



SECOND INTERNATIONAL SYMPOSIUM K-FORCE 2019

Tirana, September 9th, 2019

The Faculty of Economy, University of Tirana, Epoka University in Tirana and the University of Novi Sad, are organizing the Second International Symposium Knowledge For Resilient soCiEty -K-FORCE 2019, within Erasmus + K-FORCE project. Thank you for joining this event.

The K-Force project is dedicated to developing and promoting higher education studies in the field of Disaster Risk Management and Fire Safety Engineering (DRM&FSE). The overall broader objective to which K-FORCE project will contribute is to build a sustainable educational foundation in DRM&FSE field in WBCs and ensure national professional resources and regional capacity for resilient society. In the three years of K-FORCE project period, four curricula have been modernized/developed and implemented at WBC partner HEIs.

Natural and man-made disasters, including floods, landslides, earthquakes, storm winds, hail, drought, wildfires and building fires, are on the rise in the last decades in the Western Balkans. Human casualties, extensive damages to the urban areas, negative impact on the environment and further weakening of the regional economy are evidence of increasing vulnerability in the region.

Resilient societies are based on knowledge and training, as well as preparedness. Building synchronized regional capacities in higher education, according to regional needs and contemporary trends, is a first step towards building resiliency of our region. Precisely in the light of these observations, the K-Force project has contributed in promoting and developing higher education studies in the field of DRM&FSE.

In line with the overall objectives of the K-FORCE project, this symposium will be dedicated to discussing current issues in education, science and practice. The new knowledge produced following the strong collaboration between project partners will benefit practitioners, scientists and students working or studying in the field of DRM&FSE.

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AGENDA

Knowledge For Resilient soCiEty

September 9th – OFFICIAL SYMPOSIUM DAY

VENUE: National Historical Museum, UNESCO Hall, SheshiSkënderbej 1

- 09.00-09.30** **REGISTRATION OF PARTICIPANTS**
- 09.30-10.00** **WELCOME NOTE AND OPENING REMARKS**
DhoriKule – Dean, Faculty of Economy, University of Tirana
SokolDervishi – Dean, Faculty of Architecture and Engineering, EPOKAUniversity
Mirjana Laban – Coordinator of K-Force Project, University of Novi Sad
Aida Breti – Coordinator Erasmus + Office in Albania
- 10.00–10.45** **GUEST SPEAKERS**
Dajna Sorensen – Deputy Minister of Finance and Economy
AnuelaRistani – Deputy Governor of Tirana Municipality
OrnelaKulloli – Albanian Financial Supervisory Authority
Leonard Abazaj – FirstGeneration of Students Representatives
- 10.45 - 11.15** **COFFEE BREAK**
- 11.15–12.30** **INVITED LECTURERS**
MirelaKamberi - UNDP Climate Change Program
MeritaMeksi – GIZAlbania
Alba Zhori – WaterResources Management Agency
NensiMehmetajLalaj – NationalAgency of Territorial Planning
- 12.30 – 13.00** **KEYNOTE SPEAKERS**
*Brankica MILOJEVIĆ: **INTEGRATED SPATIAL PLANNING IN FUNCTION OF FLOOD MANAGEMENT IMPLEMENTATION IN BALKAN REGION***
*Srđan POPOV, Ljiljana POPOVIĆ: **INFORMATION INFRASTRUCTURE OF SMART CITIES, EXPERIENCES FROM NOVI SAD***
*Riste VOLCHEV, Nikola POSTOLOV, Cvetanka CHIFLIGANEC, Marijana LAZAREVSKA, Meri CVETKOVSKA: **RC BEAM EXPOSED TO DIFFERENT FIRE MODELS***
- 13.00 –13.15** **K-FORCE GLOSSARY PRESENTATION AND PROMOTION**
- 13.15 – 14.15** **LUNCH BREAK (Buffet lunch at National Museum premises)**
- 14.30** **TRANSFER BY BUS TO EPOKA UNIVERSITY FOR AFTERNOON SESSIONS**
- 15.00 – 17.00** **PAPER SESSIONS (2 parallel sessions)**
- 17.00 – 17.30** **POSTER SESSION and COFFEE BREAK**



