**
- 2. Steel constructions**
- 3. Engineering optimisation**

**Professional Activities, Recognition and Other Information**

- Member of the Association of Engineers, Serbia
- Member of the Chamber of Engineers, Serbia

**No.13**

<b>Name and surname:</b>	Marina Babic-Mladenovic
<b>Academic or scientific title:</b>	Ph.D
<b>Affiliation:</b>	Jaroslav Cerni Institute, Belgrade, Serbia

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
1	River engineering	SP of Civil Engineering, 240 ETCS, BSc
2	Flood defense	SP of Civil Engineering, 300 ETCS, Msc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
	Flood risk management

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
1	Babić Mladenović M. (1998): Objekti, radovi i mere za zaštitu od poplava, Opšti deo I: Poglavlje 5, Monografija "Zaštita od poplava u Srbiji", str. 51-67, Institut za vodoprivredu „Jaroslav Černi“, 1998.
2	Varga S., Babić-Mladenović M. (2001): Zaštita od poplava u Srbiji – savremeni pristup, Monografija “Upravljanje vodnim resursima Srbije 2001.”, Institut za vodoprivredu «Jaroslav Černi», Beograd, str. 73-90
3	Varga S., Babić Mladenović M., Knežević Z. (2003): Voda kao determinanta razvoja regionalnog Beograda, poglavlj u knjizi Beograd i njegov region, Geografski fakultet – Institut za prostorno planiranje i Asocijacija prostornih planera Srbije, ISBN 86-82657-31-7, str. 149-158
4	Babić Mladenović M. et all (2009): Transboundary flood risk management - Experiences from the UNECE region, United Nations Economic Commission For Europe, Convention on the Protection and Use of Transboundary Watercourses and International Lakes, ISBN: 978-92-1-117011-5 <a href="http://www.unece.org/env/.../Transboundary_Flood_Risk_Managment.pdf">www.unece.org/env/.../Transboundary_Flood_Risk_Managment.pdf</a>
5	Babić Mladenović M., Bartoš Divac V., Kolarov V. (2010): Protection from harmful water effects / Zaštita od voda, Chapter 6, Monografija „The Danube in Serbia“ – The Results of National Program of the Second Joint Danube Survey 2007 / „Dunav kroz Srbiju“ – Rezultati Nacionalnog programa Drugog zajedničkog istraživanja reke Dunav 2007.; Edited by: P. Simonović, V. Simić, S. Simić, M. Paunović; Publishers: Republika Srbija, Ministarstvo poljoprivrede, šumarstva i vodoprivrede – Republička direkcija za vode, Univerzitet u Beogradu, Institut za biološka istraživanja „Siniša Stanković“, Univerzitet u Kragujevcu, Prirodno-matematički fakultet; Beograd, ISBN: 978-86-81829-96-7, str. 89-96, 2010.
6	Kolarov V., Babić Mladenović M. (2012): Implementation of the EU Floods Directive in a non-EU country: Serbia's experience with Preliminary Flood Risk Assessment, 2nd European Conference on Flood Risk Management, FLOODrisk2012 „Comprehensive Flood Risk Management, Research for policy and practice“, Eds. F. Klijn and T. Schreckendiek, 20-22 November 2012, Rotterdam, The Netherlands, ISBN: 978-0-415-62144-1, Publisher: CRC Press/Balkema, pp. 316-317, 2012.
7	Babić Mladenović M. (2017): Uredjenje vodotoka, Institut za vodoprivredu Jaroslav Černi i AGGF Banja Luka (priprema za štampu)
<b>Journal Articles (min 5 max 10 most relevant references)</b>	
1	Kolarov V., Babić Mladenović M. (2010): Podaci za izradu Preliminarne procene rizika od poplava na teritoriji Republike Srbije, časopis Vodoprivreda, broj 243-245, ISSN 0350-0519, v. 42, no. 1-3/2010, Beograd, str. 79-86, 2010.

2	Kolarov V., Babić Mladenović M. (2012): EU Floods Directive Implementation in Serbia: Activities and Challenges, 5th Conference on Water, Climate and Environment - BALWOIS 2012 , 28 May – 2 June 2010, Ohrid, Republic of Macedonia, ISBN 978-608-4510-10-9, rad na USB-u str. 1-5, 2012.
3	Babić Mladenović M., Kolarov V. (2015): May 2014 Floods in Serbia, Journal of Serbian Water Pollution Control Society „Water Research and Management“, ISSN 2217-5237, Izdavač: Srpsko društvo za zaštitu voda, Vol. 5, No. 1, pp. 3-8, 2015. <a href="http://www.wrmjournal.com/images/stories/casopis/No_17/01.pdf">http://www.wrmjournal.com/images/stories/casopis/No_17/01.pdf</a>
4	Babić Mladenović M., Kolarov V. (2015): Smernice za unapređenje zaštite od poplava u Srbiji, časopis Vodoprivreda, ISSN 0350-0519, Izdavač: Srpsko društvo za odvodnjavanje i navodnjavanje, broj 276-278, vol. 47, Beograd, str. 235-242, 2015.
5	Babić Mladenović M., Kolarov V. (2016): River Basin Studies as a Basis for Flood Risk Management Planning: the Kolubara River Basin Case Study, Journal of Serbian Water Pollution Control Society „Water Research and Management“, ISSN 2217-5237, Izdavač: Srpsko društvo za zaštitu voda, Vol. 6, No. 2, pp. 3-9, 2016.
<b>Conference Papers (min 5 max 10 most relevant references)</b>	
1	Babic Mladenovic M., Jovanovic M., Knezevic Z. (2004): The Integrated Flood Management - The Karas River Case Study, 3rd ECRR International Conference on River Restoration in Europe – River restoration 2004, Principles, processes and practise, Zagreb, 17-21.05. 2004
2	Babić-Mladenović M., Kolarov V., Pavlović R. (2010): Aktivnosti na implementaciji Direktive o proceni i upravljanju rizicima od poplava, 39. konferencija o aktuelnim problemima korišćenja i zaštite voda "VODA 2010", 8.-10. jun 2010., Divčibare, Izdavač: Srpsko društvo za zaštitu voda, ISBN 978-86-904241-7-7, str. 1-4, 2010.
3	Antonić V., Babić Mladenović M. (2015): Zaštita Beograda od velikih voda Dunava i Save, 17. savetovanje Srpskog društva za hidraulička istraživanja (SDHI) i Srpskog društva za hidrologiju (SDH), 5-6. oktobar 2015., Vršac, ISBN 978-86-7518-183-5, Izdavač: Građevinski fakultet Univerziteta u Beogradu, rad na CD-u str. 756-764, 2015.
4	Babić Mladenović M., Kolarov V., Bartoš Divac V. (2015): Odbrana od poplava na Savi 2014 - iskustva i planovi za unapređenje sistema zaštite, 17. savetovanje Srpskog društva za hidraulička istraživanja (SDHI) i Srpskog društva za hidrologiju (SDH), 5-6. oktobar 2015., Vršac, ISBN 978-86-7518-183-5, Izdavač: Građevinski fakultet Univerziteta u Beogradu, rad na CD-u str. 706-715, 2015.
5	Babić Mladenović M., Kolarov V. (2015): Šta posle poplave 2014?, 17. savetovanje Srpskog društva za hidraulička istraživanja (SDHI) i Srpskog društva za hidrologiju (SDH), 5-6. oktobar 2015., Vršac, ISBN 978-86-7518-183-5, Izdavač: Građevinski fakultet Univerziteta u Beogradu, rad na CD-u str. 728-737, 2015.
6	Babić Mladenović M., Kolarov V. (2015): Plan upravljanja rizicima od poplava na slivu Dunava, 17. savetovanje Srpskog društva za hidraulička istraživanja (SDHI) i Srpskog društva za hidrologiju (SDH), 5-6. oktobar 2015., Vršac, ISBN 978-86-7518-183-5, Izdavač: Građevinski fakultet Univerziteta u Beogradu, rad na CD-u str. 745-755, 2015.
7	Prohaska S., Bartoš Divac V., Đukić D., Todorović N., Kolarov V., Babić Mladenović M. (2016): Poplava u maju 2014. godine u slivu reke Kolubare - uzroci i posledice, 45. konferencija o aktuelnim temama korišćenja i zaštite voda "VODA 2016", 15.-17. jun 2016., Zlatibor, Izdavač: Srpsko društvo za zaštitu voda, Beograd, ISBN 978-86-916753-3-2, str. 55-64, 2016.

**Research interest:**

1. Flood risk management
2. River Engineering
3. \_

**Professional Activities, Recognition and Other Information:**

Dr Marina Babic Mladenovic is employed in the Jaroslav Cerni Institute for the Development of Water Resources in Belgrade, Serbia where she works as Director of the Department for River Engineering since 2001. She is a member of a number of international expert bodies:

1. International Commission on Protection of the Danube River – Expert Group on Flood Protection (FLOOD EG)
  2. International Commission on Protection of the Danube River - Expert Group on Hydromorphology (HYMO EG)
  3. International Sava River Basin Commission – Permanent Expert Group for Flood Prevention (PEG FP)
- International Sava River Basin Commission – Task Group on Sediment Management.

No.14

<b>Name and surname:</b>	Nenad Jacimovic
<b>Academic or scientific title:</b>	Associate Professor/PhD
<b>Affiliation:</b>	University of Belgrade, Faculty of Civil Engineering, Department of Hydraulic and Environmental Engineering Bulevar kralja Aleksandra 73, 11000 Belgrade njacimovic@grf.bg.ac.rs

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
	Fluid Mechanics (Obligatory subject)	SP of Civil Engineering, 240 ETCS, BSc
	Transient Hydraulics (Obligatory subject)	SP of Civil Engineering, 240 ETCS, BSc
	Groundwater hydraulics (Obligatory subject)	Msc of Civil Engineering, 240 ETCS, BSc

No.	Potential subjects in new study programme developed within the K-FORCE project
	Exploitation and Protection of Groundwater

**Research and scholarly output**

Books, monographs and chapter in books and monographs (add as many raw as you need)	
	Numerical modeling of multiphase flows in porous media and its application in hydraulic engineering – PhD Thesis
	Naunovic Z., N. Jacimovic, D. Kostic and M. Ivetic (2014), Basics in Environmental Engineering, University of Belgrade, Faculty of Civil Engineering, ISBN: 978-86-7518-164-4, COBISS.SR-ID 207586316.
	Jacimovic N. and M. Stanic, Urban Flood Management: Chapter 2.2: Groundwater flooding,, CRC Press/Balkema – Taylor & Francis Group, London, ISBN: 9780415559447
	Prodanović D., D. Pavlović and N. Jaćimović (2002), Distribution systems diagnostics for their sustainability, Chapter in the book “Sutainability of Urban Environmental Systems - Code of Practice”, Editors: D. Djuric, C. Maksimovic, M. Ivetic and I. Andjelkovic, Banja Luka, RS.
Journal Articles (min 5 max 10 most relevant references)	
	Stanic, F., N. Jacimovic, A. Randjelovic and J. Despotovic (2017), Laboratory Investigation of hydraulic characteristics of fly ash as a fill material from the aspect of pollutant transport, Water Science & Technology, doi: 10.2166/wst.2017.243
	Randjelovic, A., K. Zhang, N. Jacimovic, D. McCarthy and A. Deletic (2016), Stormwater biofilter treatment model (MPiRe) for selected micro-polutants, Water Research, Vol. 89, pp. 180-191, doi: 10.1016/j.watres.2015.11.046.
	Jaćimović N., H. Takashi, H. D. Park and M. Ivetić (2016), Numerical modeling of hypolimnetic oxygenation by electrolysis of water, Thermal Science, doi:10.2298/TSCI160201190
	Stojković, M. and N. Jaćimović (2015), A simple numerical method for snowmelt simulation based on the equation of heat energy, Water Science & Technology, doi:10.2166/wst.2015.628.
	Onda, S., T. Hosoda, N. Jacimovic, I. Kimura (2015), Numerical simulation of Levee Breach due to Overtopping Flow, Journal of JSCE, Journal of Japan Society of Civil Engineers, Ser. B1 (Hydraulic Engineering), vol. 71, issue 4, pp. I_913-I_918, doi: 10.2208/jscejhe.71.I_913

	Jaćimović, N., D. Kostić, S. Grašić i N. Nenadić (2014), Water quality impact assessment of realization of the cascade of 10 hydropower plants system on river Ibar, Vodprivreda, Vol. 46, pp. 163-178, ISSN: 0350-0519.
	Jacimovic, N., T. Hosoda, M. Ivetic and K. Kishida (2007), A novel approach in numerical simulation of contaminant removal by air sparging, Water Science and Technology: Water supply Vol. 7(3), pp. 163-170.
	Jaćimović, N., M. Stanić, T. Dašić, B. Đorđević, P. Milanović, N. Sudar i S. Savić (2015), Development of distributed hydrologic model for runoff simulation in karst, Vodprivreda, Vol. 47, pp. 29-40, ISSN: 0350-0519.
	Jacimovic, N., T. Hosoda, K. Kishida and M. Ivetic (2006), Two-phase numerical model for air sparging simulation with modeling of acceleration terms, Journal of Applied Mechanics, JSCE, Vol.9, pp. 765-771.
	Jacimovic, N., T. Hosoda, K. Kishida and M. Ivetic (2005), Numerical Solution of the Navier-Stokes equations for incompressible flow in porous media with free surface boundary, Journal of Applied Mechanics, JSCE, Vol.8, pp. 225-231.
<b>Conference Papers (min 5 max 10 most relevant references)</b>	
	Randjelović A., V. Prodanović, N. Jaćimović & A. Deletić (2015), Assessing uncertainty of a water quality model for a stormwater biofiltration treatment system, 7th IWA Eastern European Zoung Water Professional Conference, Belgrade, Serbia.
	Randjelovic A., K. Zang, A. Deletic, D. McCarthy and N. Jacimovic (2014), Preliminary study on transport and fate of selected pesticides at a stormwater biofilter site, 6th IWA Eastern European Zoung Water Professional Conference: East meets West, Istanbul, Turkey
	Prodanovic V., A. Randjelovic, N. Jacimovic and A. Deletic (2014), Dealing with uncertainty in calibration of a stormwater biofilter model, 13th International Conference on Urban Drainage, Sarawak, Malaysia, <a href="http://www.13icud2014.com">http://www.13icud2014.com</a>
	Hovany, L., O. Gabric, N. Jacimovic, (2012), The use of natural geological fomrations to decrease strom runoff, Proceedings of the 9th International Conference on Urban Drainage Modelling, Belgrade, Serbia, ISBN 978-86-7518-155-2, str. 67-73.
	Jaćimović, N., M. Ivetic, T. Hosoda, P. Ho-Dong, (2010), Numerical modeling of dissolved oxygen recovery during aeration in lakes, Proceedings of the 6th International Symposium on Environmental Hydraulics (6th ISEH), Editors: George C. Christodoulou; Anastasios I. Stamou, vol. (2), CRC Press, ISBN:9780415584753, pp. 729-734.

**Research interest:**

4. Groundwater hydraulics and pollutant transport
5. Environmental Engineering
6. Water quality and hydrodynamics of lakes

**Professional Activities, Recognition and Other Information;**

Professional references in the field of Environmental Engineering:

1. Expert for Environmental issues, Support to Water Resources Management in the Drina River Basin – World Bank Group, Stucky Ltd, 2017.
2. Project Manager of the Environmental and Social Impact Assessment Study for the system of 10 hydropower plant cascade on the river Ibar in Serbia, 2013, Institute for the Development of Water Resources “Jaroslav Cerni”, Belgrade, Serbia.
3. Project Manager of the Environmental Impact Assessment Study for the hydropower plant Bocac 2 at river Vrbas, Bosnia and Herzegovina, 2013, Institute for the Development of Water Resources “Jaroslav Cerni”, Belgrade, Serbia.

