



International Conference of Civil Engineering ICCE 2023  
18-20 May 2023 Tirana - Albania

# CONFERENCE PROGRAM

Sponsored by:



NEXTPlus™



BM GROUP



4A-M

BAU HOLDING



MANETCI



MACCAFERRI

organized by:

civil engineering faculty - polytechnic university of tirana  
civil engineering faculty - university of prishtina

# International Conference of Civil Engineering ICCE 2023

Thursday, May 18

Location: Tirana International Hotel & Conference Center

<b>“BALSHA” Room</b>	
<b>08:30 – 09:30</b>	<b>Registration for Opening Ceremony</b>
<b>09:30 – 10:30</b>	<b>OPENING CEREMONY</b>
<b>10:30 – 11:15</b>	<b>KEYNOTE SPEAKER - TATSUNORI MATSUMOTO</b> Developments of rapid load testing on piles in Japan
<b>11:15 – 11:45</b>	<b>COFFEE BREAK</b>
<b>11:45 – 12:30</b>	<b>KEYNOTE SPEAKER - AGATHE ROBISSON</b> Behavior of a fresh cement mortar under pipe flow
<b>12:30 - 13:15</b>	<b>KEYNOTE SPEAKER - PAOLO BAZZURRO</b> Development of fragility curves for seismic risk assessment of specific buildings with focus on ground motion selection techniques: dos and don'ts
<b>13:15 – 14:15</b>	<b>LUNCH</b>
<b>14:15 – 15:00</b>	<b>KEYNOTE SPEAKER – JOSIP ATALIC</b> The Croatian Centre for Earthquake Engineering: Establishment of the platform
<b>15:00 – 15:45</b>	<b>KEYNOTE SPEAKER – KAREL PAVELKA</b> The use of mobile mapping technology in geomatics for the geometrics basis of BIM
<b>15:45 – 16:00</b>	<b>COFFEE BREAK</b>

<b>SPECIAL SESSION – EUROCODES</b>	
<b>Moderators: Prof. Dr. Neritan SHKODRANI, Prof. Ass. Dr. Florim GRAJÇEVCI</b>	
<b>16:00 – 16:30</b>	<b>GEORGIOS BELOKAS</b>
<b>16:30 – 17:00</b>	<b>HUSEYIN BILGIN</b>
<b>17:00 – 17:15</b>	<b>JULIJANA BOJADJIEVA</b>
<b>17:15 – 17:30</b>	<b>RIKARD LUKA</b>
<b>17:30-17:45</b>	<b>MARKEL BABALLEKU</b>
<b>17:45 – 18:45</b>	<b>POSTER SESSION (“METROPOL” Room)</b>
<b>17:45 – 18:45</b>	<b>STUDENT SESSION (“BLUE” Room)</b>
<b>19:30 – 21:30</b>	<b>WELCOME DINNER (Muraga Restaurant)</b>

<b>“METROPOL” Room</b>	
<b>POSTER SESSION</b>	
<b>ICCE2023_SEE07</b>	Seismic protection of buildings with tested upgraded sliding isolation system with sf devices Jelena Ristic, Valon Veseli, Sergey Churilov, Danilo Ristic
<b>ICCE2023_SEE31</b>	Evaluation of seismic response of frame structure designed in accordance with Eurocode 8 Ivan Mrdak, Marina Rakocevic
<b>ICCE2023_SEE34</b>	Traditional structures vs structures with damper devices considering SSI Aleksandra Bogdanovic, Kemal Edip, Julijana Bojadjeva, Vlatko Sheshov