PAPER SESSION 1		
MODERATOR: Vladimir Mozer, Meri CVETKOVSKA		
TIME	PRESENTATION	VENUE
15.00 - 15.15	KevinZAÇE, IgorDŽOLEV, AnkaSTARČEV-ĆURČIN, OrmalLISHI, EndritHOXHA: <i>INFLUENCE OF CONCRETE COVER THICKNESS ON FIRE RESISTANCE OF RC BEAMS</i>	<p style="text-align: center;">Epoka University A Building, Room A 130</p>
15.15 - 15.30	Jana MILOVANOVIĆ, Margita VAJOVIĆ, Jovana CVJETKOVIĆ: <i>FIRE SAFETY AND EVACUATION IN INDUSTRIAL FACILITIES. CASE STUDY OF COMPLEX "JAT TEHNIKA"</i>	
15.30 - 15.45	Margita VAJOVIĆ, Jana MILOVANOVIĆ, Jovana CVJETKOVIĆ: <i>FIRE AND LIFE SAFETY IN HOTELS - CASE STUDY COURTYARD BY MARRIOTT, BANJA LUKA</i>	
15.45 - 16.00	IZET MEHMETAJ, ARTEMIS HASA, SOKOL DERVISHI: SIMULATION OF BUILDING EVACUATION: <i>CASE OF AN ELEMENTARY SCHOOL IN TIRANA</i>	
16.00 - 16.15	Matej KADLIC, Vladimír MÓZER, Paulína MAGDOLENOVÁ: <i>APPROACHES OF ENCLOSURE FIRE DEFINITION IN PROGRAMS FDS AND CFAST</i>	
16.15 - 16.30	AndiGJOÇI, SokolDERVISHI, MirjanaLABAN, Slobodan ŠUPIĆ: <i>COMPARATIVE ANALYSIS OF EVACUATION CALCULATION AND PATHFINDER SIMULATION MODEL OF MULTISTORY PUBLIC BUILDING</i>	
16.30 - 16.45	Nikola POSTOLOV, Riste VOLCHEV, Vladimir VITANOV, Koce TODOROV: <i>CODE APPROACHES FOR SEISMIC DESIGN OF PLAN IRREGULAR STRUCTURES</i>	

PAPER SESSION 2		
MODERATOR: Ljiljana POPOVIĆ, Gentiana SHARKU		
TIME	PRESENTATION	VENUE
15.00 - 15.15	Perseta GRABOVA, Xhoana HUDHRA: <i>PERCEPTIONS AND PREPAREDNESS FOR NATURAL DISASTERS. THE CASE OF TIRANA UNIVERSITY STUDENTS</i>	<p style="text-align: center;">Epoka University A Building, Room A 131</p>
15.15 - 15.30	Elona POJANI, Marina POPPA: <i>DISCUSSING FLOOD DAMAGE ASSESSMENT IN THE CASE OF ALBANIA</i>	
15.30 - 15.45	Dorina KOÇI, Eranio DUBARE: <i>THE ROLE OF INTERNATIONAL STAKEHOLDERS IN DISASTER RISK MANAGEMENT - CASE OF FLOOD IN ALBANIA</i>	
15.45 - 16.00	Dorina KRIPA, Dorina AJASLLARI: <i>CURRENT DEVELOPMENTS OF ALBANIAN ENERGY SECTOR</i>	
16.00 - 16.15	Erblina DULLA, Kristian THOMAJ, Leonard ABAZAJ: <i>SEISMIC PROFILE OF SHKODRA REGION</i>	
16.15 - 16.30	Fatma MERXHANI: <i>MULTICRITERIA DECISION ANALYSIS FOR WILDFIRE RISK FOR NOVI SAD, IN SERBIA</i>	