4. Project Manager of the Environmental and Social Impact Assessment Study of the River Pestan Water Management and Flood Control Project, 2011, Institute for the Development of Water Resources "Jaroslav Cerni".
5. Project Manager of the Environmental and Social Impact Assessment Study for 7 small hydropower plants on existing dams in Serbia, 2014, Institute for the Development of Water Resources "Jaroslav Cerni", Belgrade, Serbia.
6. Principal Engineer of the Preliminary Environmental Impact Assessment Study for the Preparatory Survey on the Sewerage System Improvement for the City of Belgrade (Interceptors, Pumping stations and the Wastewater Treatment Plant), 2013, TEC International Co., Ltd., Japan.
7. Technical supervisor of the Multidisciplinary Environmental Impact Assessment of the Existing Fly Ash Deposition Sites in Serbia on Groundwater and Soil with Remediation Measures, (2011), Electric Power Industry of Serbia.
8. Consultant/Principal Engineer of the Bor Regional Development Project Consulting Services Site Investigations, Technical/Organisational Planning and Determination of Environmental Impact Assessment and Preparation of Environmental Management Plans for the Remediation of the Tailing Dump facilities and Mining Waste Dump Sites at Bor Mining Area, 2012, The Regional Environmental Center for Central and Eastern Europe & Witteveen+Bos.
9. Principal Engineer of the Preliminary Environmental Impact Assessment of the Reconstruction of the System for Fly Ash Transport and Tailing at the thermopower plant "Nikola Tesla A" in Serbia, 2005, Electric Power Industry of Serbia.
10. Principal Engineer of the Preliminary Environmental Impact Assessment of the Reconstruction of the System for Fly Ash Transport and Tailing at the thermopower plant "Nikola Tesla B" in Serbia, 2004, Electric Power Industry of Serbia.
11. Risk Assessment and Water Quality Sensitivity Study of the Water Reservoirs Gruza and Celije in Serbia, 2012, Ministry of Agriculture, Forestry and Water Management of Serbia, Water, the Republic Directorate for Water.
12. Principal Engineer of the Preliminary Environmental Impact Assessment Study for the Preparatory Survey on the Sewerage System Improvement for the City of Belgrade (Interceptors, Pumping stations and the Wastewater Treatment Plant), 2013, TEC International Co., Ltd., Japan.
13. Risk Assessment and Water Quality Sensitivity Study of the Water Reservoirs Gruza and Celije in Serbia, 2012, Ministry of Agriculture, Forestry and Water Management of Serbia, Water, the Republic Directorate for Water.
14. Technical supervisor of the Feasibility study of the Reconstruction of the waste water pumping station "Usce" in Belgrade: Phase I – The main pipeline under the Sava river and along the Bulevar vojvode Bojovica street, 2008, Belgrade Land Development Public Agency.

**Membership in professional associations:**

1. Serbian Society of Hydraulic Research
2. International Association of Hydro-Environmental Engineering and Research
3. Japan Society of Civil Engineers

No.15

<b>Name and surname:</b>	Sasa B, Cvoro
<b>Academic or scientific title:</b>	Assistant Professor/PhD
<b>Affiliation:</b>	University of Banja Luka, Faculty of Architecture, Civil Engineering and Geodesy, Department of Architecture, Chair of architectural design and Chair of architectural technology Bulevar vojvode Stepe Stepanovica 77, 78000 Banja Luka, Republic of Srpska <a href="mailto:sasa.cvoro@aggf.unibl.org">sasa.cvoro@aggf.unibl.org</a>

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
	<b>Installations 1 - 2 (Obligatory subject)</b>	SP of Architecture, 240 ETCS, BSc
	<b>Installations in buildings (Elective subject)</b>	SP of Civil Engineering, 240 ETCS, BSc
	<b>Building constructions 1-2 (Obligatory subject)</b>	SP of Civil Engineering, 240 ETCS, BSc
	<b>Architectural design in real context (Elective subject)</b>	SP of Architecture, 240 ETCS, BSc
	<b>Architectural and urbanistic parameters of energy efficiency (Obligatory subject)</b>	SP of Architecture, 300 ETCS, Msc

No.	Potential subjects in new study programme developed within the K-FORCE project
	Constructive Rules for Fire safety of Building

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
	Saša B. Čvoro(2007): "Modern forms of materialization and shaping of stairs"; Monograph; University of Banja Luka, Faculty of Architecture, Civil Engineering and Geodesy, Banjaluka p. 1-247
<b>Journal Articles (min 5 max 10 most relevant references)</b>	
	Saša B. Čvoro (2015): „Analysis of measurable factors with the influence on the air quality as a basis for the improvement of air comfort in buildings“, ACEG+ Jurnal for Architecture, Civil Engineering and Geodesy and other scientific fields, 2nd Issue, p. 122-137
	Saša B. Čvoro, M. Čvoro, R.Beleslin (2014): „Preparation and course of construction of the Faculty of Architecture, Civil Engineering and Geodesy building, University of Banjaluka“, ACEG+ Jurnal for Architecture, Civil Engineering and Geodesy and other scientific fields, 1st Issue, p. 122-137
	Saša B. Čvoro, M. Čvoro, R.Beleslin (2014): "Objects in the function of improving the quality of the environment in the architectural space"; Scientific journal "Contemporary Construction", no. 12; Publisher: Zavod za izgradnju, a.d. Banja Luka; p. 34-41.
	Saša B. Čvoro (2010): Move stairs in the creation of modern architectural spaces; Scientific journal "Contemporary Construction", no. 1; Publisher: Zavod za izgradnju, a.d. Banja Luka; p. 54 - 62.

	A.Janković, Saša B. Čvoro, R. Beleslin (2017): "Analysis of noise reduction in the environment by a sound barrier", AGG + Journal of Architecture, Civil Engineering, Geodesy and Related Scientific Areas, No.4, pp. 068-077.
<b>Conference Papers (min 5 max 10 most relevant references)</b>	
	Saša B. Čvoro (2014): " Natural ventilation through a double layer facades - energy-efficient and sustainable construction"; International scientific symposium Installations & Architecture; Faculty of Architecture, University of Belgrade; M.Radojević editor, Proceedings, Belgrade, p. 122-128
	Saša B. Čvoro, B.Bojanić (2013): "The possibility of collecting and storing rainwater in the example of the Architecture and Civil Engineering building projekt in Banja Luka "; International scientific symposium Installations & Architecture; Faculty of Architecture, University of Belgrade; M.Radojević editor, Proceedings, Belgrade, p. 232-237
	Saša B. Čvoro, M. Čvoro (2011): "Architectural structures restoration in order to define the identity space"; International scientific expert conference Architecture and Urban Planning, Civil Engineering, Geodesy - Yesterday, Today, Tomorrow; University of Banja Luka, Faculty of Architecture, Civil Engineering and Geodesy, Proceedings, Banjaluka p. 93 – 102
	Saša B. Čvoro (2010): "Some elements of air comfort significant for energy performance of buildings"; International scientific symposium Installations & Architecture; Faculty of Architecture, University of Belgrade; M.Radojević editor, Proceedings, Belgrade, p. 267 – 273
	M. Čvoro, Saša B. Čvoro (2009): "Implementation possibilities of some project designing elements in passive house principles"; in Scientific research project Energetski i ekološki održivo graditeljstvo; University of Banja Luka, Faculty of Architecture, Civil Engineering and Geodesy, Proceedings, Banjaluka

**Research interest:**

1. Architectural design
2. Architectural tehnology
3. Energy efficiency of buildings

**Professional Activities, Recognition and Other Information;**

1st prize in the category Accessibility for Reconstruction and design of the street Kralja Petra I Oslobodioca in Prijedor; autor with M. Čvoro; CEMEX Building Award, Edition XIX, Mexico; 2010

3rd prize in the category Infrastructure and urbanism for Reconstruction and design of the street Kralja Petra I Oslobodioca in Prijedor; autor with M. Čvoro; CEMEX Building Award, Edition XIX, Mexico; 2010

**Membership in professional associations:**

No.16

<b>Name and surname:</b>	Tina Basic
<b>Academic or scientific title:</b>	Associate Professor/PhD
<b>Affiliation:</b>	University of Belgrade, Faculty of Civil Engineering Bul. kralja Aleksandra 73, 11000 Belgrade mtina@grf.bg.ac.rs

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
1	Water Resources Management (Obligatory subject)	SP of Civil Engineering, 240 ETCS, BSc
2	Water Power Engineering (Obligatory subject)	SP of Civil Engineering, 60 ETCS, MSc
3	Optimization methods (Elective subject)	SP of Civil Engineering, 180 ETCS, PhD
4	Water resources systems management (Elective subject)	SP of Civil Engineering, 180 ETCS, PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
	Integral Management of Water Resource

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs (add as many raw as you need)</b>	
1	Reservoir water quality (modeling, observing, assessment), Biblioteka Academija, Zadužbina Andrejević, 1999
2	Hydropower - through solving concrete problems, Faculty of Civil Engineering, University of Belgrade, 2008
3	Improving the Environment through Active Water Resources Management, chapter, Publication of the Montenegrin Academy of Science and Arts, Podgorica, 2004.
<b>Journal Articles (min 5 max 10 most relevant references)</b>	
1	Harmonization of development projects in the Drina river basin with environmental conservation requirements, Journal "Vodoprivreda", 2004
2	A multi-model approach to the simulation of large scale karst flows, Journal of Hydrology, Vol. 348, Issues 3-4, 2008
3	Modelling of ecological processes in reservoirs of hydropower system, Journal "Elektroprivreda", 2009
4	Analysis of the utility and management of karst underground reservoirs: case study of the Perućac karst spring, Carbonates evaporites, Vol. 26, Issue 1, 2011
5	Determining the required flow downstream from the dam and river water intake, Journal "Vodoprivreda", Belgrade, 2011
6	Water storage reservoirs and their role in the development, utilization and protection of catchment, Spatium International Review, 2011
7	Effect of partial translation of water from Buna and Bregava catchment into Trebišnjica river catchemnt area, Journal "Vodoprivreda", Belgrade, 2012
8	Incorporati of water storage reservoirs into the environment, Scientific Journal of Civil Engineering, Vol. 2, Issue 2, Skopje 2013
9	Multicriteria optimization of natural and recycled aggregate concrete for structural use, Journal of Cleaner Production, Vol. 87, 2015

<b>10</b>	Categories of reliability that should be analyzed during the planning and operation of water resources systems, Journal "Vodoprivreda", 2016
<b>Conference Papers (min 5 max 10 most relevant references)</b>	
<b>1</b>	Prediction and management of water quality in water storage reservoirs, (as coauthor with B. Djordjevic), International Environmental Modeling and Software Society, Lugano 2002
<b>2</b>	Reliability of complex water resources systems, International conference Dependability and quality management, Belgrade, 2003
<b>3</b>	Water resources facilities and systems - direction of development of water management systems, I International scientific-professional conference "Vode Srbije 2010", Novi Sad, 2010
<b>4</b>	One Example of Cascaded Reservoirs Hydropower System Modelling for Master Plan Analysis. In: IWA Young Water Professionals conference
<b>5</b>	Management of multipurpose water storage reservoirs in high water regimes, 4 <sup>th</sup> Congress on dams, Struga, 2017

**Research interest:**

1. Water resources systems (management, optimization, planning, and modelling)
2. Environmental impact of water resources systems (dams and reservoirs)
3. Application of fuzzy theory, neural networks, evolutionary algorithms and other tools
4. Reliability allocation in water resources systems (planning of subsystems reliability)

**Professional Activities, Recognition and Other Information;**

Technical Editor : Journal "Water Resources Management"  
 2012-2015 - Vice Dean for Academic Affairs, Faculty of Civil Engineering

**Membership in professional associations:**

Professional Memberships: - International Environmental Modelling and Software Society  
 - Yugoslav Association of Operational Researchers  
 - Serbian Association of Hydraulic Researchers  
 - Serbian Association for Large Dams

Member of the Working Group for Directive Specific Implementation Plan on Water Framework Directive

Member of the Working Group for preparing elements for water management plans

No.17

<b>Name and surname:</b>	<b>Gordana Broćeta</b>
<b>Academic or scientific title:</b>	Associate Professor/PhD
<b>Affiliation:</b>	University of Belgrade, Faculty of Civil Engineering Bul. kralja Aleksandra 73, 11000 Belgrade mtina@grf.bg.ac.rs

**Teaching**

No.	List of subjects	Study programme and the level of the study (BSc,Msc,PhD)
1.	<b>Building materials 1 (Obligatory subject)</b>	SP of Civil Engineering, 240 ETCS, BSc
2.	<b>Building materials 2 (Obligatory subject)</b>	SP of Civil Engineering, 240 ETCS, BSc
3.	<b>Production technology and assembly structures (Elective subject)</b>	SP of Civil Engineering, 240 ETCS, BSc
4.	<b>Application of contemporary materials to roads (Elective subject)</b>	SP of Civil Engineering, 240 ETCS, BSc
5.	<b>Materials in architecture (Obligatory subject)</b>	SP of Architecture, 240 ETCS, BSc
6.	<b>Contemporary concrete composites (Obligatory subject)</b>	SP of Civil Engineering, 300 ETCS, Msc
7.	<b>Masonry structures (Elective subject)</b>	SP of Civil Engineering, 300 ETCS, Msc
8.	<b>Durability and assessment of concrete structures (Elective subject)</b>	SP of Civil Engineering, 300 ETCS, Msc

No.	Potential subjects in new study programme developed within the K-FORCE project
1.	<b>Assessment of Damaged Structures (Elective subject)</b>
2.	<b>Constructive Rules for Fire safety of Building (Elective subject)</b>
3.	<b>Repair of concrete structures (Elective subject)</b>

**Research and scholarly output**

Books, monographs and chapter in books and monographs (add as many raw as you need)	
	-
Journal Articles (min 5 max 10 most relevant references)	
1.	M. Malešev, V. Radonjanin, <b>G. Broćeta</b> : "Properties of recycled aggregate concrete", Contemporary Materials V-2 (2014), Academy of Sciences and Arts of the Republic of Srpska, Banjaluka, 2015, UDC 621.1, ISSN 1986-8669 (Print), ISSN 1986-8677 (Online), COBISS.BH-ID 18414342, pp. 239-249 .
2.	<b>G. Broćeta</b> , D. Đurić-Mijović, M. Škrbić: "The influence of hyperplasticizer on concrete", Materials Protection 55-4 (2014), Engineers Society of Corrosion, Beograd, 2014, UDC 620.16:666.972.16, UDC 620.197(06.22)(497.1), ISSN 0351-9465, doi:10.5937/ZasMat1404419B, pp. 419-426.
3.	E. Zlatanović, <b>G. Broćeta</b> , N. Popović: Numerical modelling in seismic analysis of tunnels regarding soil–structure interaction, Facta Universitatis Architecture and Civil Engineering, 2013, DOI 10.2298/FUACE1303251Z, pp. 251 – 267.
4.	<b>G. Broćeta</b> , M. Malešev, V. Radonjanin: "Production technologies of recycled aggregate using waste concrete", AGG+ Journal for Architecture, Civil Engineering, Geodesy and other related scientific fields, Faculty of architecture and civil engineering, University of Banja Luka, 2013, UDC 624.012.45.04, DOI 10.7251/AGGPLUS1301238B, UDC 72, ISSN 2303-6036, pp. 238-247.