ICCE2023_SEE42	Comparative Study of Wind and Seismic Loads Effect on the 128-Meter-Tall Building located in the Bay of Vlorë Idlir Dervishi, Dhimitri Papa
ICCE2023_GE05	Experimental and numerical soil stability analysis of biopolymer-treated slope Aleksandra Nikolovska Atanasovska, Josif Josifovski
ICCE2023_GE07	Assessment of liquefaction potential on selected sites from Albania and N. Macedonia based on in-situ tests J. Bojadjieva, V Sheshov, K Edip, N. Shkodrani, A. Bogdanovic, T. Kitanovski, D. Ivanovski
ICCE2023_GE09	Structural analysis, reinforcing and stabilizing interventions of existing structures in historical areas Mentor Balilaj, Xhevahir Aliu, Megi Xhafaj
ICCE2023_CTM01	Maintenance as a Tool to Avoid Defects in Sports Facilities: A Case Study of "Fadil Vokrri" Stadium in Prishtina Nexhmi Krasniqi, Idaver Huseini, Besim Duraku, Anjeza Alaj
ICCE2023_HFWM11	Water Footprint: Definitions, Environmental Impacts & Sustainability Alfred Lako, Konalsi Gjoka
ICCE2023_HFWM12	The effects of climate change on rivers and lakes water temperature and ice phenomena - Poland case study. Mariusz Sojka, Mariusz Ptak
ICCE2023_EQ01	Identification of Pointed Sources of Air Emissions in the Territory of Albania Kleant Semema, Neritan Shkodrani
ICCE2023_EQ03	External review of EIA Reports in Albania A missing step to identify information gaps and deficiencies in EIA Reports Entela Çobani, Joana Gjipalaj, Ledia Aleksii
ICCE2023_EQ05	Key challenges and future directions toward sustainable waste management in Montenegro

	Marija Jevrić, Ivana Ćipranić, Milena Ostojić, Olga Ćalasan
ICCE2023_EQ06	Assessing the Potential of Lolium multiflorum and Trifolium pratense as Bioindicators of Heavy Metal Pollution Arlinda Cakaj, Maria Drapikowska, Marta Lisiak-Zielińska, Annetta Hanć, Klaudia Borowiak, Kinga Drzewiecka, Arbnore Cakaj
ICCE2023_RAEM01	Potential Risk Assessment of Soil Erosion in Raboshta Watersheds Oltion Marko, Joana Gjipalaj
ICCE2023_RAEM04	The possibility of collecting historical data on the consequences of floods in Montenegro Ivana Ćipranić, Marija Jevrić, Milena Ostojić, Olga Ćalasan
ICCE2023_RAEM08	Effect of the cross-linker on the structure and morphology of porous Ytria Stabilized Zirconia beads Joana Gjipalaj, Ivano Alessandri
ICCE2023_WWT01	Aerobic vs. anaerobic membrane bioreactor (MBR) applications in waste water treatment plants in Albania Case study: WWTP in the "SAN PIETRO" tourist village Entela Ćobani, Blerina Beqaj, Hilda Hoti
ICCE2023_WWT05	Hierarchical meso-/macroporous titania beads for photocatalytic degradation of organic pollutants Joana Gjipalaj, Ivano Alessandri
ICCE2023_SD02	Utilizing landscape to reduce city traffic noise issues Ledja Aleksi, Enola Martopullo, Aleksandra Nicka
ICCE2023_ERE01	Preliminary evaluation of the potential of the wind source for the production of electricity in the absence of on-site measurements. Case study area Fushe - Milot Kurbin Konalsi Gjoka, Alfred Lako
ICCE2023_GCPRS01	Creation of a website for monitoring the tide gauges in the Republic of Albania and their data analysis

	Arli Llabani, Freskida Abazaj
ICCE2023_GCPRS09	Realization of Vertical References for Albania Bledar Sina, Namik Koplaku, Eduart Blloshmi
ICCE2023_GCPRS10	Development of the Horizontal Datum of Albania Eduart Blloshmi, Gëzim Gjata, Bledar Sina
ICCE2023_EGSM04	The change in the Mean Sea Level of the Adriatic, based on data from the satellite mareographs of Shengjin and Durres. Ethem Bejko, Bledar Sina, Eduart Blloshmi, Namik Koplaku
ICCE2023_TE06	Assessment of the Vehicles Loading Scheme for the Bridge Xhevahir Aliu, Mentor Balilaj, Megi Xhafaj
ICCE2023_HSCE01	A study of hydrodynamic features in the coastal zone Idlir Lami, Oltion Marko

