



SETOF CONFERENCE PROGRAM	
09.30 – 10.00	REGISTRATION
10.00 – 10.15	SETOF CONFERENCE OPENING Nada Dragović, project coordinator Ratko Ristić, vice-rector of the University of Belgrade
TOPIC 1. SOIL EROSION ASSESSMENT – MECHANISM/PROCESSES, MODELING, AND MAPPING	
10.15 – 10.45	TORRENTIAL FLOODS PREVENTION Ratko Ristić, Jasna Plavšić, Marijana Kapović Solomun, Aleksandar Drobnjak, Siniša Polovina
10.45 – 11.00	STUDY OF SOIL CHARACTERISTICS IN SEDELSKA RIVER WATERSHED Kameliya Petrova, Blagoy Koichev
11.00 – 11.15	UTILIZATION SUITABILITY INDEX (USI) OF TECHNOSOLS: CASE STUDY OF KAKANJ MUNICIPALITY Emira Hukić, Muhamed Bajrić, Hamid Čustović, Melisa Ljuša, Kristina Kovačević
11.15 – 11.30	RISK ASSESSMENT OF SOIL EROSION IN THE AREA OF THE SOURCE OF WATER SUPPLY RZAV Ana Stojanović, Tijana Vulević, Siniša Polovina, Nada Dragović, Mirjana Todosijević
11.30 – 11.45	MODIFICATION OF SOME PARAMETERS IN EPM AND RUSLE METHODOLOGY Ivan Blinkov, Aleksandar Trendafilov, Dusko Mukaetov, Ivan Minchev, Bozin Trendafilov
11.45 – 12.15	COFFEE BREAK
12.15 – 12.30	USE OF INEXPENSIVE UAV SYSTEMS FOR ENVIRONMENTAL APPLICATIONS (CASE STUDIES REVIEW) Ivan Minchev
12.30 – 12.45	EVALUATION OF VULNERABILITY TO SOIL EROSION USING GIS AND AHP CONSENSUS MODEL Milica Vranešević, Boško Blagojević, Atila Bezdan, Radovan Savić, Aleksandar Baumgertel
12.45 – 13.00	CHARACTERISTICS OF DYSTRIC CAMBISOL IN THE FOREST MANAGEMENT UNIT "LISINA" Ilija Čigoja, Marijana Kapović Solomun
TOPIC 2. TORRENTIAL FLOODS – GENESIS, IMPACTS, RISKS	
13.00– 13.15	THE METHOD OF CRITICAL POINTS AS A TOOL FOR IDENTIFYING FLOOD RISKS IN THE CZECH REPUBLIC Miroslav Dumbrovský
13.15 – 13.30	PRIORITIZATION OF TORRENTIAL FLOODS VULNERABLE WATERSHEDS UPSTREAM FROM THE "ROVNI" WATER RESERVOIR USING TOPSIS METHOD Natalija Momirović, Tomislav Stefanović, Tijana Vulević, Nada Dragović, Stanimir Kostadinov, Katarina Lazarević, Sonja Braunović
13.30 – 14.30	LUNCH BREAK
14.30 – 15.15	POSTER PRESENTATIONS



TOPIC 3. PREVENTION AND MANAGEMENT OF SOIL EROSION AND TORRENTIAL FLOODS	
15.30 – 15.45	THE INFLUENCE OF THE STRUCTURAL CHARACTERISTICS OF THE STAND ON THE WATER REGIME ON THE EXAMPLE OF SCOTS PINE FOREST CULTURE ON LIMESTONE IN SOUTHWESTERN BOSNIA Adnan Hodžić, Ćemal Višnjić, Muhamed Bajrić, Mirjana Todosijević
15.45 – 16.00	ON THE CONNECTION BETWEEN STANDARDIZATION AND SOIL EROSION AND PREVENTION OF FLASH FLOODS Dejan Vasović, Snežana Živković, Tatjana Golubović, Slobodan Milutinović
16.00 – 16.15	IMPACT OF PROTECTIVE FOREST BELTS ON WIND SPEED REDUCTION AND AIR TEMPERATURE CHANGE, A CASE STUDY Aleksandar Baumgertel, Sara Lukić, Milica Caković, Stefan Miletić
TOPIC 4. MANAGEMENT OF SUSTAINABLE DEVELOPMENT IN DEGRADED AREAS	
16.15 – 16.30	NATURE-BASED DISASTER RISK REDUCTION IN SERBIA Miodrag Zlatić, Stanimir Kostadinov
16.30 – 16.45	THE EVALUATION OF ECOSYSTEM SERVICES - DEVELOPMENT OF THE METHODOLOGY IN SERBIA Mirjana Todosijević, Gordana Krsmanović, Katarina Lazarević, Nada Dragović, Tijana Vulević
16.45 – 17.00	APPLICATION OF SIMPLE ADDITIVE WEIGHTING METHOD FOR SELECTION OF APPROPRIATE MEASURES IN THE REHABILITATION OF THE LANDSLIDE Jovana Cvetković, Tijana Vulević, Grozdana Gajić, Nikola Živanović, Vukašin Rončević
17.00 – 18.00	FINAL DISCUSSION AND CLOSURE OF THE SETOF CONFERENCE