<b>5.</b>	<b>G. Broćeta</b> , M. Malešev, V. Radonjanin: "Regulations in the field of recycled aggregate", AGG+ Journal for Architecture, Civil Engineering, Geodesy and other related scientific fields, Faculty of architecture and civil engineering, University of Banja Luka, 2013, UDC 624.012.45.04, DOI 10.7251/AGGPLUS1301238B, UDC 72, ISSN 2303-6036, pp. 278-291.
<b>Conference Papers (min 5 max 10 most relevant references)</b>	
<b>1.</b>	<b>G. Broćeta</b> , M. Malešev, V. Radonjanin, M. Slijepčević, D. Zrnić: "The influence of aggregate types on the concrete fire resistance", I International Symposium – "Knowledge FOr Resilient soCiEty", Book of proceedings, Novi Sad, RS, September 2017, ISBN 978-86-6211-109-8, COBISS.SR.ID 316903431, pp. 304-310.
<b>2.</b>	<b>G. Broćeta</b> , M. Malešev, V. Radonjanin, R. Zejak: "The influence of aggregate types on the concrete fire resistance", Tenth International Conference – "Assessment, Maintenance and Rehabilitation of Structures and Settlements", Conference proceedings, Association of Civil Engineers of Serbia, Vršac, RS, 2017, ISBN 978-86-88897-09-9, COBISS.SR.ID 236178956, pp. 369-378.
<b>3.</b>	D. Jevtić, A. Savić, <b>G. Broćeta</b> : "Application of fly ash and expanded clay in lightweight SCC concrete", VIII Međunarodni naučni skup "Savremeni materijali 2015", Zbornik radova, Banja Luka, 6. – 7. septembar 2015. godine, Akademija nauka i umjetnosti Republike Srpske, Banjaluka, 2016, UDC 620.1(082), ISBN 978-99938-21-80-9, COBISS.RS-ID 5718808, str. 201-211.
<b>4.</b>	M. Malešev, V. Radonjanin, V. Bulatović, I. Lukić, <b>G. Broćeta</b> : "LWCA Based on Waste Materials and Application in Thermally Improved Mesonry", 7 <sup>th</sup> International Conference on Engineering and Technology ICET-2015, Phuket, June 19-20, 2015, Prince of Songkla University, Faculty of Engineering Hat Yai, Songkhla, Thailand, pp. 1-4.
<b>5.</b>	D. Jevtić, <b>G. Broćeta</b> , A. Savić: "Modifikacija viskoziteta u betonskim kompozitimima", VII Međunarodni naučni skup "Savremeni materijali 2014", Zbornik radova, Banja Luka, 21. – 22. decembar 2014. godine, Akademija nauka i umjetnosti Republike Srpske, Banjaluka, 2015, UDC 620.1(082), ISBN 978-99938-21-65-6, COBISS.RS-ID 4921112, str. 469-486.
<b>6.</b>	M. Malešev, V. Radonjanin, <b>G. Broćeta</b> : "Projektovanje betona na bazi recikliranog agregata", Međunarodna konferencija – "Savremena dostignuća u građevinarstvu", Zbornik radova, Subotica, RS, 24. – 25. april 2014, UDC 666.972.12, DOI: 10.14415/konferencijaGFS2014.070, ISSN 0352-6852, eISSN 2334-9573, DOI: 10.14415/konferencijaGFS2014, COBISS.SR.ID 14404098a, str. 517-522.
<b>7.</b>	D. Jevtić, <b>G. Broćeta</b> , A. Savić: "Projektovanje mješavina samozbijajućih betona", VI Međunarodni naučni skup "Savremeni materijali 2013", Zbornik radova, Banja Luka, 4. – 6. jul 2013, Akademija nauka i umjetnosti Republike Srpske, Banjaluka, 2014. godine, UDC 620.1(082), ISBN 978-99938-21-57-1, COBISS.RS-ID 4328216, str. 497-514.
<b>8.</b>	D. Jevtić, A. Savić, <b>G. Broćeta</b> : "Fiber Reinforced Self-Compacting Concrete – Possibility of Modeling of Properties", VI Međunarodni naučni skup "Savremeni materijali 2013", Zbornik radova, Banja Luka, 4. – 6. jul 2013. godine, Akademija nauka i umjetnosti Republike Srpske, Banjaluka, 2014, UDC 620.1(082), ISBN 978-99938-21-57-1, COBISS.RS-ID 4328216, str. 473-482.
<b>9.</b>	B. Antunović, <b>G. Broćeta</b> : "Procjena energetske efikasnosti omotača objekata Univerziteta u Banjaluci", Osmo međunarodno savetovanje SGIS - "Ocena stanja, održavanje i sanacija građevinskih objekata i naselja", Borsko jezero, RS, 14. - 17. maj 2013, ISBN 978-86-88897-03-7, str. 459-466.
<b>10.</b>	M. Ačić, D. Jevtić, <b>G. Broćeta</b> : "Samozbijajući beton – uticaj vrste agregata na svojstva u svježem stanju", Deveti međunarodni naučno stručni skup - "Savremena teorija i praksa u graditeljstvu", Banjaluka, BiH, 11. - 12. april 2013, ISBN 978-99955-630-8-0, str. 97-110.

**Research interest:**

5. Durability of concrete structures
6. Energy Efficiency of Construction Structures

**Professional Activities, Recognition and Other Information**

- Consultant for concrete composites
- Head of Chair for Materials and Structures AGGF UNIBL
- Vice-dean for science and research AGGF UNIBL

# ALBANIA

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## UNIVERSITY OF TIRANA

### Faculty of Economics

Tirana

No.1

Name and surname:	Edlira Luçi
Academic or scientific title:	Associated Professor
Affiliation:	Faculty of Economics/Department of Finance

#### Teaching

No.	List of subjects	Study programme and the level of the stud
1	Investments	BSc
2	Modern Theory of Investment	Msc
3	Pension Funds	Msc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Foundation for risk assessment and Decision Making

#### Research and scholarly output

Books, monographs and chapter in books and monographs	
1	Investments (Textbook), (co-author), E.Luci; D.Kripa, 2007.
2	Investments (test bank, exercises and case studies), (co-author), E.Luci; D.Kripa, 2007.
3	"Portfolio management of financial companies", monograph, 2007.
Journal Articles	
1	"Assessment of the Capital Structure and Cost of Capital Using Financial Indicators, the Case of Large Businesses in Albania", European Journal of Multidisciplinary Studies, 2016, pg. 341-351, January-April 2016, vol. 1, nr. 1, ISSN 2414-8385 (online) 2414-8377 (print)
2	"Material Misstatements Due to Fraud. The Role of Tests of Controls in the Prevention and Detection of Fraud", Public Auditing, published by KLSH
3	"Information Technology Use Patterns: evidence from Albanian entrepreneurs", Global Journal of Business Research, vol. 5, no. 3, 2011, pg. 101-112, (co-author).
4	Improvement of Financial Treasury System Efficiencies' through Information Technology", Romanian Economic and Business Review, autumn 2010, vol. 5, no. 4, pg. 32-47, (co-author).
5	Does the Albanian Pension System Work?", Scientific Annals of the "Alexandru Ioan Cuza" University of Iasi, 2010, pg. 193-205, (co-author).
6	Sustainable Tourism – A dynamics methods for destination planning community approach: a case from south of Albania" ; the Romanian Economic and Business Review (REBE), summer 2010, vol. 5, no. 2, pg. 9-30, (co-author)
7	"Does the Albanian Pension System Work?", The Annals of the "Stefan Cel Mare", University of Suceava, vol. 10, June 2009, pg. 35-45, (co-author).
8	"Foreign direct investment and tourism industry development. Some features of Albania", journal of the College of Tourism and Hotel Management "Tourism Today", no. 8, 2008, pg. 129-144.
9	"Characteristics of Foreign Direct Investments in Albania", economic journal "Economy and Transition", no. 53, 2008, (co-author).
10	"Albanian financial system and the role of financial intermediation institutions" professional and scientific journal of the Albanian Accountants Association, no. 1, 2005, (co-author).

<b>Conference Papers</b>	
<b>1</b>	3rd International Conference on Accounting, Auditing and Financial Reporting. Tirana, Albania. 15 October 2016. "Material Misstatements Due to Fraud. The Role of Tests of Controls in the Prevention and Detection of Fraud"
<b>2</b>	ERAZ 2016 "Knowledge Based Sustainable Economic Development". Belgrade, Serbia, 16 June 2016. "Assessment of Insurance Companies Profitability. Case of Albania"
<b>3</b>	6th International Conference: "the Danube-Axis of European Identity". Galati, Romania, 29 June 2016. "Assessment of the Impact of Economic Factors in Attracting FDI. The case of Albania"
<b>4</b>	7th International Conference: "Information Systems and Technology Innovations: the New Paradigm for a Smarter Economy". Tirana, 17-18 May 2016. "What do Albanian Researchers Need?"
<b>5</b>	"Vendimmarja e analistikit në aprovin e kredisë", Second National Conference for Finance, Department of Finance, Faculty of Economics, University of Tirana "Sfidat e Ekonomisë Shqiptare". Tirana, Albania. 27 May 2016.
<b>6</b>	"Sistemi Financiar dhe Ekonomia Reale" Second National Conference for Finance, Department of Finance, Faculty of Economics, University of Tirana .
<b>7</b>	Kostanz, Germany. 2-3 June 2016. "Portfolio Diversification Potencial on Capital Returns of Albanian Banks, Before and After the 2008 Financial Crisis"
<b>8</b>	BASIQ 2016 International Conference "New Trends in Sustainable Business and Consumption"
<b>9</b>	VIII International Conference on Social Sciences. Sofia, Bulgaria, 4-5 March, 2016. "Assessment of the Capital Structure and Cost of Capital Using Financial Indicators, the Case of Large Businesses in Albania"
<b>10</b>	2015 AGAUC&EIRP Joint International Conference: "European Integration Realities and Perspectives" Galati, Romania, 17-18 May, 2015. "Why Foreign Direct Investment-Albanian Case"

**Research interest:**

1. Financial market mechanisms, securities, institutions, trade mechanisms, and their relation to economic development

**No.2**

<b>Name and surname:</b>	<b>Gentiana Sharku</b>
<b>Academic or scientific title:</b>	Associated Professor
<b>Affiliation:</b>	Faculty of Economics/Department of Finance

**Teaching**

No.	List of subjects	Study programme and the level of the stud
1	Risk & Insurance management	Msc
2	Principles of Finance	BSc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Risk Management and Insurance

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
1	Student text Book-“Fundamentals of Finance”- G. Sharku, 2007
1	Book- “Fundamentals of Finance”- G. Sharku, B. Gjoni, E. Bajrami-2012
<b>Journal Articles</b>	
1	“Changes in the financial and accounting environment in Albania and the impact on practitioners” (Perri, Leka, Bahiti) Journal: Annales Universitatis Apulensis series Oeconomica 13 (1), june 2011, Romania
2	“Life Cycle budgeting practices in Albanian family” (Leka, Bajrami) Journal: Revista shqiptare Social-Ekonomike, No.1 (65), march 2011, Albania
3	“Consideration on Albanian Life Insurance Market” (Sharku, Leka) Journal: The Romanian Economic Journal- Issue 39, March 2011, Romania
4	“Development of the accounting profession in Albania in the new era of market economy” (Perri, Leka) Journal: Studies in Business and Economics- No:5, Issue 3, December 2010, Sibiu, Romania
5	“Characteristics of Family Businesses in Albania- A statistical Study” (Leka, Shkurti) Journal: Tinerilor Economisti- Young Economist Journal- No:14, April 2010
<b>Conference Papers</b>	
1	“Financial Sector Development and economic growth in Albania” (Leka, Lleshaj) Conference: Multidisciplinary Academic Conference on Economics, Management and Marketing, Prague, August 2016
2	“The impact of macroeconomic factors on the bad loans in Albania banking system ” (Leka, Topi) Conference: The second national conference for finance-The challenges of the Albania economic development; Albania, May 2016
3	“The gravity model of foreign direct investment (FDI) in Albania” (Lleshaj, Leka) Conference organized by Czech Technical University in Prague and Academic Conferences Association; Prague 2015
4	“The trend of remittances and their impact in Albania” (Leka, Bajrami) International Conference “Economic & Social Challenges 2011- Globalization and Sustainable Development”, December 2011. Tirana Albania
5	“Globalization And Economic Fluctuation Impacts On Business Development” (Bajrami, Leka) Second International Conference “Challenges of Sustainable Tourism Development 2011”, November 2011. Shkodër-Albania

**Research interest:**

4. Financial Markets and institutions
5. Risk Management and Insurance

**No.3**

<b>Name and surname:</b>	<b>Elona Pojani</b>
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Faculty of Economics/Department of Finance

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
<b>1</b>	Investments	BSc
<b>2</b>	Research Methodologies	Msc
<b>3</b>	Financial Modelling	Msc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Research Methods
<b>2</b>	DRM

**Research and scholarly output**

<b>Journal Articles</b>	
<b>1</b>	Reexamining Transport Poverty, Job Access, and Gender Issues in Central and Eastern Europe: A Case Study of Tirana, Albania, Journal: Gender, Place and Culture (forthcoming)
<b>2</b>	"Climate Change impacts: Public Policies and Perception in Albania." Albanian Journal of Agricultural Sciences 12(4):699-704.
<b>3</b>	"Environmental Issues of Last Decades and Benefits of Environmental Valuation: The Case of Albania." Journal of Economics and Agribusiness 7:64-73.
<b>4</b>	"Effects of Economic Crisis on Migration-Evidence from Albania." European Scientific Journal 9(22):211-228.
<b>5</b>	"Environmental Taxation in Central and Eastern Europe: The Case of Albania", Scientific Annals of the 'Alexandru Ioan Cuza' University of Iasi 58:441-448.
<b>Conference Papers</b>	
<b>1</b>	Second National Finance Conference. Tirana, Albania. June 2016. "Methods of Environmental Valuation – Issues related to their application in Albania". (co-author)
<b>2</b>	First National Finance Conference. Tirana, Albania. December 2014. "Sustainable financing of environmental protection in Albania". (co-author)
<b>3</b>	International Research Society for Public Management Conference. Rome, Italy. April 2012. "From Brain Migration to Population Migration: The Case of Albania" (co-author).
<b>4</b>	4th International Risk Conference. Dubrovnik, Croatia. April 2012. "Migration and Economic Crisis: Evidence from Albania" (co-author).
<b>5</b>	International Conference on Economic and Social Challenges. Tirana, Albania. December 2011. "Climate Change Impacts: Public Policies and Perception: The Case of Albania" (co-author).
<b>6</b>	National Conference Adaptation to Climate Change: A Challenge for Development. Tirana, Albania. November 2011. "Economic Assessment of Adaptation Measures" (co-author).
<b>7</b>	3d International Scientific Conference on Economic Policy and EU Integration. Durrës, Albania. April 2011. "The Environmental Challenges of Albania's EU Integration" (co-author).

**Research interest:**

4. Environmental Valuation and Management

**No.4**

<b>Name and surname:</b>	<b>Alban Korbi</b>
<b>Academic or scientific title:</b>	PhD/DOC
<b>Affiliation:</b>	Faculty of Economics/Department of Finance

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
<b>1</b>	Financial Management	BSc
<b>2</b>	Advanced Financial Management	Msc
<b>3</b>	International Financial Management	Msc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Enterprise Risk Management

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Financial System – Book-February 2010- Second Edition March 2011
<b>2</b>	Scientific Editor – Book- “Financial management of Public organizations”- Author Halit Xhafa, Tirana 2010
<b>Journal Articles</b>	
<b>1</b>	“From prevalence to concentration – Bank competition in Albania”- national journal “Ekonomia dhe Biznesi” Faculty of Economics, University of Tirana 2007
<b>2</b>	“Can a South East European Country have a Strong Currency? Albania Case, “Contemporary Economics”, Poland, March 2009
<b>3</b>	“Problems of fiscal of leasing treatment in Albania” national journal “Ekonomia dhe Biznesi” Faculty of Economics, University of Tirana 2009
<b>4</b>	“Analysis of financial leasing market in Albania” national journal “Ekonomia dhe Tranzicioni”, Albanian Center for Economic Research” April 2010
<b>Conference Papers</b>	
<b>1</b>	International Conference “The Economic Integration into the European Union”, paper “The Financial Leasing Market in Albania and its perspective”- University of Europe Southeast Tetovo, FYROM 2008,
<b>2</b>	International Conference “Economic and Social Problems and Challenges in Crisis period and Integration”- paper “The Banking Crisis of 2008-2009 in Albania, and Possible Solutions”, Faculty of Economics, University of Tirana, Albania, December 2009
<b>3</b>	International Conference “Economic and Social Problems and Challenges in Crisis period and Integration”- paper “The Albanian Financial System and the European Integration”, Faculty of Economics, University of Tirana, Albania, December 2010
<b>4</b>	International Conference “Globalization and Sustainable Development”- paper “The Financial Crisis and its impact on the Albanian Economy and on the Banking System”, Faculty of Economics, University of Tirana, Albania, December 2010
<b>5</b>	International Conference “Systemic Economic Crisis: Current Issues and Perspectives”- paper “Is There A Bubble In The Albanian Housing Market”, ASECU, May 2013

**Research interest:**

1. Leasing
2. Financial Management
3. International Financial Management

**No.5**

<b>Name and surname:</b>	<b>Persetka Grabova</b>
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Faculty of Economics/Department of Finance

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
<b>1</b>	Personal Finance	BSc
<b>2</b>	Risk Management	Msc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Foundation for risk assessment and Decision Making