## “BLUE” Room

### STUDENT SESSION

**Moderators: MSc. Arli LLABANI, MSc. Vlerë KRASNIQI**

17:30-17:45	Defects in concrete structures – Poor material quality or improper manufacturing Florentinë Latifi, Agona Ramaj, Naser Kabashi, Florim Grajçevci
17:45-18:00	Evaluation of Soil Eroded Material Using Erosion Potential Method (Case study: "Shkalla" lake in Tirana, Albania) Era Fusha, Oltion Marko, Joana Gjipalaj

<b>18:00-18:15</b>	Possible Application of New Technologies in Water Conservation in Albania Sindi Alli, Oltion Marko, Joana Gjipalaj
<b>18:15-18:30</b>	Geological conditions and the surveying of the Region of Ishmi for urban development Marin Allaraj, Sokol Allaraj, Defrim Shkupi
<b>19:30-21:30</b>	<b>WELCOME DINNER</b>

**Friday, May 19**

**Location: Tirana International Hotel & Conference Center**

<b>“CONSORTIUM” Room</b>	
<b>08:30-09:15</b>	<b>KEYNOTE SPEAKER - JOSE CAMPOS E MATOS</b>
<b>09:15-10:00</b>	<b>KEYNOTE SPEAKER – DORA FOTI</b>
<b>10:00-19:15</b>	<b>Session 1: Structural and Earthquake Engineering</b>
	<b>“BLUE” Room</b>
<b>10:00-12:45</b>	<b>Session 2: Geotechnical Engineering</b>
<b>12:45-18:00</b>	<b>Session 3: Construction Technology and Management/Computational Methods in Civil Engineering/Construction Materials</b>
<b>18:00-19:00</b>	<b>Session 4: Transportation Engineering/ Historical and Monumental Buildings</b>
	<b>“METROPOL” Room</b>

10:00-12:15	<b>Session 5: Environmental Quality/Water and Wastewater Treatment/Efficiency and Renewable Energy/Risk assessment and environmental management/Climate changes and adaptation to them/Engineering against the objectives of sustainable development</b>
12:15-18:00	<b>Session 6: Engineering Geodesy and Survey Monitoring/Higher Geodesy, Cartography, Photogrammetry and RS/Infrastructure of Geospatial Data and Information (NSDI), GIS, Geomatics and Geoscience</b>
18:00-19:45	<b>Session 7: Hydraulics Engineering/Hydrology, Flooding and Water Management/Hydraulic Structures and Coastal</b>

<b>“CONSORTIUM” Room</b>			
08:30-09:15	<b>KEYNOTE SPEAKER - JOSE CAMPOS E MATOS</b> From case study to worldwide perspective for the management of existing infrastructures.		
09:15-10:00	<b>KEYNOTE SPEAKER – DORA FOTI</b> Seismic vulnerability evaluation of buildings according to the Italian standards		
	<b>“CONSORTIUM” Room</b>	<b>“BLUE” Room</b>	<b>“METROPOL” Room</b>
	<b>Session 1: Structural and Earthquake Engineering</b>  <b>Moderators:</b>  <b>Niko POJANI, Misin MISINI</b> <b>10:00-13:00</b>  <b>Jose C. MATOS, Markel BABALLEKU</b> <b>16:00-18:00</b>  <b>Dora FOTI, Huseyin BILGIN</b> <b>18:00-19:15</b>	<b>Session 2: Geotechnical Engineering</b>  <b>Moderators:</b>  <b>Giorgos BELOKAS, Shkelqim DAJA</b> <b>10:00-13:00</b>	<b>Session 5: Environmental Quality/Water and Wastewater Treatment/Efficiency and Renewable Energy/Risk assessment and environmental management/Climate changes and adaptation to them/Engineering against the objectives of sustainable development</b>  <b>Moderators:</b>  <b>Enkelejda GJINALI, Luuk DORREN</b> <b>10:00-12:15</b>



