

SCHEDULE
OF THE SYMPOSIUM
KARST 2018 - EXPECT THE UNEXPECTED
Trebinje 6-9 June 2018

6 JUNE	13:00-15:30	Registration	<i>Ground floor - Trebinje Cultural Centre</i>
	15:30-16:30	Opening Ceremony	<i>First floor - Trebinje Cultural Centre</i>
	16:30-17:50	Invited Speakers Derek Ford and Richard R. Parizek	<i>First floor - Trebinje Cultural Centre</i>
	17:50-18:45	Cultural programme and Award Ceremony	<i>First floor - Trebinje Cultural Centre</i>
	18:45-21:00	Cocktail party	<i>Roof - Trebinje Cultural Centre</i>

7 JUNE	9:30-21:00	Whole day excursion	<i>"The Upper Horizons" of Trebišnjica Hydro Energy Power System</i>
		Dinner	<i>Mosko restaurant</i>

8 JUNE	9:00-10:30	Key Note and selected papers	<i>Ground floor of HET – Big and Small Hall</i>
	10:30-11:00	Coffee Break	<i>Ground floor of HET</i>
	11:00-12:30	Selected papers	<i>Ground floor of HET – Big and Small Hall</i>
	12:30-14:00	Lunch Break	<i>Trebinje city</i>
	14:00-16:00	Key Note and selected papers	<i>Ground floor of HET – Big and Small Hall</i>
	16:00-16:30	Coffee Break	<i>Ground floor of HET</i>
	16:30-17:30	Selected papers	<i>Ground floor of HET – Big Hall</i>
	16:00-18:00	Poster session	<i>Ground floor of HET</i>
	20:30-24:00	Gala dinner	<i>Hotel Leotar</i>

9 JUNE	10:00-10:45	Closing ceremony	<i>Ground floor of HET – Big Hall</i>
	11:00-13:00	Round table: "Environmental Impact of HPP Dabar Constructions"	<i>Ground floor of HET – Small Hall</i>

8 JUNE
DETAILED AGENDA

	Big Hall of HET	Small Hall of HET
9:00- 9:30	Key Note - Lu Yaoru ----- THE GEO-ENVIRONMENTAL PROBLEMS IN KARST REGIONS OF CHINA	Key Note - Ralf Benischke ----- KARST WATER RESOURCES OF AUSTRIA, HYDROGEOLOGICAL ASPECTS AND PROBLEMS
9:30-9:45	Ognjen Bonacci ----- ANALYSES OF VRANA LAKE (ISLAND OF CRES, CROATIA) MEAN ANNUAL WATER LEVEL	Nataša Ravbar, Metka Petrič, Blaž Kogovšek, Matej Blatnik, Cyril Mayaud ----- HIGH WATERS STUDY OF A CLASSICAL KARST POLJE – AN EXAMPLE OF THE PLANINSKO POLJE, SW SLOVENIA
9:45- 10:00	Staša Borović, Josip Terzić & Kosta Urumović ----- INSTALLATION OF GROUND- AND WATER-SOURCE HEAT PUMPS IN KARST TERRAINS (CASE STUDIES FROM CROATIA)	Aleksey Benderev, Stefan Shanov, Konstantin Kostov, Pavlina Gyaurova, Svetoslav Marinov, Ivaylo Ivanov, Iren Ilieva & Valentin Valev ----- KARST AND HYDRAULIC CONSTRUCTION IN BULGARIA
10:00- 10:15	Nenad Jaćimović, Tina Dašić, Miloš Stanić, Nedeljko Sudar, Petar Milanović, Branislav Đorđević ----- WATER BALANCE ANALYSIS OF THE KARST FIELD BY DISTRIBUTED HYDROLOGICAL MODELING	Romeo Eftimi ----- KARST AND KARST WATER RESOURCES OF ALBANIA
10:15- 10:30	Adrian Iurkiewicz, Iulian Popa, Marius Mocuța ----- GROUNDWATER MANAGEMENT VS ANTHROPIC STRESSES IN A PROTECTED AREA: CASE OF PEȚA LAKE, ORADEA - BĂILE FELIX – 1 MAI SPA, ROMANIA	Milan M. Radulović ----- FIRST PRESENTATION OF MODIFIED POINT DILUTION TEST FOR ASSESSMENT OF GROUNDWATER FLUX IN KARST AQUIFERS
10:30- 11:00	Coffee Break	Coffee Break
11:00- 11:15	Francesco Fiorillo, Libera Esposito, Gianni Testa, Sabatino Ciarcia, Mauro Pagnozzi ----- THE UPWELLING WATER FLOW FEEDING KARST SPRINGS	Jelena Čalić ----- OPEN QUESTIONS IN KARST GEOMORPHOLOGY: DISCUSSIONS ON KARSTIC UVALAS
11:15- 11:30	Thomas Dietler ----- SOME ASPECTS OF KARST DEVELOPMENT IN CARBONATE SEDIMENTS OF THE SHAN-PLATEAU IN MYANMAR (BURMA)	Konstantin Kostov, Nikolay Dobrev, Nataliya Kostova ----- THE SHOW CAVES IN NORTH BULGARIA: POSSIBILITIES FOR TECTONIC MONITORING