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Personal Finance- 2015- co-author
<b>Journal Articles</b>	
<b>1</b>	"The Impact of Informal Economy in the Pension System, Empirical Analysis. The Albanian Case", Name of Review "Journal of Knowledge Management, Economics and Information Technology Vol. V, Issue1, Scientific Papers, ( <a href="http://www.scientificpapers.org">www.scientificpapers.org</a> ), Title of the article, , February, 2015 Issue
<b>2</b>	"Climate change impacts: Public policies and perception in Albania", Name of Review "Albanian Journal of Agricultural Sciences", Title of the article, December, 2013 Issue
<b>3</b>	"Effects of Economic Crisis on Migration-Evidence from Albania", Name of Review "European Scientific Journal", Title of the article, August, 2013 Issue
<b>4</b>	"Psychological meaning of money", Name of Review "Albanian Socio-Economic Review", May, 2013 Issue
<b>5</b>	"Reforming Albanian Actual Pension Scheme", Name of Review "Albanian Socio-Economic Review" Title of the article, September, 2012 Issue
<b>Conference Papers</b>	
<b>1</b>	2nd National Conference in Finance, "The challenges of the Albanian Economic, Development," Title of the Paper " The methods of environmental evaluation- The importance and the challenges of their application in Albania", May, 2016, Tirana, Albania
<b>2</b>	4th International Conference on Business, Technology and Innovation 2015, Title of the Paper "Estimating quarter to quarter economic growth in Kosovo", November 2015, Durres Albania
<b>3</b>	Sixth annual International Conference on global business engineering and agriculture, Title of the Paper "Corruption impact on Economic Growth: An empirical analysis", Michigan, USA, 2014
<b>4</b>	International Scientific conference "Democracy in South-eastern Europe", Title of the Paper "Privatization system in Albania. Challenges and Problems", April 2014, Tetovo, Macedonia
<b>5</b>	Fifth International Scientific Conference "Economic and Social Development", Title of the Paper, "The size of the public sector- Case of Albania", April 2014, Serbia
<b>6</b>	IV th International Conference "Economy and Regional Society against Public Accountability risks", Title of the Paper "The impacts of economic crises in migration. Findings from Albania", April 2012, Dubrovnik, Croatia
<b>7</b>	International Conference "Contradictions in Public Management. Managing in Volatile Times", Title of the Paper "From brain migration to population migration as an extension of transition problems", April 2012, Rome, Italy

**Research interest:**

1. Risk perception
2. Risk Modelling
3. Personal Finance
4. Behavioral Finance

**No.6**

<b>Name and surname:</b>	<b>Dorina Koçi</b>
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Faculty of Economics/Department of Finance

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
<b>1</b>	Investment	BSc
<b>2</b>	Financial Services	BSc
<b>3</b>	Risk Management	Msc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Foundation for risk assessment and Decision Making

**Research and scholarly output**

<b>Journal Articles</b>	
<b>1</b>	Name of Journal "European Scientific Journal" Vol. 9, No 22, ( <a href="http://www.eujournal.org">www.eujournal.org</a> ), Title of the article, "Business regulations: Constrain or safeguard business activity (The importance of Regulatory Impact Assessment", August, 2013 Issue
<b>2</b>	Name of Journal "Albanian Socio-Economic Review" No 3 (76), ( <a href="http://www.aser.review-al.org">www.aser.review-al.org</a> ), Title of the article "SMEs in front of financial constraints and global crisis", September, 2013 Issue
<b>3</b>	Name of Journal "Albanian Socio-Economic Review" No 2 (75) ( <a href="http://www.aser.review-al.org">www.aser.review-al.org</a> ),Title of the article, "An overview of the constraints to investment", June, 2013 Issue
<b>Conference Papers</b>	
<b>1</b>	2nd National Conference in Finance, "The challenges of the Albanian Economic Development," Title of the Paper " Impact analysis of the constraints in the business environment", May, 2016, Tirana, Albania
<b>2</b>	2nd National Conference in Finance, "The challenges of the Albanian Economic Development," Title of the Paper " The impact on economic development of Apparel Industry. The case of Albania", May, 2016, Tirana, Albania
<b>3</b>	6th International Multidisciplinary Academic Conference 2016 (The 6th MAC 2016), Title of the Paper "Testing influential variables on the likelihood of financially constrained firms: Firm-level evidence from Albania", February 2016, Prague, Czech Republic
<b>4</b>	1st National Conference in Finance, "Crossroads of Albanian Economy," Title of the Paper " Fiscal policies and fiscal evasion (analysis of characteristics in Albania)", November, 2014, Tirana, Albania
<b>5</b>	International Scientific conference "Good governance in developing countries", Title of the Paper "Assessment of the business environment through business regulations (case of Albania) ", December 2013, Tirana, Albania
<b>6</b>	International Scientific Conference " Risk and its assessment in regional economy", Title of the Paper, " The impact of regulatory environment on business activity (Efforts to establish a RIA system", October 2013, Ohrid, Republic of Macedonia
<b>7</b>	International Conference " Economic & Social Challenges 2012 dedicated to Economy & Business doctoral students ", Title of the Paper " Financial constraint hypothesis controversy. A critical review of empirical assessment models ", October 2012, Tirana, Albania
<b>8</b>	International Conference "Economic & Social Challenges 2011 - Globalization and Sustainable Development", Title of the Paper "Problems of SMEs financing and the impact of financial crisis", December 2011, Tirana, Albania
<b>9</b>	10th jubilee International Conference Business and Employment on the topic "The impact of the economic growth and innovation on business development, reduce unemployment and poverty in Kosovo, in countries in transition and developing countries as well", Title of the

	Paper "The importance of SMEs in economic growth, unemployment and poverty reduction", October 2011, Prishtina, Republic of Kosovo
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**Research interest:**

1. Risk Modelling
2. Investment
3. Financial Management

**No.7**

<b>Name and surname:</b>	<b>Dorina Kripa</b>
<b>Academic or scientific title:</b>	Associated Professor
<b>Affiliation:</b>	Faculty of Economics/Department of Finance

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
<b>1</b>	Investments	BSc
<b>2</b>	Modern Theory of Investment	Msc
<b>3</b>	Real Estate Managemet	Msc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Valuation of Real Estate

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Investments (Textbook), (co-author), E.Luci; D.Kripa, 2007.
<b>2</b>	Investments (test bank, exercises and case studies), (co-author), E.Luci; D.Kripa, 2007.
<b>3</b>	Real Estate Management- Book -2015
<b>4</b>	Monographs: "Real Estate Loan and Real Estates", 2007.
<b>Journal Articles</b>	
<b>1</b>	"Factors affecting the profitability of insurance companies in Albania", European Journal of Multidisciplinary Studies, 2016, January-April 2016, vol 1, nr 1, ISSN 2414-8385 (online), ISBN 2414-8377 (print).
<b>2</b>	"Protection from inflation by investing in Real Estates, Albanian Case", co-author, Scientific Bulletin, Economic Sciences, University of Pitesti, Faculty of Economics, Volume 14/2, pg 45-53 Online ISSN: 2344-4908.
<b>3</b>	"Albanian banking sector and the challenges of adopting Basel II", co-author, Review of Applied Socio-Economic Research, Vol. 9, Issue 1, June 2015, ISSN: 2247-6172; ISSN-L: 2247-6172, pg. 4-14.
<b>4</b>	"The role of local government in sustainable development", Review: Acta Universitatis Danubius, vol 8, 2012, co-author 2, fq 139-155.
<b>5</b>	"Information technology use patterns: Evidence from Albanian entrepreneurs", botuar në revistën: "Global journal of Business Research", vol. 5, 2011, fq 101-112, (co-author).
<b>6</b>	"Does the Albanian pension system work?", Review: Analele Stiintifice ale Universitatii "Alexandru Ioan Cuza" din Iasi-Stiinte Economice, 57, 2010, fq 195-205, (co-author)
<b>7</b>	Entrepreneurship and human resources as important forces: affecting electronic readiness in building the information society in Albania", journal: Acta Universitatis Danubius, vol 4, 2010, co-author, fq 5-16.
<b>8</b>	Improvement of Financial treasury systems efficiencies' through information technology", "Romanian Economic Business Review", vol. 5, no. 4, 2010, bashkëautore.
<b>Conference Papers</b>	
<b>1</b>	"Offshoring Audit and its potential impact in the Albanian economy", 3rd International Conference on Accounting, Auditing and Financial Reporting, University of Tirana, Faculty off Economy, Tirana, October 15, 2016.
<b>2</b>	"Assessment of insurance company's profitability, Case of Albania.", International scientific conference: Knowledge based sustainable economic development, ERAZ 2016, Serbia, June 16 2016.

<b>3</b>	“Real Estate taxation system in Albania and challenges for a European fiscal system”, BASIQ 2016 International Conference: New trends in sustainable business and consumption, Konstanz, Germany 2-3 june 2016, ISSN 2457-483X
<b>4</b>	“Factors affecting the profitability of insurance companies in Albania”, 8th International Conference on Social Sciences organized by EUSER, USEARCH, ICCV-Romanian Academy and MCSER, 4-5 March 2016, Sofia. ISBN: 9788890916212.
<b>5</b>	“Manaxhim i pasurive të paluajtshme, kusht i rëndësishëm për të ndërtuar një sistem modern të taksimit të pasurive të paluajtshme”, 3rd ICIS International Conference on Interdisciplinary Studies organized by International Institute for private commercial and competition law, in collaboration with Tirana Business University, Institut za naucna istrazivanja (Montenegro), University College Pjeter Budi (Kosovo), Wisdom University, Tirana. 5 march, 2016, ISBN: 978-9928-214-04-1.
<b>6</b>	“Valuation of bad loans in the Albanian banking system”, 1st ETAEc International Conference on Emerging Trends and Approaches: Creative Thinking and Innovation in Knowledge based Economy, organized The Faculty of Economics, University of Pitesti, Romania in collaboration with The European Business School, Paris, France, The Eastern Macedonia and Thrace Institute, Kavala, Greece and The Lower Silesian University of Entrepreneurship and Technology, Polkowice, Poland. 17-18 October, 2015.
<b>7</b>	“Cross-sectional analysis of foreign direct investments (FDIs) in Albania”, BASIQ 2015 International Conference: “New trends in sustainable business and consumption”, jointly organized by Business and Tourism Faculty, Amfiteatru Economic Journal and the Association for Innovation and Quality in sustainable Business, 18-19 June 2015, Bucharest.
<b>8</b>	“The impact of Real Estate market in the Albanian economy”, Joint International Conferences: “European Integration – Realities and Perspectives”, EIRP 10th Edition & The Annual International Conference on Global Advancement of Universities and Colleges 5th Edition, organized by Danubius University of Galati, Romania; The Association for the global advancement of universities and colleges (AGAUC); University of Camerino, Italy and Czestochowa University of Technology, Poland; Galati, Romania, May 17-18, 2015, co-author.
<b>9</b>	“Factors that affect the performance of housing prices in Albania”, International COnference, “The economies of Balkan and Europe Countries in the changed world”, University of Nis, Faculty of Economics, Serbia, may 2014,co-author

**Research interest:**

1. Financial market mechanisms, securities, institutions,
2. Real Estate Management

**No.8**

<b>Name and surname:</b>	<b>Brikena Leka</b>
<b>Academic or scientific title:</b>	Associated Professor
<b>Affiliation:</b>	Faculty of Economics/Department of Finance

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
<b>1</b>	Personal Finance	BSc
<b>2</b>	Principles of Finance	BSc
<b>3</b>	Business Valuation	MSc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Financial Forecasting and Valuation

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Student text Book- "Fundamentals of Finance"- G. Sharku, 2007
<b>2</b>	Book- "Fundamentals of Finance"- G. Sharku, B. Gjoni, E. Bajrami-2012
<b>3</b>	Book- "Personal Finance"- B.Leka 2016
<b>Journal Articles</b>	
<b>1</b>	"Changes in the financial and accounting environment in Albania and the impact on practitioners" (Perri, Leka, Bahiti) Journal: Annales Universitatis Apulensis series Oeconomica 13 (1),june 2011, Romania
<b>2</b>	"Life Cycle budgeting practices in Albanian family" (Leka, Bajrami) Journal: Revista shqiptare Social-Ekonomike, No.1 (65), march 2011, Albania
<b>3</b>	"Consideration on Albanian Life Insurance Market" (Sharku, Leka) Journal: The Romanian Economic Journal- Issue 39, March 2011, Romania
<b>4</b>	"Development of the accounting profession in Albania in the new era of market economy" (Perri, Leka) Journal: Studies in Business and Economics- No:5, Issue 3, 2010, Sibiu, Romania
<b>5</b>	"Characteristics of Family Businesses in Albania- A statistical Study" (Leka, Shkurti) Journal: Tinerilor Economisti- Young Economist Journal- No:14, April 2010
<b>Conference Papers</b>	
<b>1</b>	"Financial Sector Development and economic growth in Albania" (Leka, Lleshaj) Conference: Multidisciplinary Academic Conference on Economics, Management and Marketing, Prague, August 2016
<b>2</b>	"The impact of macroeconomic factors on the bad loans in Albania banking system " (Leka, Topi) Conference: The second national conference for finance-The challenges of the Albania economic development; Albania, May 2016
<b>3</b>	"The gravity model of foreign direct investment (FDI) in Albania" (Lleshaj, Leka) Conference organized by Czech Technical University in Prague and Academic Conferences Association; Prague 2015
<b>4</b>	"The trend of remittances and their impact in Albania" (Leka, Bajrami) International Conference "Economic & Social Challenges 2011- Globalization and Sustainable Development", December 2011. Tirana Albania
<b>5</b>	"Globalization And Economic Fluctuation Impacts On Business Development" (Bajrami, Leka) Second International Conference "Challenges of Sustainable Tourism Development 2011", November 2011. Shkodër-Albania

**Research interest:**

1. Business Valuation
2. Finance
3. Personal Finance

**No.9**

<b>Name and surname:</b>	<b>Eteleva Bajrami</b>
<b>Academic or scientific title:</b>	Associated Professor
<b>Affiliation:</b>	Faculty of Economics/Department of Finance

**Teaching**

No.	List of subjects	Study programme and the level of the stud
1	Principles of Finance	BSc
2	Business Valuation	MSc
3	Fiscal Management	MSc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Financial Forecasting and Valuation

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
1	Student text Book- " Fundamentals of Finance"- G. Sharku, 2007
2	Book- "Fundamentals of Finance"- G. Sharku, B. Gjoni, E. Bajrami-2012
3	Book- "Sigurime"- G. Sharku 2013
<b>Journal Articles</b>	
1	"Tatimi mbi të ardhurat personale dhe efekti i ndryshimit të strukturës", Albanian Socio Economic Review, Nr 1(82). ISSN: 2222- 5846, pg.49-56. Tirana.
2	"Foreign Direct Investments and business climate in Albania". Review, "Tinerilor Economisti". The Young Economists Journal. No.16. ISSN 1583-9982.
3	"Considerations on Albanian Life Insurance Market". "The Romanian Economic Journal", Issue 39. ISSN: 1454-4296. Bucurest.
4	"Customs as Facilitation of Trade. Case of Albania". "Wspolczesna Ekonomia", Contemporary Economics. No1/2010. ISSN: 1897- 9254. Warszawie.
5	"Ndiimi i korruptionit të doganave ne zhvillimin ekonomik të rajonit", Review " Ekonomia dhe Tranzicioni" December 2009
<b>Conference Papers</b>	
1	"THE AVERAGE SALARY, PERSONAL INCOME TAX AND THEIR RELATION-CASE OF ALBANIA", page 143 -150. Academic Conferences Association, Organised by Czech Technical University in Prague. ISBN: 978-80-88085-05-8. 19-20 February 2016.
2	"Business Taxes and economic implications". Seventh International Conference "Information systems and technology innovations: the new paradigm for a smarter economy", CD. ISBN: 978-9995-6377-8-1 .Organised by Department fo statistics and applied informatics, Faculty of Economy, University of Tirana. June 17-18. 2016.
3	"Norma reale e tatimit që paguan një individ i punesar në Shqipëri- Second National Conference for finance, organized by the Departemtn of Finance, Faculty of Economics, University of Tirana. ISBN: 978-9928-200-82-2. Tirana 27.05.2016.
4	"Liberalizimi i sigurimit të detyrueshem motorrik- kërkesë e tregut apo plotësim kriteri", First International Conference on Business, Law, Administration and Social Sciences. IIPCL, ISBN: 978-9928-178-29-9. Tirana January 2015
5	"Credit trends and credit risk management in Albania", Conference " Information Systems and Technology Innovation- their application in Economy" Tirana, June 2012.