<b>10:00-10:15</b>	<p>Technical – economical evaluation of three methods for retrofitting reinforced concrete columns</p> <p>Igli Kondi, Elvis Capo, Julian Kasharaj</p>	<p>Hydrodynamic rapid load tests on driven steel pipe piles in sandy ground compared with static load test</p> <p>Shihchun Lin, Shuichi Kamei, Isaku Yamamoto, Koji Watanabe, Tatsunori Matsumoto</p>	<p>Assessment of heavy metals concentration in reservoirs with different type of construction</p> <p>Joanna Jaskuła, Mariusz Sojka</p>
<b>10:15-10:30</b>	<p>Deviation effect on structure from Approved Layout Plan</p> <p>Florim Grajcevci, Armend Mujaj, Egzon Ahmaxhekaj</p>	<p>Rock Mass Characterization and kinematic slope stability analysis of the Cretaceous Limestones of the Jonian Zone, Sarandë, Albania</p> <p>Shkëlqim Daja, Besnik Ago, Arjol Lule</p>	<p>Circular Economy Model Application in the context of Wastewater Treatment Plants in Albania</p> <p>Enkelejda Gjinali, Mevis Struga, Elisabeta Poçi, Arbana Kola</p>
<b>10:30-10:45</b>	<b>COFFEE BREAK</b>		
<b>10:45-11:00</b>	<p>Comparative design of steel – concrete composite elements under flexural action</p> <p>Elvis Capo, Igli Kondi, Julian Kasharaj</p>	<p>Soil improvement with geosynthetics in construction of railway track bed in weak soils – Rehabilitation of Kosovo Railway Route 10</p> <p>Guxim Rrudhani, Esat Gashi, Isë Dakaj, Sylë Berisha</p>	<p>Strategic Environmental Assessment: A Case Study of an Innovation and Training Park in Prizren</p> <p>Vlerë Krasniqi, Nexhmi Krasniqi, Lumniqe Gashi – Shabani</p>
<b>11:00-11:15</b>	<p>The soil-structure interaction (SSI) of prefabricated large reinforced concrete panel building.</p> <p>Merita Guri, Flogerta Krosi, Naumaq Pojani, Ditmar Dibra, Xhevahir Alliu</p>	<p>Landslide susceptibility mapping applied to territory planning</p> <p>Besnik Ago, Shkëlqim Daja, Arjol Lule</p>	<p>Fire, fire management and fire risk assessment of Fire Station</p> <p>Almir Rushiti</p>
<b>11:15-11:30</b>	<p>Finite element modeling of retrofitted beam-column joint with FRP</p>	<p>Geothermal piles a sustainable concept of alternative and renewable energy</p> <p>Josif Josifovski, Guxim Rrudhani</p>	<p>Techno-Economic analysis of PV system installed for smart sustainable agriculture farms: Piskove Village, Permet</p> <p>Mevis Struga</p>