POSTER PRESENTATIONS

TOPIC 1. SOIL EROSION ASSESSMENT – MECHANISM/PROCESSES, MODELING, AND MAPPING	
1.	DRIPPING RAINFALL SIMULATORS DESIGN FOR SOIL RESEARCH Vukašin Rončević, Nikola Živanović, Ratko Ristić, John van Boxel, Milica Kašanin-Grubin
2.	EXPERIMENTAL RESEARCH OF SOIL RESISTANCE USING PORTABLE FIELD RAINFALL SIMULATOR Nikola Živanović, Vukašin Rončević, Stevan Ćorluka, Vladimir Čebašek, Milica Kašanin-Grubin, Snežana Štrbac, Nevena Antić
3.	WATEM/SEDEM VERIFICATION BY SOIL TRUNCATION METHOD (MOSCOW REGION, RUSSIA) Daria Fomicheva, Nadezhda Ivanova, Andrey Zhidkin, Evgeniya Shamshurina
4.	USING POLYMERS TO REDUCE WATER EROSION IN SOILS Ekaterina Dorogaya, Ruslan Suleymanov
5.	APPLICATION OF THE RUSLE MODEL IN THE ASSESSMENT OF SOIL EROSION USING THE RCP 8.5 CLIMATE SCENARIO Siniša Polovina, Boris Radić, Ratko Ristić, Vukašin Milčanović, Nikola Živanović
6.	SOIL EROSION RATES BASED ON ANATOMICAL CHANGES IN EXPOSED ROOTS – CASE STUDY FROM SOUTHWEST BULGARIA Dimitar Dimitrov, Eli Pavlova-Traykova
TOPIC 2. TORRENTIAL FLOODS – GENESIS, IMPACTS, RISKS	
8.	STUDY ON WATER RUNOFF AT ECOLOGICAL STATION “IGRALISHTE” Eli Pavlova-Traykova
9.	GIS APPLICATION FOR HYDROLOGICAL FEATURES PREVIEW OF FLOODPLAIN FORESTS Vesna Nikolić Jokanović, Dušan Jokanović, Radovan Savić, Aleksandar Anđelković
TOPIC 3. PREVENTION AND MANAGEMENT OF SOIL EROSION AND TORRENTIAL FLOODS	
10.	MODELLING OF A TORRENT CHECK DAM IN THE DUBOKI POTOK BASIN Gordana Đukanović, Aleksandar Anđelković, Đorđe Đorđević, Vesna Nikolić Jokanović
11.	THE INFLUENCE OF THE FUNCTIONALITY OF WATER-PERMEABLE STRUCTURES ON MOUNTAIN WATERCOURSES AND THE PRIMARY NETWORK OF FOREST TRANSPORT INFRASTRUCTURE Amina Čaluk, Muhamed Bajrić, Emira Hukić, Nada Dragović
TOPIC 4. MANAGEMENT OF SUSTAINABLE DEVELOPMENT IN DEGRADED AREAS	
12.	INTEGRATED WATERSHED MANAGEMENT – TRENDS AND PERSPECTIVES Filip Vasić, Miodrag Zlatić, Nada Dragović, Nikola Jovanović, Milica Čaković
13.	AN ECOSYSTEM APPROACH TO NATURAL RESOURCE MANAGEMENT: CASE STUDY OF THE TOPČIDERSKA RIVER, SERBIA Katarina Lazarević, Mirjana Todosijević, Natalija Momirović, Nada Dragović, Ranka Erić