**Research interest:**

1. Business Valuation
2. Finance
3. Fiscal Administration

**No.10**

<b>Name and surname:</b>	<b>Matilda Shehu</b>
<b>Academic or scientific title:</b>	PhD/DOC
<b>Affiliation:</b>	Faculty of Economics/Department of Finance

**Teaching**

No.	List of subjects	Study programme and the level of the stud
<b>1</b>	Financial Management (basic)	BSc
<b>2</b>	Advanced Financial Management	Msc

No.	Potential subjects in new study programme developed within the K-FORCE project
<b>1</b>	Energy Markets

**Research and scholarly output**

<b>Journal Articles</b>	
<b>1</b>	“Applying Modern Portfolio Theory to Plant Electricity Planning in Albania”, 1. European Scientific Journal, Vol. No. 11, No 10, fq 247-253 Fyrom Macedonia.
<b>2</b>	Hipoteza e Porterit dhe Politikat Mjedisore: Rishikimi I Literatures mbi ekonomiksin e mjedisit dhe paradigmët ekonomike- Economicus UET Press, Vol 8, 2012, Tirana Albania pg 251-256
<b>3</b>	“Ndikimi I Teknologjisë se informacionit në cilësinë e shërbimit doganor Shqiptar”, Economicus UET Press, Vol 9, 2012, Tirana Albania, pg 197-206
<b>4</b>	“Aplikimi I Teorisë së Markowitz në hartimin e politikave optimale të furnizimit me energji elektrike”- Revista Shqiptare Social Ekonomike, Viti XX, Nr 2 (79),2014, fq 37-43 Tirana Albania
<b>Conference Papers</b>	
<b>1</b>	“Environmental Challenges in Balkan Countries with a Case Study of Albania: An Economic Prospective”- International Conference on Water Observation and Information System for Decision Support, 2010, BALWOIS, Orid, 25-29 May 2010
<b>2</b>	“Credit Trends and Credit Risk Management in Albania”- International Conference on Information Systems and Technology Innovation: their application in Economy, FEUT, Tirana, 8-9 June 2010
<b>3</b>	“The Porter Hypothesis Revisited: Implications to Environment Policy”, International Conference on Economic and Social Challenges and Problems 2011 – At the time of Global Crisis and Integration, Fakulteti i Ekonomisë, UT, Tirana, 9-10 December 2011
<b>4</b>	“Reconsidering Power Generation Planning in Albania”, Second International Conference on Business, Law, Administration and Social Sciences, Tirana Business University and International Institute for Private, Commercial and Competition Law Tirana, 4 April 2015
<b>5</b>	“Energy System Integration in the Balkans” – A new Approach to European Integration, South Eastern European University, Tetovo Macedonia, December 2010

**Research interest:**

1. Energy Markets
2. Financial Management
3. International Financial Management

**No.11**

<b>Name and surname:</b>	<b>Llesh Lleshaj</b>
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Faculty of Economics/Department of Finance

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
<b>1</b>	Financial Management	BSc
<b>2</b>	Financial Modelling	BSc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Probability in Risk Management

**Research and scholarly output**

<b>Journal Articles</b>	
<b>1</b>	“Real estate market: analysis buy or rent – case of business entity in Tirana, Albanian capital city”. International Journal of Information Research and Review Vol. 03, Issue, 12, pp. 3369-3373
<b>2</b>	The impact of foreign direct investments (FDIs) on economic growth: the Solow model in the case of Albania”. European Journal of Economics and Business Studies. Volume 4, Nr. 1. ISSN 2411-9571 (Print), ISSN 2411-4073 (online), London.
<b>3</b>	“The effectiveness of the interest rate during and after the banking crisis - The case of Albania”, KLSH: Auditimi Publik.. Nr. 11, 2015, pp. 261 - 273. ISSN 2308-6106
<b>4</b>	The financial leasing in Albania and its financing costs”. Botuar në European Scientific Journal, March 2015 edition vol.11, No.7 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431
<b>5</b>	An assessment of foreign direct investments effects in Albania”. Mediterranean Journal of Social Sciences, Vol.5 No.22. ISSN 2039-2117 (online), ISSN 2039-9340 (print)
<b>Conference Papers</b>	
<b>1</b>	Academic Conference Association, z.s. Prague, Czech Republic., “Financial development, savings and economic growth in Albania”, August 2016
<b>2</b>	BASIQ 2016. “Portfolio Diversification Potential on Capital Returns of Albanian Banks, before and after the 2008 Financial Crisis”. Konstanz, Germany.
<b>3</b>	European Center for Science Education and Research, Sofie, Bulgari. Assessment of the capital structure and cost of capital using financial indicators, the case of large businesses in Albania”
<b>4</b>	Academic Conference Association, z.s. Prague, Czech Republic, “The average salary, personal income tax and their relation-case of Albania”
<b>5</b>	MAC-EMM 2015 Prague Consulting, Prague, Czech Republic. “The gravity model of foreign direct investment (FDI) in Albania”.

**Research interest:**

1. Financial Management
2. Financial Modelling

**No.12**

<b>Name and surname:</b>	<b>Vjollca Karapici</b>
<b>Academic or scientific title:</b>	Professor
<b>Affiliation:</b>	University of Tirana/Department of Accounting

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
<b>1</b>	Financial Statement Analysis	Msc,PhD
<b>2</b>	Audit	Msc,PhD
<b>3</b>	Internal Audit and Auditing	Msc,PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Risk Based Audit

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Auditing. Textbook for master program, 2011
<b>2</b>	Financial Analysis. 2001
<b>3</b>	Auditing. 2006.
<b>4</b>	Audit Checks. 2003
<b>5</b>	Accounting for the students of Economic High School .
<b>6</b>	Excercises for Accounting
<b>7</b>	Accounting for Economic Units – First Part (1985).
<b>Journal Articles</b>	
<b>1</b>	The Effective Function of the Audit in the Organization. Journal of Business and Economics, ISSN 2155-7950, USA. December 2015, Volume 6, No. 12, pp. 2147-2154. DOI: 10.15341/jbe(2155-7950)/12.06.2015/016. © Academic Star Publishing Company, 2015. <a href="http://www.academicstar.us">http://www.academicstar.us</a>
<b>2</b>	The contribution of corporate social responsibility to the development of local communities. Journal of Regional Socio-Economic Issues (JRSEI). Volume 1, Issue 2. 2014. <b>Impact Factor</b> .
<b>3</b>	Financial situation study of a company by means of Du Pont analysis and the relation ROE - Capital structure. Journal of Regional & Socio-Economic Issues (JRSEI). Publisher Site: <a href="http://www.jrsei.yolasite.com">http://www.jrsei.yolasite.com</a> ; (Print) ISSN 2049 -1395 (Online) ISSN 2049 -1409, Volume 4, Issue 2, June 2014, fq. 17-30. <i>Journal Indexed by Copernicus Index, DOAJ (Director of Open Access Journal), EBSCO, Cabell's Index. Athens, Greece. Procceding ISSN 1791- 5422, fq.124-132.</i>
<b>4</b>	Social accounting in Albania. The Romanian Economic Journal (REJ). Year XVII no. 51, March 2014, Rumania.
<b>5</b>	Audit quality and earnings management. Academicus-International Scientific Journal, ISSN No. 2079-3715, <b>Universal Impact factor 1.0257</b> . Qershorr 2013.
<b>Conference Papers</b>	
<b>1</b>	“Fraud and Corruption Audit”. 6th International Conference
<b>2</b>	“Regulatory reform to reduce administrative barriers to business in Albania”. ASECU. International Scientific Conference
<b>3</b>	“The implications that the presence of a large informal sector has on business and enterprises development in the case of Albania”. ASECU. International Scientific Conference
<b>4</b>	“Social Audit against other audits forms”. International Scientific Conference

<b>5</b>	"Audit quality and earnings management. Literature review". International Scientific Conference
<b>6</b>	"Global Financial Crisis: Could the internal auditor helped in preventing it?" International Scientific Conference

**Research interest:**

1. Analysis of Financial Statements
2. Auditing and Security Services
3. Audit and SNA
4. Internal Audit and Control
5. IT Governance and Auditing.

**No.13**

<b>Name and surname:</b>	<b>Arjan Qefalia</b>
<b>Academic or scientific title:</b>	Associated Professor
<b>Affiliation:</b>	University of Tirana/Department of Management

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
<b>1</b>	Quality Management	BSc,Msc
<b>2</b>	Operation Management	BSc,Msc
<b>3</b>	Logistics and Supply Chain Management	Msc
<b>4</b>	Business Management	BSc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	<b>Fundamentals of Logistics and Operations Management</b>

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Coauthor: 'Operations Management - Problems and Case Studies. 2012
<b>2</b>	Total Quality Management - Conceptions, Methods, Strategies. 2010
<b>3</b>	The Tirana University Strategy in the Implementation of the Bologna Declaration. 2008
<b>4</b>	Coauthor "Comparative experience of privatization in the Central and Eastern Europe". 2005
<b>Journal Articles</b>	
<b>1</b>	Quality improvement methods and their usage in Albanian public universities', 'Review of Economic and Business Studies (REBS)', Nr.9, Volume 5, Issue 1, 2012, Doctoral School of Economics / Alexandru Ioan Cuza University, Iasi, Rumani; (2012)
<b>2</b>	The Correlation Accreditation -Bologna Process -Continuous Quality Improvement based in professors perceptions in Albanian public universities', journal 'Annales Universitatis Apulensis Series Oeconomica', Nr. 14(1), '1 Decembrie 1918' University of Alba Iulia,Faculty of Sciences, Bucharest, Rumania; (2012)
<b>3</b>	'Aspects of improving the quality of Albanian public higher education ', Albanian Socio-Economic Journal, Year XVIII, nr. 1 (70), 2012,
<b>4</b>	'Industrial Parks in Albania - Reality of the Present or Vision of the Future', Albanian Social Economic Journal, Year XVII, no. 5 (69), 2011
<b>5</b>	The use of continuous improvement in Albanian public higher education', 'The Romanian Economic Journal', Year XIV, nr. 41, Bucharest, Rumania; (2011)
<b>6</b>	Opportunities and implications in public higher education -The case of Albania', 'Valahian Journal of Economic Studies', 1(15), 1/2010, Targoviste, Rumania; (2010)
<b>Conference Papers</b>	
<b>1</b>	International Conference: 'Current analysis and expectations of foreign investmentsin the region of Southeast Europe'. Topic: 'The dependence or not of patients' income and the choice of Albanian public vs. private hospitals based in their perceptions; Prishtinë, Kosovo; (2015)
<b>2</b>	International Conference: 'Economic recovery in the post-crisis period' (ICERPCP). Topic: 'Aspects of job satisfaction for nurses of Albanian public and private hospitals'; SS. Cyril and Methodius University, Maqedonia, (2015)

3	International Conference ABSRC 2014 Milan: 'Advances in Business-Related Scientific Research Conference 2014'. Topic: 'Satisfiers and dissatisfiers for cardiologists working at Albanian public and private medical sector'; Milano, Italy; (2014)
4	International Conference: 'Role, competencies and responsibilities of public institutions on generating new scope towards European Integration'. Topic: 'Quality evaluation of the public hospital service in Albania'; Prishtinë, Kosovo (2014)
5	International Conference: 'Good governance in developing countries'. Topic: 'Barriers faced by Albanian public and private Higher Education Institutions in their quality improvement efforts'; Tiranë, Albania; (2013)

**Research interest:**

1. Quality Management in Manufacturing and Service Companies in Albania
2. Continuous Quality Improvement in Higher Education in Albania
3. Management of operations in manufacturing and service organizations
4. Proper logistics management and supply chains for the success of organizations
5. New forms of business management

**No.14**

<b>Name and surname:</b>	<b>Ilir Alimehmeti</b>
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Faculty of Medicine, University of Medicine, Department of Family and Occupational Health

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
<b>1</b>	Research Methods	
<b>2</b>	Occupational and Health Safety	

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Occupational and Health Safety

**Research and scholarly output**

<b>Journal Articles</b>	
<b>1</b>	“Acute Myocarditis: A Rare Complication after Black Widow Spider Bite” Toxicology and Forensic Medicine – Open Journal, 03/2017; 2(1): 12-16. doi: 10.17140/TFMOJ-2-111
<b>2</b>	Anaphylactic Reactions due to Snakebite Vipera and Administration of Antivenom” Toxicology and Forensic Medicine – Open Journal, 12/2016; 1(2): 65-66 doi: 10.17140/TFMOJ-1-110
<b>3</b>	“Bone Metastasis Reirradiation Predictors of Quality of Life” International Journal of Science and Research 12/2016;5(12):1995-1998 doi: 10.21275/ART20163889
<b>4</b>	“Severe Osteoporosis in a Young Woman with Celiac Disease due to Vitamin D Deficiency” Journal of Medical Cases 10/2016; 7(10):467-471 doi: http://dx.doi.org/10.14740/jmc2601w
<b>5</b>	“Red Blood Cell Distribution Width and Diabetic Vascular Complication” International Global Journal for Research Analysis 04/2016; 5(4):37-38.
<b>Conference Papers</b>	
<b>1</b>	11.06.2017 – 15.06.2017 22nd European Congress of Clinical Chemistry and Laboratory Medicine, Athens, Greece “Red Blood Cell Distribution Width and 5-Year Cerebrovascular and Cardiovascular Mortality After Ischemic Stroke in 16-55 Years Old Patients”
<b>2</b>	29.03.2017 – 02.04.2017 13th International Conference on Alzheimer's and Parkinson's Diseases, Vienna, Austria “Education and the Brain: “Feed It or Cede It” Hypothesis” 23.03.2017 – 26.03.2017
<b>3</b>	11th World Congress on Controversies in Neurology, Athens, Greece “Association of Red Blood Cell Distribution Width with Stroke and 5-Year Cerebrovascular and Cardiovascular Mortality in Young Patients with Diabetes”
<b>4</b>	06.02.2017 – 10.02.2017 3rd Conference of Industrially Contaminated Sites and Health Network Cost Action IS1408, Thessaloniki, Greece “Industrially Contaminated Hot Spots in Albania”
<b>5</b>	27.01.2017 – 30.01.2017 European Cancer Congress 2017, Amsterdam, The Netherlands “Single Dose Versus Multifractionated Reirradiation for Painful Bone Metastasis”

**Research interest:**

1. Occupational and Health Management
2. Clinical Epidemiology

**No.15**

<b>Name and surname:</b>	<b>Kozeta Sevrani</b>
<b>Academic or scientific title:</b>	Professor
<b>Affiliation:</b>	University of Tirana/Department of Information Technology And Statistics

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the stud</b>
<b>1</b>	Informatics	<b>BSc</b>
<b>2</b>	Management Information Systems	<b>Msc</b>
<b>3</b>	Theory of Databases	<b>BSc,Msc</b>
<b>4</b>	Research Method	<b>Msc,PhD</b>

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	<b>Management Information Systems</b>

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	B. Ruseti, K. Sevrani, Management Information Systems, 1st edition, 295 pages, MORAVA, Tirana, 2006
<b>2</b>	K. Sevrani, B. Ruseti, Management Information Systems, 330 pages, Dajti 2000, Tirana, 2007, 2008, 2009, 2010
<b>3</b>	K. Sevrani, K Gorica, E Kordha, Information Systems in Tourism, 1st edition, 332 pages, Dajti 2000, Tirana, 2009
<b>4</b>	B. Ruseti, K. Sevrani, Informatics (for Economic students), 2010
<b>5</b>	B. Ruseti, K. Sevrani, Exercises on Informatics, 2010
<b>6</b>	"Information Society Development through ICT Market Strategies: Albania versus Other Developing Countries", Springer, Edition: 2015, ISBN-13: 978-3319171951, ISBN-10: 331917195X, eBook ISBN 978-3-319-17196-8, DOI 10.1007/978-3-319-17196-8,
<b>Journal Articles</b>	
<b>1</b>	"Anti-Counterfeiting Technologies in Albanian Food Industry", Journal, Review of Business & Finance Studies", published by The Institute for Business and Finance (IBFR) Research, L.L.C, ISSN 2150-3338 (print), ISSN 2156-8081 (online)
<b>2</b>	"Wine Traceability: A Data Model and Prototype in Albanian Context", Journal, Foods 2016, 5(1), 9; DOI:10.3390/foods5010009, published by MDPI AG, Basel, Switzerland, ISSN 2304-8158, EISSN 2304-8158
<b>3</b>	"Effective IT Governance in the Albanian Public Sector – A Critical Success Factors Approach", Electronic Journal of Information Systems in Developing Countries, Hong Kong, May 2014, Volume 63, paper No. 6. ISSN: 1681-4835. www.ejisdc.org.
<b>4</b>	"A Single Window E-Platform for the Albanian Port Community System", Academic Journal of Social Sciences, ISSN 2281-3993, E-ISSN 2281-461, Rome, Italy, July 2013
<b>5</b>	"A survey on Open Source ERP and the reason for their use by SMEs", International Journal "Science, Innovation and New Technology", No.1, 2012, Printed ISSN 2223-2257, Online ISSN 22-25-0751 (www.ijsint.org)