	Naser Kabashi, Milot Muhaxheri, Enes Krasniqi, Florentinë Latifi, Ylli Murati		
11:30-11:45	Parameters that affect the seismic assessment and retrofit of two historical heritage buildings of Albania  Erdal Emre Çeçen, Ergys Çaushti	A case study on bearing capacities of driven steel pipe piles from load tests and empirical formulas based on SPT and CPT  Shihchun Lin, Shuichi Kamei, Isaku Yamamoto, Koji	Engineered wetlands use case for climate change adaptation of vineyards in the Rahovec wine region of Kosovo.  Dustin Sanchez, Vlerë Krasniqi
11:45-12:00	Residual Analysis and GMPE Ranking Metrics for Western Balkan Strong Motion Database  Anila Xhahysa, Klajdi Qoshi	Geotechnical studies at a construction site in Porto Romano area, Albania  Endri Duro, Ardita Malaj, Iljana Kero, Skënder Allkja	Turning Soil Contamination into Treasure!!!  Enkelejda Gjinali, Erida Curraj
12:00-12:15	Load testing of new bridges  Hajdar Sadiku, Labeat Misini, Zijadin Guri, Ilir Canaj	Simple approach to damage assessment of rock-earth filled dams  Rezeart Zgjanjolli, Markel Baballëku, Rikard Luka	Presentation of “1FUTURE” Project  Entela Cobani
			<b>Session 6: Engineering Geodesy and Survey Monitoring/Higher Geodesy, Cartography, Photogrammetry and RS/Infrastructure of Geospatial Data and Information (NSDI), GIS, Geomatics and Geoscience</b>  <b>Moderators:</b>  <b>Perparim AMETI, Genti QIRJAZI</b> <b>12:15-13:30</b> <b>16:00-18:00</b>

12:15-12:30	<p>Comparison of Wind Loads on Canopies According to TS 498 and Eurocode 1 Considering Obstruction Ratio under the Roof</p> <p>Zekeriya Aydın, Sinan Şahin , İbrahim Özadıkti</p>	<p>Geological study and safety of construction work: Albanian Practice and the need for improvements.</p> <p>Arjol Lule, Shkëlqim Daja, Besnik Ago</p>	<p>Presentation of “SmartWB” Project</p> <p>Olga Calasan, Genti Qirjazi</p>
12:30-12:45	<p>Analysis and testing of columns reinforced with steel and gfrp bars</p> <p>Zijadin Guri, Gjorgji Kokalanov, Danilo Ristić</p>	<p>Geophysical surveys in order to determine the possibility of concentration of compact marbles in Syrigane locality, Skenderaj Municipality, Kosovo</p> <p>Islam Fejza, Idriz Jata, Lavdim Osmanaj, Astrit Shala</p>	<p>Flood Monitoring Based on the Study of Sentinel-1 SAR Images: Buna River Case Study</p> <p>Freskida Abazaj, Arli Llabani, Gëzim Hasko</p>
12:45-13:00	<p>Technical aspects of sheet pile solutions to prevent and mitigate climate change events</p> <p>Borana Kullolli</p>	<p>Susceptibility of Liquefaction Phenomena Under the Circumstance of 26 November 2019 Earthquake (A case study: Golem area)</p> <p>Shpresa Gashi, Neritan Shkodrani, Alketa Ndoj, Laureta Sharra</p>	<p>State Coordinate Reference Systems of the Republic of Kosova and the Republic of North Macedonia in international EPSG and PROJ databases</p> <p>Bashkim Idrizi</p>
		<p><b>Session 3: Construction Technology and Management/Computational Methods in Civil Engineering/Construction Materials</b></p> <p><b>Moderators:</b></p> <p><b>Elfrida SHEHU, Naser KABASHI</b>  <b>13:00-13:30</b>  <b>16:00-18:15</b></p>	
13:00-13:15	<p>Laboratory Assessment of Performance for Concrete Specimens</p> <p>Artur Roshi, Golubka Nechevska-Cvetanovska, Julijana Bojadjieva,</p>	<p>Albanian Productivity in Construction</p> <p>Altin Seranaj, Agim Seranaj and Altin Piqani</p>	<p>Creation and adjustment of pilot GNSS Active Network and generation of virtual GNSS stations using VRS interpolation method for CORS network stations</p>