11:30-11:45	Mihael Brenčič, Mateja Jelovčan, Ines Vidmar 170 YEARS LONG CONTINUOUS RECORD OF PLANINSKO POLJE (CENTRAL SLOVENIA) FLOODING – PRELIMINARY ANALYSIS OF DATA SERIES	Igor Jemcov, Jovana Šišović, Ana Mladenović, Marina Ćuk TIME SERIES FOR IMPACT ANALYSIS OF GROUT CURTAIN ON HYDRAULIC BEHAVIOR IN KARST
11:45-12:00	Junbing Pu, Jianhong Li, Tao Zhang, George Veni & Daoxian Yuan VERTICAL DISTRIBUTION OF DISSOLVED INORGANIC CARBON IN A KARST GROUNDWATER-FED SURFACE WATER RESERVOIR IN GUANGXI, SOUTH CHINA	Marjan Temovski & László Palcsu GEOCHEMICAL CHARACTERISTICS OF SOME THERMAL KARST SPRINGS – INSIGHT INTO THE HYPOGENE KARST SYSTEMS IN MARIOVO, MACEDONIA
12:00-12:15	Andrey D. Kochev, Pavel L. Kopytin & Nikita A. Kochev KARST SUFFOSION PROCESSES IN MOSCOW CITY AND THE PROBLEM OF EVALUATING THEIR HAZARD	Metka Petrič, Marina Gacin, Nataša Ravbar & Petra Gostinčar GIS DATABASE OF TRACER TESTS CARRIED OUT IN THE SLOVENIAN KARST
12:15-12:30	Valerii Kataev & Irina Ermolovich GEOLOGICAL INDICATORS OF ACTIVE KARST IN THE REGIONS OF SULFATE-CARBONATE STRUCTURE (PERM REGION, RUSSIA)	Marinović Veljko & Zoran Stevanović THE SPECIFIC ROLE OF KARST AQUIFERS IN THE HYDROGEOLOGICAL SECTIONS OF RIVER BASIN MANAGEMENT PLANS
12:30-14:00	Lunch Break	Lunch Break
14:00-14:30	Key Note - Zoran Stevanović KARST WATERS IN POTABLE WATER SUPPLY – THE WORLD SCALE OVERVIEW	Key Note - Neno Kukurić DIKTAS: INTERNATIONAL GROUNDWATERS OF DINARIDES
14:30-14:45	Hilary Drew & Zoran Mateljak STREAMS OF INCOME AND JOBS: THE ECONOMIC SIGNIFICANCE OF THE NERETVA AND TREBIŠNJICA RIVER BASINS	Zlatko Ilijovski, Marija Makeshoska & Pero Jokanovich HYDROGEOLOGICAL CHARACTERISTICS OF THE CARBONATE COMPLEXES IN REPUBLIC OF MACEDONIA
14:45-15:00	Željko Zubac, Boban Jolović & Vedran Furtula “MID HORIZONS” – POSSIBLE WAY OF WATER UTILIZATION FROM CERNIČKO POLJE AND GATAČKO POLJE IN HYDROENERGY PURPOSE	Elena Drobinina, Tatyana Kovaleva & Anna Koriakina INVESTIGATION OF THE LOCAL VARIATION OF PHYSICAL AND MECHANICAL PROPERTIES OF THE COVERING DEPOSITS IN ORDER TO HAZARD ASSESSMENT OF KARST (ON THE EXAMPLE OF SULFATE-CARBONATE KARST OF PERMSKY KRAY, RUSSIA)