<b>Conference Papers</b>	
<b>1</b>	<b>"The Emergence of Open Source Information Retrieval Software Libraries as an Alternative to DWH Using Schema-Less Database in a Non-Traditional BI Initiative"</b> , 6 <sup>th</sup> International Conference "Information Systems and Technology Innovations: inducting modern business solutions", ISTI 2015, organized by the Department of Statistics and Applied Informatics, Faculty of Economy, UT, July 5-6, 2015, Tirana, ISBN: 978-9928-05-199-8
<b>2</b>	<b>"Abusiveness of Bank Cards and the Assurance of Their Use"</b> , 6 <sup>th</sup> International Conference "Information Systems and Technology Innovations: inducting modern business solutions", ISTI 2015, organized by the Department of Statistics and Applied Informatics, Faculty of Economy, UT, July 5-6, 2015, Tirana, ISBN: 978-9928-05-199-8
<b>3</b>	<b>"An Empirical Study about the Decomposition of Poverty Changes in Albania"</b> , 6 <sup>th</sup> International Conference "Information Systems and Technology Innovations: inducting modern business solutions", ISTI 2015, organized by the Department of Statistics and Applied Informatics, Faculty of Economy, UT, July 5-6, 2015, Tirana, ISBN: 978-9928-05-199-8
<b>4</b>	<b>"Integration of the GIS/GPS technologies in the pre-university education"</b> , The Faculty of teacher education university of Zagreb Conference- "Researching Paradigms of Childhood and Education" (UFZG2015), Opatija, 3-4 April 2015, Croatia
<b>5</b>	<b>"Towards the Importance for Sustainable Development: Case Study: Albania"</b> , 9th International Conference on European Integration - Realities and Perspectives Danubius University May 16– 17, 2015, Romania, Volume: Vol. 10 (2015)

**Research interest:**

1. Informatics
2. Management Information Systems

**Professional Activities, Recognition and Other Information**

- Member of Central Commission of CENSUS 2011
- Member of Scientific Council, Faculty of Economy, University of Tirana
- Member of Board of Academic Network Albania (ANA)
- Member of Board of NBG-Albania Bank
- Observer membership of EUROSIM (Federation of European Simulation Societies) (<http://www.asc.tuwien.ac.at/eurosim/index.php?id=250>)
- Organizer of National and International Conferences (<http://www.conference.ijsint.org/>):
- Editor, Editorial and Academic Board of international journal:
- Editor of International Journal of "Science, Innovation and New Technology", Printed ISSN 2223-2257, Online ISSN 22-25-0751 ([www.ijsint.org](http://www.ijsint.org))
- International Member Chairs in some Conferences

**No.16**

<b>Name and surname:</b>	<b>Orfea Dhuci</b>
<b>Academic or scientific title:</b>	Associated Professor
<b>Affiliation:</b>	Economic Consultant, Alpha Bank, Albania

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Financial Risk Management	BSc
<b>2</b>	Advanced Management of Banking	Msc
<b>3</b>	Financial decision making	BSc,Msc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	<b>Risk Management in Banking</b>

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Interest Rate Risk Management, 1996, Published Monograph
<b>2</b>	Banking Dictionary - Albanian, English, French, Italian, Russian –(coauthored)
<b>3</b>	The fundamentals of risk and risk management (2011)
<b>4</b>	The objective under ignorance and risk (2013)
<b>5</b>	International Finance" 2005, (coauthored)
<b>6</b>	Bank Management, 2004 (post graduated students')
<b>7</b>	Money and Financial Institutions" (coauthored), 2002
<b>8</b>	Bank Management 1" (coauthored), 2003
<b>Journal Articles</b>	
<b>1</b>	Banking Reforms- Are they completed? 2008, "Development and Integration of the Region – a Challenge for Balkans, published by the International University of Kosovo
<b>2</b>	Credit Agrarie, institutions bancaires et financement de l'agriculture, Options mediterraneennes. Serie B: numero 15 (page 219-226), 1997, published in French and Italian
<b>3</b>	Banking Market and its segmentation, Ekonomia dhe Tranzicioni, No 2; April, June 1999 (coauthored)
<b>Conference Papers</b>	
<b>1</b>	Banking Reforms- Are they completed? 2008, a paper presented in the Kosovo International Conference on "Development and Integration of the Region – a Challenge for Balkans, organized by the International University of Kosovo.
<b>2</b>	International Accounting Standards and the Albanian Economy, 2006, a paper presented in the national conference on "the international accounting standards – a qualitative step", organized by the National Accounting Committee
<b>3</b>	The Banks' Transparency and the Disclosing of the Banks' Accounting & Non Accounting Information, 2005, a paper presented in the first congress of SHKFSH on "Accounting Reform - Part of the European Integration Reform", organized by the Association of Accountants and Financiers of Albania

<b>4</b>	The Rural Credit and the Role of Banks in Financing of Agriculture, Feb 1996, a paper presented in Conference on “Issues of Economic Reforms in Albania, organized by Agriculture University and the Ministry of Agriculture
<b>5</b>	The Free Banking and the Banking Supervised by the Central Banks, 1995, a paper presented in the conference on “The Albanian Economy toward the Free Market”, organized by the European Commission (PHARE ACE 1995 Programme)

**Research interest:**

- Finance, Banking and Accounting

**No.17**

<b>Name and surname:</b>	<b>Aranit Muja</b>
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Actuary, Albanian Financial Supervisory Authority,

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
1	Probability in Risk Management

**Research interest:**

- Actuarial science

**No.18**

<b>Name and surname:</b>	<b>Eglantina Bruci</b>
<b>Academic or scientific title:</b>	Prof.Dr.
<b>Affiliation:</b>	UNDP Climate Change Programme

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Disaster Risk Management
<b>2</b>	Climate Change Adaptation in Practice

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
1	Assessment of hydro-ecological and socio-economic systems of the Vjosa River, Tirana June 2017
2	Third National Communication of the Republic of Albania on Climate Change. Tirana, 2016
3	Identification and Implementation of Adaptation Response Measures in the Drini – Mati River Deltas. Project Synthesis report. UNDP CCP, Tirana 2013
4	The Second National Communication of Albania to the United Framework Convention to Climate Change (UNFCCC). Tirana, October 2009
5	Albania's technology needs assessment. Tirana, 2005
6	The First National Communication of Albania to the United Framework Convention to Climate Change (UNFCCC). Tirana, July 2002.
7	Implication of the climate change for the Albanian coast. MAP Technical Report Series No.98. UNEP/ MAP Athens, 1996. 185 pages.
<b>Journal Articles</b>	
1	Bruci E., 2010. Projection of climate change for Southeastern Europe in Global Environmental Change: Challenges to Science and Society in Southeastern Europe, Vesselin Alexandrov · Martin Felix Gajdusek · C. Gregory Knight · Antoaneta Yotova - Editors, Springer Science+Business Media B.V., 2010, ISBN 978-90-481-8694-5
2	Mucaj L., Bruci E. 2010. Social impact of heavy rain in Albania in Global Environmental Change: Challenges to Science and Society in Southeastern Europe, Vesselin Alexandrov · Martin Felix Gajdusek · C. Gregory Knight · Antoaneta Yotova - Editors, Springer Science+Business Media B.V., 2010, ISBN 978-90-481-8694-5
3	Baraj B., Fida E., Bruci E., et al. Security of the energy sector in Albania in the face of climate change in Energy and Environmental Challenges to Security, Springer. NATO Sciences for Peace and Security Series. 2009, ISBN 978-1-4020-9451-4
4	Mucaj L., Bruci E. Rainfall and social impact in the northern coastal part of Albania. M E DCOAST 2007 Alexandria EGYPT. ISBN : 978-9944-0871-0-1 (Volume 2) page 787.
5	Demiraj Bruci E. The Albanian Climate Database FP7, SEEERA-net Summer School Sitke, Hungary September 2007
<b>Conference Papers</b>	
1	Climate change and adaptation options for Albania's coastal areas, Western Balkans Climate Resilience Workshop, World Bank, May 11-12, 2016, Vienna
2	Assessment of vulnerability and climate change adaptation. Workshop , 'Third National Communication of Albania to UNFCCC', Tirana November 2016
3	Adaptation responses in coastal ecosystems in the Drini and Mati River deltas, Second Workshop on Water and Adaptation to Climate Change in transboundary basins: challenges, progress and lessons learnt, UNECE, Geneva, 12-13 April 2011

4	River flow projection in a changing climate- Workshop 'The Global Dimensions of Change in River Basins Threats, Linkages and Adaptation' organized by Global Water System Project (GWSP) 6-8 December 2010; University Club, Bonn, Germany.
5	Climate Change and Coastal Adaptation Challenges in Albania, 2010 International Climate Change Adaptation Conference: Climate Adaptation Futures, Preparing for the unavoidable impacts of climate change, 29 June - 1 July 2010 (NCCARF 2010), Australia

**Research interest:**

- Climate change adaptation, climatology, climate change mitigation.

**Professional Activities, Recognition and Other Information**

- Long practical experience in project management and monitoring;
- Experience in project design;
- Research on climate modelling, climate change risk assessment and adaptation;
- Broad range of consultancies in climate change and adaptation and disaster risk reduction;
- Experience in preparation policy documents, action plans.
- Experience in delivering training workshop

**No.19**

<b>Name and surname:</b>	<b>Eduart Cani</b>
<b>Academic or scientific title:</b>	Master
<b>Affiliation:</b>	Regional Environmental Center

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Disaster Risk Management
<b>2</b>	Climate Change Adaptation in Practice

**EPOKA UNIVERSITY**  
**Faculty of Architecture and Engineering**  
**Tirana**

No.1

Name and surname:	Enea Mustafaraj
Academic or scientific title:	PhD
Affiliation:	Epoka University, Department of Civil Engineering

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	Engineering Mechanics II	BSc
2	Structural Mechanics	BSc
3	Reinforced Concrete Fundamentals	BSc
4	Structural Analysis	BSc
5	Structural Design	BSc
6	Fundamentals of Steel Design	MSc
7	Repair and Strengthening Of Structures	PhD

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Reinforced Concrete Structures

**Research and scholarly output**

Books, monographs and chapter in books and monographs	
1	Mustafaraj E, Gjonaj, I., and Ponari, K. (2015): "SIGURIA NE PUNE" Manual per punen ne kantier (Albanian). 02/2015; Dita 2000, ISBN: 978-9928-187-17-8.
2	Mustafaraj, E. (2014). "Assessment of Historical Structures, A case study of five Ottoman Mosques in Albania", LAP Lambert Academic Publishing, ISBN: 978-3-659-21414-1, 2014.
3	Yardim, Y. and Mustafaraj, E. (2015). Chapter 17 "Selected Assessment and Retrofitting Application Techniques for Historical Unreinforced Masonry Buildings" In book: Seismic Assessment and Rehabilitation of Historic Structures, Publisher: IGI Global, Editors: Panagiotis G. Asteris, Vagelis Plevris.
4	Keci, J. and Mustafaraj, E. (2015). Chapter 13 "Practices, Barriers and Challenges of Risk Management Implementation in Albanian Construction Industry" In book: Urban Planning and Civil Engineering, Edited by Virginia P. Sisiopiku Ossama E. Ramadan, Athens Institute for Education & Research (ATINER).

**Journal Articles**

1	Yardim, Y., and Mustafaraj, E., (2013). "Effects of soil settlement and deformed geometry on a historical structure" - , Natural Hazards and Earth System Sciences, 15, 1051-1059, 2015. doi:10.5194/nhess-15-1051-2015.
2	Mustafaraj, E. and Yardim, Y. (2016) Determination of structural behavior of an unreinforced masonry Clock Tower using FEM analysis. American Journal of Engineering Research (AJER), 5(1), 100-104, ISSN (e): 2320-0847.
3	Mustafaraj, E. and Saliko, D. (2016) Structural optimization of a reinforced concrete building. American Journal of Engineering Research (AJER), 5(1), 73-79 ISSN (e): 2320-0847.
4	Mustafaraj, E., and Y.Yardim, Y. (2013)."Strengthening and Restoration of Historical Structures— Mirahor Ilyas Beg Mosque in Korça" - Enea Mustafaraj, Yavuz Yardim. Journal of Literature and Art Studies, ISSN 2159-5836, Vol. 3, No. 12, 809-818.

<b>5</b>	Yardim, Y., and Mustafaraj, E., (2012). "Structural Assessment and Restoration of the Leaden Mosque in Berat, Albania", KSU. Journal of Engineering Sciences, 15(2).
<b>Conference Papers</b>	
<b>1</b>	Mustafaraj, E., and Yardim, Y. (2016). "External shear strengthening of unreinforced masonry panels using ferrocement jacketing" - XVI International Scientific Conference VSU'2016, 9-10 June, 2016, Sofia, Bulgaria.
<b>2</b>	Mustafaraj, E., and Yardim, Y. (2016). "Usage of ferrocement jacketing for strengthening of damaged unreinforced masonry (URM) walls" 3rd International Balkans Conference on Challenges of Civil Engineering, 3-BCCCE 2016, 19-21 May, 2016, Tirana, Albania.
<b>3</b>	Mustafaraj, E., and Yardim, Y. (2014). "Structural Assessment of Preza Clock Tower, Albania" - ICESA 2014-International Civil Engineering & Architecture Symposium for Academicians 2014, 17-20 May 2014, Side, Turkey.
<b>4</b>	Mustafaraj, E. (2013). "Structural assessment of historical buildings: a case study of five Ottoman Mosques in Albania". 2-BCCCE 2013, 23-25 May, Epoka University, Albania.
<b>5</b>	Mustafaraj, E., and Yardim, Y. (2013). "Repair and Strengthening of Historical Structures: Naziresha's Mosque in Elbasan". 3rd Annual International Conference on Civil Engineering, 10-13 June 2013, Athens, Greece.
<b>6</b>	Keci, J., and Mustafaraj, E., (2013). "Practices, Barriers and Challenges of Risk Management Implementation in Albanian Construction Industry". 3rd Annual International Conference on Civil Engineering, 10-13 June 2013, Athens, Greece.
<b>7</b>	Yardim, Y., and Mustafaraj, E., (2013). "Geometric imperfection effect on historical building under earthquake load". Vienna Congress on Recent Advances in Earthquake Engineering and Structural Dynamics 2013 (VEESD 2013), C. Adam, R. Heuer, W. Lenhardt & C. Schranz (eds), 28-30 August 2013, Vienna, Austria.
<b>8</b>	Mustafaraj, E., and Yardim, Y. (2012) "Strengthening and restoration of historical structures - Mirahor Ilyas Beg Mosque in Korça", 1st International Conference on Architecture and Urban Design, 19-21 April 2012, Epoka University, Tirana

#### **Research interest:**

1. Structural Analysis of Historical Constructions
2. Improvement of structural performance of masonry using external strengthening techniques

#### **Professional Activities, Recognition and Other Information**

- Member of the Local Organizing Committee of the 2nd and 3rd International Balkan Conference on Challenges of Civil Engineering, 2-BCCCE 2013 and 3-BCCCE 2016, Epoka University,
- Member of the Local Organizing Committee of International Students' Conference of Civil Engineering ISCCE 2012, Epoka University.
- Founder and President of IACES (International Association of Civil Engineering Students) Local Committee Tirana.
- Attended "Training School on NDT Techniques applied to civil engineering" Barcelona, Spain.
- Attended "Cultural Heritage and Activism", Jajce, Bosnia & Herzegovina.
- Attended CIVILCON'14 (Civil Engineering Convention'14) organized by Istanbul Technical University.