	Aleksandra Bogdanovic and Kemal Edip		Genti Qirjazi, Bilbil Nurçe
13:15-13:30	Analysis design and optimization of RC beams according to Eurocode 2 Agon Shaini, Zekirija Idrizi, Isak Idrizi	Impact of delay completion of works to financial S-Curve – Railway rehabilitation project in Kosovo (Fushe Kosove-Hani i Elezit) Valon Veseli, Esat Gashi, Vlorian Bublaku, Donika Xhakli	Assessing of UAVs technology for the documentation and preservation of cultural heritage buildings Almedina Rapuca, Namik Kopliku
13:30-14:30	<b>LUNCH</b>		
<b>“CONSORTIUM” Room</b>			
14:30-15:15	<b>KEYNOTE SPEAKER – LUUK DORREN</b> Climate change and natural hazards: why civil engineering is not enough?		
15:15-16:00	<b>KEYNOTE SPEAKER – FABIO MASI</b> Unlocking the potential of multidisciplinary Nature-based Solutions in designing Sustainable Drainage Systems		
16:00-16:15	Presentation of “KALCEA” Project Alma Afezolli	The methods used for depreciation of infrastructure assets receive extensive attention Diana Bardhi	Comparison of accuracy and performance for determining coordinates of the points using GPS instruments and UAV Technology in urban areas. Arli Llabani, Namik Kopliku
16:15-16:30	Numerical Analysis of Double Extended End-Plate Bolted Connection	Quality management for design and built versus design bid build contracts for infrastructure projects Esat Gashi, Marjan Ivezaj	Challenges and achievements over the years on the Department of Geodesy in Republic of Kosova Fitore Bajrami Lubishtani, Milot Lubishtani

	Anita Gjukaj, Petar Cvetanovski, Ana Trombeva Gavriloska, Ali Muriqi		
<b>16:30-16:45</b>	<b>COFFEE BREAK</b>		
<b>16:45-17:00</b>	Evaluation of Cantilevered Canopy Roofs Designed Considering Wind Loads Defined in TS 498  Zekeriya Aydın, Sinan Şahin, İbrahim Özadikti	Eco-sustainable binder for masonry consolidation  Benedetta Costa, Teresa Liberto, Maurizio Pietro Bellotto, Agathe Robisson	GIS supported methodology for screening of optimal locations for exploitation of renewable energy resources  Subija Izeiroski, Bashkim Idrizi
<b>17:00-17:15</b>	Nonlinear modeling and design of the unreinforced masonry structures  Florim Grajçevci, Agona Ramaj, Fjolla Nicaaj	Concept development for the design of a permeable paving stone  Meriton Ramizi, Johannes Kirnbauer, Teresa Liberto, Agathe Robisson	Interpretation, principle and convenience of the formation of the INTERLIS cadastral data model for Kosovo and their transfer to the current forms of GIS standards  Hebib Alili, Fadil Shehu
<b>17:15-17:30</b>	Influence of Confined Concrete Behavior on RC Moment  Hüseyin Bilgin, Bredli Plaku	Repair Principles for Corrosion-Damaged Reinforced Concrete Structures  Naser Kabashi, Mihrie Bajoku	Managing changes in airspace structure with GIS technology  Senada Mehmeti, Marpol Koço, Edmond Hoxha
<b>17:30-17:45</b>	Damage assessment and retrofiting strategies used in different low- and mid-rise buildings  Arton D.Dautaj, Markel Baballëku	Explosive spalling of concrete under fire load - A review of spalling theory development  Johannes Kirnbauer, Anna-Laura Bund, Agathe Robisson	3D processing of ALS data through FME tools to create 3D  Hebib Alili, Fadil Shehu
<b>17:45-18:00</b>	Resilience Through Probabilistic Fragility Analysis of Smart Steel Moment- Resisting Frame Structure Subjected to Intentional Blast Loading	Development of Interactive Seismic Analysis Kit (ISAK – App) –Building the GUI - for fast parametric model generation of 2D MDOF systems	An overview of geodetic methods for the study of tall infrastructural objects  Artan Rexhepi, Lyubka Pashova, Bashkim Idrizi