POSTER SESSION		
TIME	POSTER	VENUE
16.30- 17.00	Slobodan ŠUPIĆ, Vlastimir RADONJANIN, Mirjana MALEŠEV: THE USE OF BIOMASS ASH IN THE CONSTRUCTION INDUSTRY AS A WAY TOWARDS A CIRCULAR ECONOMY	<p style="text-align: center;">Epoka University Main Hall, A Building</p>
	Tanja NOVAKOVIĆ, Marija JEVTIĆ, Jovana BONDŽIĆ, Xhesika MUSABELLIU: ADAPTION TO CLIMATE CHANGE - COUNTRIES PERSPECTIVE (A COMPARISON BETWEEN ALBANIA AND SERBIA)	
	Đorđe ĆOSIĆ, Ljiljana POPOVIĆ, Tanja NOVAKOVIĆ, Adelajda RIZAJ, Erisilda SILO: MICROFINANCE PRODUCTS AS TOOL FOR FINANCIAL RESILIENCE TO HAZARDS	
	Ljiljana POPOVIĆ, Katarina ĆURČIĆ, Anja DYLGJERI, Greta XHAKOLLI: MUNICIPALITIES DEVELOPMENT AS INDICATORS OF SOCIO ECONOMIC VULNERABILITY	
	Ormal LISHI, Anka STARČEV-ĆURČIN, Igor DŽOLEV, Erion LUGA, Kevin ZAÇE: COMPARTMENT FIRE MODELLING USING ZONE AND PARAMETRIC FIRE MODELS	
	Marina LATINOVIĆ, Gordana BROĆETA, Žarko LAZIĆ: ASEISMIC MODELING OF THE COLUMN ACCORDING TO EUROPEAN REGULATIONS	
	Gordana BROĆETA, Marina LATINOVIĆ, Žarko LAZIĆ, Dragana ZELJIĆ: EFFECTS OF HIGH TEMPERATURES ON CONCRETE MICROSTRUCTURE	
	Milica JOVANOSKA, Cvetanka CHIFLIGANEC, Koce TODOROV, Vlatko VITANOV, Ana Trombeva GAVRILOSKA: METAMATERIALS IN EARTHQUAKE ENGINEERING	
	Cvetanka CHIFLIGANEC, Meri CVETKOVSKA, Ana T. GAVRILOSKA, Marijana LAZAREVSKA, Milica JOVANOSKA: TCC FLOOR IN FIRE	
	Danijela MATIĆ, Rijad ŠIŠIĆ, Jovana BONDŽIĆ: RISK ASSESSMENT OF REMAINING UNEXPLODED ORDNANCE AND DEVICES NEAR THE SETTLEMENTS	
	Nikola RESIMIĆ, Mirjana LABAN, Edisa NUKIĆ: THE ROLE OF SOCIAL NETWORKS IN PREPAREDNESS AND RESPONSE TO DISASTERS	
	Branislav OSTOJIĆ, Milomir KARANOVIĆ, Nataša DODIĆ, Srđan NIKOLIĆ, Saša SPAIĆ: GRAIN CROP STUBBLE FIRES IN SOUTH BAČKA DISTRICT IN THE PERIOD 2014-2018	
	Marjena MEGA, Milenko VUKŠA, Božana MAJKIĆ, Branislav PANJAK, Saša SPAIĆ: NUMBER OF TOTAL FIRES AND SILO FIRES IN SOUTH BAČKA DISTRICT IN THE PERIOD 2014-2018	
	Tanja Krunić: THE USE OF MATHEMATICAL MODELLING FOR DETERMINING THE BUDGET OF A FOREST FIRE PREVENTION CAMPAIGN	
Fatmira SHAMETAJ, Mariola KAPIDANI: FLOOD RISK MANAGEMENT BASED ON RISK SCENARIOS FOR VJOSA RIVER, ALBANIA		



	Matilda SHEHU (TOLA) Lorena BEZO (BALILI): IMPLEMENTING MDCD AHP IN TECHNOLOGY SELECTION PROJECT- RENEWABLES CASE STUDY	
	Llesh LLESHAJ, Egerta MARKU: IDENTIFICATION OF ENDOGENOUS FACTORS IN REAL ESTATE MARKET: CASE OF TIRANA, ALBANIAN CAPITAL CITY	
	Luisa GIULIANI, Lorenzo BELTRANI, Jan KARLSHØJ: IT TEACHING TOOLS FOR BUILDING FIRE SAFETY	
	Mirjana LABAN, Jelena MARKOVIĆ, Nikola OSTOJIĆ: MANAGING THE FIRE RISK IN THE OILSEEDS STORAGE	
	Frank MARKERT, Lars Schjøtt SØRENSEN: FIRE DYNAMICS AND FIRE CHEMISTRY EXPERIMENTS AT DTU FIRELAB	