#### **Projects:**

- "External Shear Strengthening of Damaged Masonry Walls by Fibre Reinforced Lastering"
- "Structural assessment of Durres Port quay 5th and 6th under crane load of Gottwalt"
- "Emergency Plan: Preservation of Current Structural Conditions of Gurgaj House and Haderaj House in Gjirokaster, Albania"
- "Conditional assessment of five Ottoman Mosques in Albania"

**No.2**

<b>Name and surname:</b>	<b>Erion Luga</b>
<b>Academic or scientific title:</b>	Assist. Prof. Dr
<b>Affiliation:</b>	Epoka University, Department of Civil Engineering

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	General Chemistry	BSc
<b>2</b>	Materials Science	BSc
<b>3</b>	Introduction to Construction Materials	BSc
<b>4</b>	Properties of Fresh and Hardened Concrete	MSc
<b>5</b>	Special Concretes	MSc
<b>6</b>	Supplementary Cementing Materials	MSc
<b>7</b>	Advanced Construction Materials	PhD
<b>8</b>	Advanced Concrete Technology	PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Structural Fire Safety
<b>2</b>	Durability of Concrete
<b>3</b>	Advanced Construction Materials

**Research and scholarly output**

<b>Journal Articles</b>	
<b>1</b>	Very high strength (120MPa) class F fly ash geopolymer mortar activated at different NaOH amount, heat curing temperature and heat curing duration, CD Atış, EB Görür, O Karahan, C Bilim, S İlkkentapar, E Luga, Construction and Building Materials 96, 673-678
<b>2</b>	Strength Properties of Slag/Fly Ash Blends Activated with Sodium Metasilicate and Sodium Hydroxide+ Silica Fume, E Luga, CD Atış, Periodica Polytechnica Civil Engineering 60 (2), 223-228
<b>3</b>	Strength properties of slag/fly ash blends activated with sodium metasilicate, E Luga, CD Atis, O Karahan, S İlkkentapar, EB Gorur, GRADEVINAR 69 (3), 199-205
<b>Conference Papers</b>	
<b>1</b>	Recycling Of Ferrochromium Industrial Wastes in Albania as Coarse Aggregate, in Road Base Construction and in Concrete, E Luga, Y Yardim, H Binici, International Balkans Conference on Challenges of Civil Engineering, BCCCE, 19-21 May 2011, Tirana, Albania
<b>2</b>	The effect of industrial oil on the properties of fresh and hardened concrete mortars. CD Atış, E Luga, Z Almaz, S İlkkentapar, 2nd International Balkans Conference on Challenges of Civil Engineering , BCCCE, 23-25 May 2013, Tirana, Albania; 04/2013
<b>3</b>	Relation between Physical and Mechanical Properties of Concrete Paving Blocks, F Dervishi, E Luga, The 2nd International Congress on Roads in Albania 24th-25th of September 2015, Tirana-Albania, Tirana, ALBANIA.; 09/2015
<b>4</b>	Optimization of Particle Size Distribution of Concrete Aggregates, I Mehmetaj, E Luga, 3rd International Balkans Conference on Challenges of Civil Engineering, 3-BCCCE, 19-21 May 2016, Epoka University, Tirana, ALBANIA.; 05/2016
<b>5</b>	An Investigation on The Properties of Cultured Marble, E Luga, E Saliasi BCY'2016 XVI INTERNATIONAL SCIENTIFIC CONFERENCE VSU'2016, Sofia, Bulgaria ; 06/2016

**Research interest:**

1. Construction Materials
2. Concrete
3. Geopolymer Binders
4. Condition assessment of Industrial Buildings, built during the Communist period in Albania

**Professional Activities, Recognition and Other Information**

- Member of the Local Organizing Committee of the 1st and 3rd International Balkans Conference on Challenges of Civil Engineering, 1-BCCCE 2011 and 3-BCCCE 2016, Epoka University,
- Head of the Internal Evaluation Group for the reaccreditation of the Bachelor Program in Civil Engineering, Epoka University
- Administrative Board Member of “Center of Research and Design in Architecture - CoRDA”, Epoka University.
- Manager of the Civil Engineering Laboratory, Epoka University.
- Participation in the Training School on Non-Destructive Testing (NDT) techniques applied in Civil Engineering, Polytechnic University of Catalunya, Barcelona

**No.3**

<b>Name and surname:</b>	<b>Mirjam Ndini</b>
<b>Academic or scientific title:</b>	Associated Professor, PhD
<b>Affiliation:</b>	Epoka University, Department of Civil Engineering

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Fluid Mechanics	BSc
<b>2</b>	Hydromechanics	BSc
<b>3</b>	Hydraulic Structures	Msc
<b>4</b>	Hydrology for Engineers	Msc
<b>5</b>	Statistical methods in Hydrology	Msc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Flood Risk assessment
<b>2</b>	River Engineering

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Low Flow Assessment in the South Rivers of Albania. (monography) (1997)
<b>2</b>	A UNDP/GEF Handbook on methodologies for technology needs assessments (2003)
<b>3</b>	Albania's Second National Communication to the Conference of Parties under the United Nations Framework Convention on Climate Change (2009)
<b>4</b>	Identification and Implementation of Adaptation Response Measures in the Drini – Mati River Deltas" (2013)
<b>5</b>	Albania's Third National Communication to the Conference of Parties under the United Nations Framework Convention on Climate Change (2016)
<b>Journal Articles</b>	
<b>1</b>	"Catastrophic floods and their risk in the rivers of Albania." "The International Association of Hydrological Sciences -IAHS Publication No 239 1997. ISSN 0144-7815. Impact Factor: 1.22
<b>2</b>	"Detecting trends in Drini River Basin" BALWOIS 2010. ISBN-978-608-4510-03-1.
<b>3</b>	"Assessment of climate change impacts on water resources in the Vjosa basin" WILEY-VCH: "Transboundary Water Resources Management". ISBN:978-3-527-33014-0. (5-year impact factor of 3.739)
<b>4</b>	"Monitoring and modelling of extreme event of Shkodra flood 2010". "Monitoring, modelling and early warning of extreme events triggered by heavy rainfalls" UNESCO, University of Calabria and IHP. 2015
<b>5</b>	"Security of the Energy Sector in Albania In The Face Of Climate Change" NATO Science for peace and Security Series –C: Environmental Security-2009. ISBN 978-1-4020-9451-4. ISSN 1874-6519. Publisher SPRINGER Netherlands. "Impact Factor" (0.654). H-index 51
<b>Conference Papers</b>	
<b>1</b>	The International Conference "The Global Dimensions of Change in River Basins Threats, Linkages and Adaptation- (GWSP). 2010, Bonn, Gjermani.
<b>2</b>	The International Conference "Hydrology and Ecology" 2-5 May 2011. Vienna, Austria.
<b>3</b>	The International Conference "Hydroclimate resources-An important tool for a sustainable development of Albania" UPT-INEUM. Tirane, June 2011. Referring: "The EU Directive on Floods. Challenges to face"
<b>4</b>	The "9th International Hydrogeological Congress" University of Patras, Department of Geology.5-8 October 2011; Kalavrita; Greece; Referring: "Analysis of surface and ground water exchange in two different watersheds" Proceeding.

**5**

International Balkans Conference on Challenges of Civil Engineering “Modelling hydraulic behavior of Buna River” 2016

**Research interest:**

- 1.** Hydrology
- 2.** Hydraulic of open channels
- 3.** Climate Change

**Professional Activities, Recognition and Other Information**

- More than 20 years as a researcher in the National Institute of Hydrometeorology.
- Lecture on the Polytechnic University- Tirana
- Lecture on Epoka University
- Member of the Scientific Committees in National and International Conferences
- Guest speaker in Symposium, workshop, etc.
- Participating in National and International Projects as “water national expert”
- Etc.

**No.4**

<b>Name and surname:</b>	Julinda Keçi
<b>Academic or scientific title:</b>	MSc
<b>Affiliation:</b>	Epoka University, Department of Civil Engineering

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	Building Construction Management	BSc
2	Introduction to Civil Engineering	BSc
3	Engineering Economics	BSc
4	Materials Science	BSc
5	Construction Engineering and Management	BSc
6	Engineering Application	MSc
7	Construction Planning	MSc
8	Risk Management in Construction	MSc
9	Engineering Economics	BSc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Techniques and Tools in Risk Management
2	Project Planning, Management And Coordination

**Research and scholarly output**

Books, monographs and chapter in books and monographs	
1	Keci, J. and Mustafaraj, E. (2015). Chapter 13 "Practices, Barriers and Challenges of Risk Management Implementation in Albanian Construction Industry" In book: Urban Planning and Civil Engineering, Edited by Virginia P. Sisiopiku Ossama E. Ramadan, Athens Institute for Education & Research (ATINER).
Journal Articles	
1	Keci, J., (2014). "A User- Oriented Implementation of Risk Breakdown Structure in Construction Risk Management", Journal of Civil Engineering and Architecture, 8(5) (Serial No. 78), 529-537
2	Keci, J., (2014). "The Effect of Attendance on Academic Performance", Mediterranean Journal of Social Sciences, 5 (23), 961-966
3	Keci, J., (2015). "Public Private Partnership for Infrastructure Projects: Mapping the Key Risks", International Journal of Social, Behavioral, Educational, Economic and Management Engineering, 9(9), 2696- 2706
Conference Papers	
1	Keci, J., (2016). "Private capital, Public Good: Role of PPPs in Infrastructure provisions in Albania", 20th EBES Conference, 28-30 September 2016, Vienna, Austria
2	Keci, J., (2016). "Using Public Private Partnership to Improve Infrastructure Provisions: The Case of Albania", XVI International Scientific Conference VSU(VSU'16), pp. 405-416, 9-10 June 2016, Sofia, Bulgaria.
3	Keci, J., (2014). "Informal Urban Development: A Continuing Challenge", 2nd International Conference on Architecture & Urban Design(2-ICAUD), Paper No. 369, 08-10 May 2014, Tirana, Albania
4	Keci, J. and Mustafaraj, E., (2013). "Practices, Barriers and Challenges of Risk Management Implementation in Albanian Construction Industry", 4th Annual International Conference on Civil Engineering, Athens: ATINER'S Conference Paper Series, No: CIV2013-0639, Athens

<b>5</b>	Keci, J., (2013). "A User- Oriented Implementation of Risk Breakdown Structure in Construction Risk Management", Second International Balkans Conference on Challenges of Civil Engineering, pp 582-593, 23-25 May 2013, Tirana, Albania
<b>6</b>	Keci, J. and Oztas, A., (2012). "The implementation of project risk managemet on Albanian construction industry", 1st International Conference on Architecture & Urban Design (1-ICAUD), pp 1241-1252, 19-21 April 2012, Tirana, Albania
<b>7</b>	Keci, J. and Baballeku, M., (2012). "The effect of soil structure interaction on structural siesmic demand: Neglected or Considered?!", International Students' Conference on Civil Engineering, pp 40-54, 10-11 May 2012, Tirana, Albania

**Research interest:**

1. Construction Planning
2. Construction Management
3. Risk Management in Construction Projects
4. Project Management and Planning
5. Earthquake and Geotechnical Design Professional Activities, Recognition and Other Information

**Professional Activities, Recognition and Other Information**

- Member of the Local Organizing Committee of the 2nd and 3rd International Balkans Conference on Challenges of Civil Engineering, 2-BCCCE 2013 and 3-BCCCE 2016, Epoka University.
- Member of the Local Organizing Committee of International Students' Conference of Civil Engineering ISCCE 2012, Epoka University.
- Attended CIVILCON'14 (Civil Engineering Convention'14) organized by Istanbul Technical University.
- Professional experience at ALUIZNI (Agency of Legalization, Urbanization and Integration of Informal Areas, Tirana, Albania)

Main responsibilities include: Planning, and designing the vectorial map; Designing building plans; Preparation of legal/technical documentation for expropriation, compensation and legalization; Inspection of informal settlements and outlining the facilities' plans; Follow up on legal and technical requirements

**No.5**

<b>Name and surname:</b>	<b>Huseyin Bilgin</b>
<b>Academic or scientific title:</b>	Assoc. Prof. Dr
<b>Affiliation:</b>	Epoka University, Department of Civil Engineering

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	Engineering Mechanics	BSc
2	Mechanics of Materials	BSc
3	Graduation Project	BSc
4	Intermediate Structural Dynamics	MSc
5	Introduction to Earthquake Resistant Design	MSc
6	Earthquake Engineering	PhD

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Earthquake Disaster Mitigation

**Research and scholarly output**

Journal Articles	
1	Bilgin, H. (2015). "Generation of Fragility Curves for Typical RC Health Care Facilities: Emphasis on Hospitals in Turkey." <i>J. Perform. Constr. Facil.</i> , 10.1061/(ASCE)CF.1943-5509.0000806 , 04015056.
2	Bilgin, H., (2013). "Fragility-based assessment of public buildings in Turkey", <i>Engineering Structures</i> , Volume 56, pages 1283-1294, <a href="http://dx.doi.org/10.1016/j.engstruct.2013.07.002">http://dx.doi.org/10.1016/j.engstruct.2013.07.002</a>
3	Bilgin, H., and Korini, O. (2012). "Seismic capacity evaluation of unreinforced masonry residential buildings in Albania", <i>Nat. Hazards Earth Syst. Sci.</i> , 12/3753-3764/ 2012, doi:10.5194/nhess-12-3753-2012.
4	Yilmaz, S.,Tama, S.Y., Bilgin, H., (2012). "Seismic Performance Evaluation of Unreinforced Masonry School Buildings in Turkey", <i>Journal of Vibration Control</i> , September 12, 2012, doi:10.1177/1077546312453190
5	Kaplan, H., Bilgin, H., Yilmaz, S., Binici, H., and Oztas, A. (2010). "Structural Damages of L'Aquila Earthquake", <i>Nat. Hazards Earth Syst. Sci.</i> , 10/499–507/2010, doi:10.5194/nhess-10-499-2010.
6	Inel, M., Bilgin, H., and Ozmen, H.B., (2008). "Seismic Capacity Evaluation of School Buildings in Turkey", <i>Proceedings of ICE, Structures and Buildings of Thomas Telford Journals</i> ,, Volume 161, Issue SB3, pages 147-159.
7	Inel, M., Ozmen, H.B., and Bilgin, H., (2008). "Seismic Performance Evaluation of School Buildings in Turkey", <i>Structural Engineering and Mechanics</i> , Volume 30, No.5
8	Inel, M., Bilgin, H., and Ozmen, H.B., (2008). "Performance of Mid-Rise Reinforced Concrete Buildings During Recent Earthquakes in Turkey", <i>Journal of Turkish Chamber of Civil Engineers</i> , Volume 284, pages, 4319-4331, (In Turkish)
9	Inel, M., Ozmen, H.B. and Bilgin, H., (2007). "Re-evaluation of building damages during recent earthquakes in Turkey", <i>Engineering Structures</i> , Volume 30, pages 412-427
Conference Papers	
1	Bilgin, H., Huta, E. (2016). "Earthquake Performance Assessment of Low-Rise URM Building ", 3rd International Balkans Conference on Challenges of Civil Engineering – 19-21 May 2016, Epoka University, Tirana, ALBANIA, ISBN: 978-9928-135-19-3, Page no: 144-152
2	Bilgin, H., Korini, O., (2013). "Seismic safety assessment of an unreinforced masonry building in Albania", <i>Vienna Congress on Recent Advances in Earthquake Engineering and Structural</i>

	Dynamics 2013 (VEESD 2013) C. Adam, RR. Heuer, W. Lenhardt & C. Schranz (eds) 28-30 August 2013, Vienna, Austria, Paper No.:205
<b>3</b>	Bilgin, H., , (2013). "Fragility based assessment of a school building in Turkey", 2nd International Balkans Conference on Challenges of Civil Engineering – 23-25 May 2013, Epoka University, Tirana, ALBANIA
<b>4</b>	Zhulegu, E., and Bilgin, H., (2012). "Seismic Performance Assessment of a Reinforced Concrete Building designed using the Albanian Seismic Code", in B.H.V. Topping, (Editor), "Proceedings of the Eleventh International Conference on Computational Structures Technology", Civil-Comp Press, Stirlingshire, UK, Paper 200, 2012. doi:10.4203/ccp.99.200
<b>5</b>	Korini, O., Bilgin H., "A new modeling approach in the pushover analysis of masonry structures", International Students' Conference of Civil Engineering, ISCCE 2012, ISBN: 978-9928-135-02-5, Paper no: 13, Epoka University, Tirana, Albania, 10-11 May 2012
<b>6</b>	Frangu, I., Bilgin H., "Evaluation of seismic analysis procedures for seismic actions: A Comparative study between Eurocode 8 and KTP-89", International Students' Conference of Civil Engineering, ISCCE 2012, ISBN: 978-9928-135-02-5, Paper no: 17, Epoka University, Tirana, Albania, 10-11 May 2012

**Research interest:**

1. Response and design of structures under extreme loading conditions
2. Earthquake engineering and structural dynamics
3. Reinforced concrete and masonry construction

**Professional Activities, Recognition and Other Information**

- Member of several national and international organizations related to earthquake and civil engineering and reviewer for several peer reviewed journals related to structural and earthquake engineering.
- *Yapısal Onarım ve Güçlendirme Sempozyumu* (Denizli, 2006), Organizing committee member,
- *International Balkans Conference on Challenges of Civil Engineering – 19-21 May 2011*, Epoka University, Tirana, ALBANIA, (Organizing committee member),
- *International Students' Conference of Civil Engineering*, Epoka University, Tirana, Albania, 10-11 May 2011, (Co-chairman)
- *2<sup>nd</sup> International Balkans Conference on Challenges of Civil Engineering – 23-25 May 2013*, Epoka University, Tirana, ALBANIA, (chairman),
- *3<sup>rd</sup> International Balkans Conference on Challenges of Civil Engineering – 19-21 May 2016*, Epoka University, Tirana, ALBANIA, (Co-chairman),