	Sardasht S. Weli, Sara M. Elqudah, László Gergely Vigh	Isak Idrizi, Zekirija Idrizi, Blerta Idrizi	
			<p><b>Session 7: Hydraulics Engineering/Hydrology, Flooding and Water Management/Hydraulic Structures and Coastal Engineering</b></p> <p><b>Moderators:</b></p> <p><b>Andrin KERPACI, Figene AHMEDI</b> <b>18:00-20:00</b></p>
<b>18:00-18:15</b>	<p>Seismic Risk in the municipality of Kruja</p> <p>Klajdi Shaholli, Rikard Luka, Markel Baballëku, Renti Haziraj</p>	<p>An algorithm for less! Using scripts to address problems regarding the predesign of reinforced concrete structures</p> <p>Erion Çobani, Albi Alliaj</p>	<p>Expected moments algorithm as a means to calculate log-pearson type 3 distribution parameters in case of gaps in hydrological series: A case study from Vjosa River Basin</p> <p>Santino Spahiu, Enkelejda Gjinali, Andrin Kerpaci</p>
		<p><b>Session 4: Transportation Engineering/ Historical and Monumental Buildings</b></p> <p><b>Moderators:</b></p> <p><b>Ervin PACI, Alma AFEZOLLI</b> <b>18:15-19:15</b></p>	
<b>18:15-18:30</b>	<p>Lab-tests of original and upgraded rc floor-beam and column connections of modern precast hall system</p> <p>Labeat Misini, Jelena Ristic, Viktor Hristovsk, Danilo Ristic</p>	<p>Fragility functions parameter for seismic risk evaluation of highway bridges</p> <p>Iralda Xhaferaj</p>	<p>Probable maximum flood analysis for the Radoniqi Reservoir</p> <p>Lavdim Osmanaj, Laura Kusari, Venera Hajdari</p>

18:30-18:45	<p>Fire resistance analysis of one-way simply supported</p> <p>Fidan Salihu, Fatos Pllana, Meri Cvetkovska</p>	<p>Structural health monitoring based on IoT technology</p> <p>Grigor Angjeliu, Rikard Luka, Markel Baballëku</p>	<p>Evapotranspiration map for Albania</p> <p>Andrin Kerpaci, Ilir Abdullahu</p>
18:45-19:00	<p>Experimental and numerical Analysis of the steel columns under the axial load based on European Design Norms</p> <p>Armend Mujaj, Florim Grajcevc, Driton Kryeziu, Ferit Gashi</p>	<p>Practices in preservation of a historical bridge Case study: Kurçaj Bridge</p> <p>Ergys Çausi, Erdal Emre Çeçen</p>	<p>Intense channel modifications in the Erzen River, Albania, following rapid socio-economical changes</p> <p>Bestar Cekrezi, Guido Zolezzi, Marta Crivellaro</p>
19:00-19:15	<p>Earthquake resistance assessment of RC hospital buildings of the city of Tetova, as a vital unit for the Pollog region</p> <p>Semijal Hasani Ziberi, Idaver Huseini, Lisa Jusufi</p>	<p>Sight distance analyses in road safety design</p> <p>Iralda Xhaferaj</p>	<p>Reuse of Treated Waste Water</p> <p>Sokol Xhafa, Skender Bublaku, Luan Jusufi</p>
19:15-19:30			<p>Elements of complex dynamics in the series of lateral flows in hydropower basins</p> <p>Megi Meta, Dode Prenga</p>
19:30-19:45			<p>Incorporation of the viscoelastic behavior in modelling the water hammer in viscoelastic pipeline and comparison with classical elastic models</p> <p>Fahri Maho</p>

19:45-20:00			Recent Trends of Several High and Low-Lands Rivers in Kosovo and Region  Arban Berisha
20:00-20:30	<b>CONCLUDING REMARKS</b>		

**Saturday, May 20**

**Social Activity**

08:30	<b>Departure form Tirana International Hotel</b>
10:30	<b>Arrival to Berat</b>
10:30-13:30	<b>City tour</b>
13:30-15:30	<b>Lunch – Cobo winery</b>
15:30	<b>Departure from Berat</b>