15:00-15:15	<p align="center">Dragoslav Banjak</p> <hr/> <p align="center">INVESTIGATION OF HYDROCHEMICAL CHARACTERISTICS OF THE TREBIŠNJICA RIVER CATCHMENT USING MULTIVARIATE STATISTICAL ANALYSIS</p>	<p align="center">Evgeny Erofeev & Valery Kataev</p> <hr/> <p align="center">ESTIMATIVE KARST INTERPRETATION OF SATELLITE IMAGES OF THE SOUTH – SOUTH-EASTERN DISTRICTS OF PERM REGION</p>
15:15-15:30	<p align="center">Stefan Shanov & Stanka Šebela</p> <hr/> <p align="center">MICRO-TECTONIC MOVEMENTS IN POSTOJNA CAVE (SLOVENIA) AND EARTHQUAKE ACTIVITY</p>	<p align="center">Tayebe Meshkat, Daryush Mahjoob Farshchi & Esmaeel Ebtekar</p> <hr/> <p align="center">EVALUATION OF EVAPORITE KARSTIC CHALLENGE IN GOTVAND DAM RESERVOIR</p>
15:30-15:45	<p align="center">Nikolay Maksimovich & Olga Meshcheriakova</p> <hr/> <p align="center">THE EXPERIENCE OF THE DAM CONSTRUCTION ON GYPSUMBEARING ROCKS (IN THE TERRITORY OF THE FORMER USSR)</p>	<p align="center">Arunangshu Mukherjee & Devinder K. Chadha</p> <hr/> <p align="center">EXPLORATION DRIVEN GROUNDWATER MANAGEMENT PLAN FOR KARST DOMINATED SMALL ISOLATED GEOLOGICAL BASIN OF CENTRAL INDIAN CRATON</p>
15:45-16:00	<p align="center">Sergey Shcherbakov</p> <hr/> <p align="center">COVERED KARST LANDFORMS: COMPLEXIFICATION OF METHODS TO ESTIMATION OF MORPHOMETRIC PARAMETERS IN ENGINEERING PURPOSES</p>	<p align="center">Ali Aalianvari & Tayebe Meshkat</p> <hr/> <p align="center">IMPACT OF KARST FEATURES ON WATER INFLOW INTO TUNNEL CASE STUDY: ZAGROS TUNNEL-IRAN</p>
16:00-16:30	Coffee Break	Coffee Break
16:30-16:45	<p align="center">Mauro Pagnozzi Libera Esposito & Francesco Fiorillo</p> <hr/> <p align="center">COMPARISON BETWEEN SOME KARST SYSTEMS IN SOUTHERN ITALY TYPIFIED BY DIFFERENT HYDROLOGICAL BEHAVIOR</p>	
16:45-17:00	<p align="center">Momčilo Blagojević, Zoran Stevanović & Milan Radulović</p> <hr/> <p align="center">TRANSBOUNDARY GROUNDWATER RESOURCE MANAGEMENT – MONITORING OF CIJEVNA RIVER BASIN (MONTENEGRO – ALBANIA)</p>	
17:00-17:15	<p align="center">Petrović Branislav</p> <hr/> <p align="center">INTRINSIC GROUNDWATER VULNERABILITY ASSESSMENT OF SUVA PLANINA MT. (SE SERBIA)</p>	

16:00-18:00	<u>Poster session</u> <u>Ground floor of HET</u>	
16:00-18:00	Marijana Petrović, Nela Petronijević, Nenad Nikolić, Slobodan Knezević, Miodrag Kezović, Miroslav Sokić & Branislav Marković <hr/> HYDROGEOLOGICAL POTENTIAL OF MIOCENE LIMESTONES OF SOUTHERN PART OF THE KOLUBARA COAL BASIN	Iancu Orășeanu <hr/> HEAD AND TEMPERATURE CHANGES INDUCED BY EARTH-TIDE IN FELIX - 1 MAI -ORADEA THERMAL AQUIFER (BIHOR, ROMANIA)
16:00-18:00	Zoran Nikić, Ratko Ristić, Nenad Marić & Vukašin Milčanović <hr/> THE ROLE OF KARST IN REDISTRIBUTION OF WATER RESOURCES: VODENIČKA RIVER BASIN, STARA PLANINA – SERBIA	Vaso Mrvaljević & Milan Vlahović <hr/> USING EPIK METHODS IN THE ASSESSMENT OF GROUNDWATER VULNERABILITY OF CATCHMENT OF THE NIKŠIČKO POLJE
16:00-18:00	Veljko Marinović & Branislav Petrović <hr/> PRELIMINARY CHARACTERIZATION OF SELJAŠNICA KARST AQUIFER (SW SERBIA) BASED ON RECESSION CURVE ANALYSIS	Petar Dokmanović & Veljko Marinović <hr/> HYDROGEOLOGICAL FEATURES OF THE VALJEVO KARST AREA (WESTERN SERBIA)
16:00-18:00	Milorad Kličković <hr/> KARST HYDROGEOLOGICAL SYSTEM KALIPOLJE – BUKOVIK (JAVOR MOUNTAIN, SOUTHWESTERN SERBIA)	Peter Gerginov, Evelina Damyanova, Tatiana Orehova & Kamelia Kroumova <hr/> SPECIFIC FEATURES OF THE KARST SPRING PALILULA IN NORTHWEST BULGARIA
16:00-18:00	Milan Vlahović, Petar Milanović & Vaso Mrvaljević <hr/> ALTERNATIVE SOLUTIONS FOR THE CLOSING OF PONORS IN SLANO RESERVOIR IN THE NIKŠIČ POLJE	Petar Dokmanović, Zoran Stevanović & Saša Milanović <hr/> HYDROGEOLOGICAL RISK FACTORS OF DAM AND RESERVOIR CONSTRUCTION IN KARST TERRAINS – “THREE DAMS IN THREE GORGES” IN SERBIA
	Silvana Magni <hr/> DISSOLUTION PROCESS: WHEN DOES THE PROCESS START?	Eugenia Tarassova, Zhivka Janakieva & Mihail Tarassov <hr/> SPELEOTHEMS STORED IN THE “EARTH AND MAN” NATIONAL MUSEUM, SOFIA, BULGARIA
20:30-24:00	<u>Gala dinner</u> <u>Hotel Leotar</u>	