**No.6**

<b>Name and surname:</b>	<b>Sokol Dervishi</b>
<b>Academic or scientific title:</b>	Assoc. Prof. Dr
<b>Affiliation:</b>	Epoka University, Head of Architecture Department

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	Building Construction Technology I	BSc
<b>2</b>	Building Construction Technology II	BSc
<b>3</b>	Environmental Control Studio	BSc
<b>4</b>	Architectural Construction Project	BSc
<b>5</b>	Lighting in Architecture	MSc
<b>6</b>	Special Topics in Building Technology	MSc
<b>7</b>	Building Performance Simulation Methods	PhD
<b>8</b>	Solar Radiation in Building Design	PhD

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Fire Simulation Evacuation
<b>2</b>	Fire in Building Design

**Research and scholarly output**

<b>Books, monographs and chapter in books and monographs</b>	
<b>1</b>	Habilitation Theses S. Dervishi: "Architectural Lighting: Boundary Conditions and Computational Applications"; Fakultät für Architektur und Raumplanung, TU Wien, Institut für Architekturwissenschaften, Abteilung Bauphysik und Bauökologie, 2014.
<b>Journal Articles</b>	
<b>1</b>	S. Dervishi, A. Mahdavi: "A simple model for the derivation of illuminance values from global radiation data"; Building Simulation, 6 (2013), 4; 379 - 383.
<b>2</b>	S. Dervishi, A. Mahdavi: "Computing diffuse fraction of global horizontal solar radiation: A model comparison"; Solar Energy, 86 (2012), 6; 1796 - 1802.
<b>3</b>	K. Orehounig, S. Dervishi , , A. Mahdavia Computational derivation of irradiance on building surfaces: An empirically-based model comparison, Renewable Energy, 71; 185– 192
<b>4</b>	A. Mahdavi, S. Dervishi: "A comparison of luminous efficacy models based on data from Vienna, Austria"; Building Simulation, 4 (2011), 4; 183 - 188.
<b>5</b>	A. Mahdavi, S. Dervishi: "Approaches to computing irradiance on building surfaces"; Journal of Building Performance Simulation, 3 (2010), 2; 129 - 134.
<b>Conference Papers</b>	
<b>1</b>	M. Şahin, S. Dervishi, A. Ö. Torun, I. Tekçe. 2016. Changing Context of Contextual Design Studio. 2016. European Design Communication Association Conference. Ozyegin University, Istanbul, Turkey. May 11 -14, 2016
<b>2</b>	O. Gocer, S. Dervishi. 2015. The use of building performance simulation tools in undergraduate program course training. Proceedings of BS2015:14th Conference of International Building Performance Simulation Association, Hyderabad, India, Dec. 7-9, 2015.
<b>3</b>	S. Dervishi, A. Mahdavi. 2013: "A model to estimate luminous efficacy of global solar radiation for all sky conditions". CLIMA 2013. 11th Rehva World Congress &8th International conference on IAQVEC. 16-19. 06. 2013. Prague, Czech Republic.
<b>4</b>	S. Dervishi, A. Mahdavi: "Recent implementation efforts in simulation-powered lighting and shading systems controls in buildings"; Vortrag: 10th REHVA World Congress, Antalya;

	09.05.2010 - 12.05.2010; in: "clima 2010 - 10th REHVA World Congress", N. Sahin (Hrg.); University organization with scientific committee, (2010), 8 S.
<b>5</b>	A. Mahdavi, S. Dervishi: "A new model-based approach to lighting systems control in buildings." 4 <sup>th</sup> International Building Physics Conference, Istanbul; 15.06.2009 - 18.06.2009; in: "Energy Efficiency and New Approaches", N. Bayazit, G. Manioglu, G.K. Oral, Z. Yilmaz (Hrg.); (2009), ISBN: 9789755613505; S. 719 - 723.

**Research interest:**

1. Building and Urban Physics
2. Performance-Based Design
3. Building Systems Control

**Professional Activities, Recognition and Other Information**

Mr. Dervishi is a building physicist with considerable years of academic and professional experience in Austria and Albania. Mr. Dervishi conducts advance research as senior scientific researcher at Vienna University of Technology and Epoka University. Mr. Dervishi counts more than 60 International Publications in International journals and conferences in the Energy in Urban and Building Scale. He has directed a number of International Projects in Energy Efficient sector funded by EU (see below). Areas of expertise can be summarized as following: Building Physics and Urban Physics, Building and Urban Performance and Diagnostics, Building and Urban Performance Simulation, Human Ecology. In addition, the area of expertise focuses on urban heat island effects, building envelope systems and technology, fenestration technology, system control and integration, acoustic performance.

Mr. Dervishi is specialized in the field of sustainability and energy efficiency in buildings towards thermal performance and sustainable design strategies. His research is focused on measuring, simulating and modeling techniques for light, heat, acoustics, fire protection. In addition, Mr. Dervishi has considerable experience with energy audits and energy performance assessment in building sector.

**No.7**

<b>Name and surname:</b>	Endri Stoja
<b>Academic or scientific title:</b>	PhD
<b>Affiliation:</b>	Epoka University, Department of Computer Engineering

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	ECE 221/260 Electronic Circuits I and II	BSc. in Electronics and Digital Comm. Eng.
2	ECE 325 Telecommunication Circuits	BSc. in Electronics and Digital Comm. Eng.
3	ECE 352 Antennas and Propagation	BSc. in Electronics and Digital Comm. Eng.
4	ECE 354 Microwave Engineering	BSc. in Electronics and Digital Comm. Eng.
5	ECE 533 Advanced Antenna Theory	MSc. in Electronics and Communication Eng.

No.	Potential subjects in new study programme developed within the K-FORCE project
1	Wireless Sensor Networks for Environmental Monitoring
2	Remote Sensing for hydro-meteorological monitoring and civil protection decision

**Research and scholarly output**

Journal Articles	
1	Bartolucci G., Sardi G. M., Marcelli R., Proietti E., Lucibello A., Stoja E.. and Frezza F., Modeling of a metallic truncated cone for electromagnetic capacitive sensors, Journal of Applied Physics, Vol. 118, No. 7, pp. 074503, doi:10.1063/1.4928466.
2	Frezza F., Mangini F., Muzi F. and Stoja E., In silico validation procedure for cell volume fraction estimation through dielectric spectroscopy, Journal of Biological Physics, Vol. 41, No. 3, pp. 223-234, doi:10.1007/s10867-014-9374-8.
Conference Papers	
1	Hoxha J., Stoja E., Domnori E. and Cincotti G., Multicarrier digital fractional Fourier transform for coherent optical communications, Proceedings of the 17th IEEE International Conference on Smart Technologies, Ohrid, July 2017.
2	Stoja E., Hoxha J., Domnori E., Pajewski L. and Frezza F., Study of the Scattered Electromagnetic Field by Differently-Shaped Buried Objects in Various Scenarios, Proceedings of the European Geosciences Union General Assembly, Vienna, April 2017.
3	Bartolucci G., Sardi G. M., Marcelli R., Proietti E., Lucibello A., Stoja E. and Frezza F., Analytical evaluation of the capacitance of a conical sensor for micro-nano imaging techniques, Proceedings of the 6th IEEE International Workshop on Advances in Sensors and Interfaces, pp. 283-287, Gallipoli, June 2015.
4	Letizia R. and Stoja E., THz Cherenkov Radiation from Electron Beam Excitation of Surface Plasmon Polaritons, 7th UK, Europe, China Millimeter Waves and THz Technology Workshop, Chengdu, September 2014.
5	Stoja E. and Frezza F., Metal-Insulator-Metal (MIM) Plasmonic Waveguide Based Directional Couplers Operating at Telecom Wavelengths, 6th UK, Europe, China Millimeter Waves and THz Technology Workshop, Rome, September 2013.

**Research interest:**

1. Electromagnetic Modelling of Ground Penetrating Radar
2. Computational Electromagnetics
3. Nano-optics for Biosensing Applications

## **Professional Activities, Recognition and Other Information**

### **- Honors and Awards**

- Best Student Paper of the 6th UK, Europe, China Millimeter Waves and THz Technology Workshop, awarded by the Shenggang Liu Science and Technology Development Foundation, Rome, September 2013.

### **- Project Participation**

- MC Observer to COST Action TU1208 \Civil Engineering Applications of Ground Penetrating Radar" representing Epoka University, Albania.

### **- Professional Memberships**

- METAMORPHOSE VI, the Virtual Institute for Artificial Electromagnetic Materials and Metamaterials.
- SIEm, Italian Society of Electromagnetism

**No.8**

<b>Name and surname:</b>	Artan Hysa
<b>Academic or scientific title:</b>	-
<b>Affiliation:</b>	Epoka University, Architecture Department

**Teaching**

No.	List of subjects	Study programme and the level of the study
1	Architectural Design Studio	BSc
2	Graphic Communication	BSc
3	Sustainable Design and Technologies Research Workshop	Msc
4	Supervised Independent Study and Research	Msc
5	Master Thesis	Msc

No.	Potential subjects in new study programme developed within the K-FORCE project
1	DRM & FSE in Landscape Scale
2	GIS Applications in DRM & FSE

**Research and scholarly output**

Journal Articles	
1	Landscape Fragmentation Assessment Utilizing the Matrix Green Toolbox and CORINE Land Cover Data
Conference Papers	
1	Land Cover Statistics as a Measure of Natural Capital Distribution Fairness among altered Administrative Territorial Divisions
2	Beyond the Structure; Footbridge as a Landscape Architectural Design Product
3	Comparing Two Examples of Albanian Industrial Heritage Sites along Urban Rivers
4	Architecture in Transdisciplinarity: A Critical Reading on Nicolescu and "Hunch 9"
5	Spiderweb-City; Tirana Urban Skies' Vulnerability

**Research interest:**

1. Landscape Research and Planning
2. Transdisciplinary Research Practices
3. Environmental Planning

**No.9**

<b>Name and surname:</b>	<b>Albana Halili Ndreu</b>
<b>Academic or scientific title:</b>	Assist. Prof. Dr.
<b>Affiliation:</b>	“Aleksander Moisiu” University

**Teaching**

<b>No.</b>	<b>List of subjects</b>	<b>Study programme and the level of the study</b>
<b>1</b>	General Chemistry	BSc
<b>2</b>	Materials Science	BSc
<b>3</b>	Introduction to Bioinformatics	BSc
<b>4</b>	Research Methods	PhD
<b>5</b>	Research Methods	Msc
<b>6</b>	Introduction to Nano-Science and NanoTechnology	Msc

<b>No.</b>	<b>Potential subjects in new study programme developed within the K-FORCE project</b>
<b>1</b>	Research Methods

**Research and scholarly output**

<b>Journal Articles</b>	
<b>1</b>	Halili AN, Kurum B, Karahan S and Hasirci V (2016). Collagen based scaffolds for meniscus tissue engineering: in vivo application. Front. Bioeng. Biotechnol. Conference Abstract: 10th World Biomaterials Congress (doi: 10.3389/conf.FBIOE.2016.01.00042).
<b>2</b>	A. Ndreu Halili, N. Hasirci, V. Hasirci. A multilayer tissue engineered substitute. J Mater. Sci.: Mater. Med. 2014, 25 (4), 1195-1209
<b>3</b>	Julien Barthes, Hayriye Özçelik, Mathilde Hindié, Albana Ndreu-Halili, Anwarul Hasan, Nihal Engin Vrana. Cell Microenvironment Engineering and Monitoring for Tissue Engineering and Regenerative Medicine: The Recent Advances. Biomed. Res. Int. Volume 2014, Article ID 921905, 18 pages.
<b>4</b>	Irina Pascu, Hayriye Ozcelik, Albana Ndreu-Halili, Yurong Liu, and Nihal Engin Vrana. Monitoring, Controlling, and Improving Engineered Tissues Nanoscale Technologies and Devices for Tissue Engineering' published in: Selimovic S. 'Nanopatterning and Nanoscale Devices for Biological Applications', Chp. 12, pg. 291-328, CRC Press 2014.
<b>5</b>	Albana Ndreu Halili, Nesrin Hasirci and Vasif Hasirci. A mechanically functional collagen-based construct designed as a meniscus substitute. J. Biomater. Tissue Eng. 2013; 3: 173-184.
<b>6</b>	Yucel D., Kenar H., Ndreu A., Endođan T., Hasirci N., Hasirci V. Bionanotechnology II: Global Prospects. Nanotechnology in Biomaterials: Part I: Nanofibers in Tissue Engineering, Ed. D.E. Reisner, CRC Press, 2010.
<b>Conference Papers</b>	
<b>1</b>	Albana Ndreu Halili. Electrospun nonwoven mats for textile applications. 7th International Textile Conference. 10 – 11 November, Tirane, Albania, 2016.
<b>2</b>	Albana Ndreu-Halili, Vasif Hasirci. Electrospun nano/microfibers and their health-related applications. ALBNANO Workshop on Nanotechnology and Biosensors. 30-31 May, Tirane, Albania, 2016.
<b>3</b>	Halili-Ndreu Albana, Hasirci Nesrin, Hasirci Vasif. Biocompatible scaffolds for meniscus tissue engineering. First International Conference on Applied Sciences: New Technologies and Applications in Medicine. 7-8 November, Tirane, Albania, 2014.
<b>4</b>	Albana Halili, Vasif Hasirci. Nanobiomaterials for biomedical applications. New Frontiers of Nanomaterial Technologies for Applications in Biology and Medicine. 10-11 July, Tirane, Albania, 2014.

<b>5</b>	Halili Ndreu A., Hasirci N., Hasirci V., Tissue engineering of meniscus. 9th World Biomaterials Congress (WBC), 1-5 June, Chengdu, China, 2012.
<b>6</b>	Halili Ndreu A., Hasirci N., Hasirci V., Novel scaffolds for meniscus tissue engineering. 24th European Conference on Biomaterials, September 4-8, Dublin, Ireland 2011.

#### **Research interest:**

1. Biotechnology
2. Nanomaterials
3. Biomaterials

#### **Professional Activities, Recognition and Other Information**

Date from –to	Location	Institution	Position	Description
Oct 2016 - current	Durres / Albania	Aleksander Moisiu University	Lecturer	Lecturer in Information Technology Department
Sep 2011 –Sep 2016	Tirane / Albania	EPOKA University	Assist. Prof. Dr. (Lecturer)	Lecturer in Computer Engineering Department
Sep 2013 – Sep 2014	Tirane / Albania	EPOKA University	Head of Research and Projects Office	Project Coordination and Management
Nov 24-26, 2014	ISPRA / Italy	Joint Research Center (JRC)	Researcher (invited as speaker)	2 <sup>nd</sup> Enlargement Workshop on Nanobiomaterials
Dec 3-5, 2013	ISPRA / Italy	Joint Research Center (JRC)	Researcher (invited as speaker)	1 <sup>st</sup> Enlargement Workshop on Nanobiomaterials
Oct 2008	Lubeck / Germany	Lubeck University	Researcher	'Biophysical and biochemical analysis of collagen' Workshop (a part of FP6 Expertissues project)
Jan 2006 – March 2006	Tampere/ Finland	Tampere University of Technology	Visiting Researcher	Research was done in the context of FP6 Expertissues project collaboration

#### **Patent Applications**

V. Hasirci and A. Ndreu, 'Collagen-based meniscus tissue engineering' (Kollajen temelli yapay meniscus); Patent No: 2011/03662.

#### **Awards/Achievements**

- 'Best Thesis of the Year' award given by Middle East Technical University (May 2008).
- Rudolf Cimdins Award for Best Poster Presentation given by European Society for Biomaterials (ESB), 2010, Tampere, Finland.

# **CONCLUSION**

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Report provides data on the existing and future teaching staff resources for DRM&FSE Master and PhD study programs in WBC.

Based on the SWOT Analysis of teaching staff, following can be concluded:

1. Strengths
  - Competence in the subject appointed to each
  - Research experience in the subject appointed to each
  - Long Experience in teaching at both bachelor and master level
  - Collaboration with important institutions outside the university
2. Weakness
  - Several new subjects have to be developed from the beginning
  - Lack of textbooks at present
3. Opportunities
  - Subjects will be developed in collaboration with project partners
  - Possibility to use resources of the project (human resources, technical, etc)
  - Laboratory equipment will be provided within the project timeframe and used by both teachers and students
  - Textbooks and other materials can be provided within the project timeframe
  - Staff will be trained within the project years
4. Threats
  - The exact level of demand for this programme is unknown
  - Funding support for this programme might discontinued in the years after the project