

Water Resources Management: New Perspectives and Innovative Practices

International Symposium

23-24 September 2021, Novi Sad, Serbia

Venue: University of Novi Sad



Time zone: CEST (UTC+2)

Thursday, 23rd September 2021

University of Novi Sad, Faculty of Technical Sciences

08:30-09:00	Participant's registration	
Opening session		
09:00-09:10	Opening message from the University of Novi Sad	Dejan Ubavin, University of Novi Sad, Faculty of Technical Sciences
09:10-09:20	Ministry of Environmental Protection of the Republic of Serbia	Ivana Hadži Stošić, State Secretary
09:20-09:40	EU water policies and knowledge development between the EU commission and the Western Balkan region	Vasileios Tyriakidis, PhD, Policy Officer, Clean Water, Directorate – General for the Environment

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09:40-10:00	Water resources management in Western Balkans: challenges and opportunities	Milan Gocić, Coordinator, SWARM project, University of Niš
Keynotes		
10:00-10:20	Global Sanitation Graduate School	Prof. Damir Brđanović, Delft University of Technology
10:20-10:40	Flood Risk, Resilience and Resistance	Prof. Giuseppe Tito Aronica, University of Messina
10:40-11:00	Break	
Strengthening water resources management in the Western Balkans		
11:00-11:20	Sharing innovative practices from the EU water sector to Western Balkans	Michael Tritthart, University of Natural Resources and Life Sciences, Vienna
11:20-11:40	Harmonising water resource management curricula between EU and Western Balkans	Skoulikaris Charalampos, Panagiotis Prinos, Aristotle University of Thessaloniki
11:40-12:00	Lifelong Learning – a key to skills upgrade in the water sector	Jelena Đokić, University of Pristina in Kosovska Mitrovica Olivera Gavrilović, Jelena Vojvodić, Public Water Management Company “VodeVojvodine”
12:00-12:15	Break	
12:15-12:30	SWARM initiative – three successful years of collaboration in water resources management between EU and Western Balkans	Emina Hadžić, University of Sarajevo Mili Selimotić, DzematBijedic University of Mostar Goran Sekulić, University of Montenegro

12:30-12:45	Building sustainability in water resources management higher education	Milan Gocić, University of Niš Jelena Rajović, Academy of Applied Sciences of Kosovo and Metohija Maja Petrović, University of Novi Sad
12:45-13:00	Communicating water resources management in Western Balkans: best practices and lessons learned	Ljiljana Jevremović, University of Niš Slaviša Trajković, University of Niš
13:00-14:00	Lunch	
First session		
Session Chair: Emina Hadžić, University of Sarajevo		
14:00-14:15	Water resources management in urban areas	Emina Hadžić, Hata Milišić, Suvada Šuvalija
14:15-14:30	Suitability assessment of photocatalytic treatment for pharmaceutical removal – Strength, weakness, opportunities and threats (SWOT) analysis	Mladenka Novaković, Ivana Mihajlović, Goran Štrbac, Dragana Štrbac, Maja Petrović
14:30-14:45	Water quality evaluation in Bovan reservoir for irrigation purpose	Milica Marković, Mladen Milanović, Slaviša Trajković
14:45-15:00	Break	
15:00-15:15	Wastewater treatment using halloysite/biopolymer nanocomposite	Davut Lacin, Vesna Teofilović, Sezen Kucuk, Jelena Pavličević, Ayse Z. Aroguz
15:15-15:30	Tracing the nitrogen source in groundwater	Marija Perović, Vesna Obradović, Branislava Matić, Dragica Vulić
15:30-15:45	Water quality assessment of rural water supplies otherwise and after the flood on the territory of the City of Kraljevo and the municipality of Vranjackska Banja	Irma Dervišević, Almin Dervišević, Milica Tomović, Jovana Galjak

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15:45-16:00	Break	
Second session		
Session Chair: Jelena Đokić, University of Pristina in Kosovska Mitrovica		
16:00-16:15	Predicting formation of disinfection by-products under Climate Change uncertainties	Zakhar Maletskyi, Harsha Ratnaweera
16:15-16:30	Multi criteria analysis for prioritization of investments for reconstruction and modernization of irrigation infrastructure	Slavka Bogdanova, Petar Filkov
16:30-16:45	Horizontal legislation in environmental protection, case study: Student participation in making a decision for water resource management	Zorica Filipović, Ivana Lukić, Mladen Milanović
16:45-17:00	Break	
17:00-17:15	The fundamentals of risk assessments on the geohazard consequences	Elvis Žic, Nevenka Ožanić
17:15-17:30	Overview of input data for quantitative risk analysis from the consequences of geohazard	Elvis Žic, Nevenka Ožanić
17:30-17:45	Visualization of average annual precipitation in Serbia for the period from 1946 to 2019	Miljan Jeremić, Milan Gocić

Friday, 24th September 2021

University of Novi Sad, Faculty of Technical Sciences

08:30-09:00	Participant's registration	
Keynotes		
09:00-09:20	Green Development and Water Resources Management	Prof. Elpida Kolokytha, Aristotle University of Thessaloniki
09:20-09:40	Climate-resilient regions through systemic solutions and innovations	Prof. Chrysi Laspidou, University of Thessaly (Greece), Vice-president of research & technology – Water Europe (Belgium)
09:40-10:00	Managing risks from digitalisation in the water sector	Prof. Harsha Ratnaweera, Norwegian University of Life Sciences
10:00-10:15	Break	
Third session		
Session Chair: Barbara Karleuša, University of Rijeka		
10:15-10:30	Perspectives of a climate crisis: higher risks from global to a small island environment	Luis Angel Espinosa, Maria Manuela Portela
10:30-10:45	Simulation of ungauged basins in climate change conditions	Charalampos Skoulirakis, Panagiotis Kotsalis
10:45-11:00	Nature based stormwater management solutions for housing area – Case study of roof garden implementation	Danijela Milanović, Borislava Blagojević, Ljiljana Vasilevska
11:00-11:15	Break	

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11:15-11:30	Possibilities of application of HEC RAS two-dimensional models for prediction of bridge pier scour	Milena Ostojić, Ivana Čipranić, Goran Sekulić
11:30-11:45	Natural water retention measures contribution to integrated transboundary Tisza River basin management-environmental and flood risk management objectives synergy	Branislava Matić, Marija Perović, Dragica Vulić
11:45-12:00	Master's thesis in the field of hydrotechnical engineering at the Faculty of civil engineering (University of Rijeka) – Good practice examples	Ivana Sušanj Čule, Barbara Karleuša, Bojana Horvat, Nevenka Ožanić
12:00-13:00	Break	
Young professionals in the water sector Moderator: Naomi Timmer, H2O People		
13:00-13:15	Young Water Professionals chapter in Serbia	Stevo Lavrnić, University of Bologna
13:15-13:30	IAHR Young Professionals Networks	Daniel Wildt, University of Natural Resources and Life Sciences, Vienna
13:30-13:45	European Junior Water Programme	Naomi Timmer, H2O People
13:45-14:00	UNESCO's Intergovernmental Hydrological Programme (IHP) Phase Nine (IHP IX): Priority Areas and the contribution of UNESCO Chairs	Skoulikaris Charalampos, Aristotle University of Thessaloniki
14:00-14:15	Break	
Partnerships for sustainable management of water resources Moderator: Zakhar Maletskyi, Norwegian University of Life Sciences		
14:15-14:30	Water Harmony – a global partnership for water education and research	Harsha Ratnaweera, Norwegian University of Life Sciences



14:30-14:45	SENVIBE – Strengthening educational capacities by building competences and cooperation in engineering subjects	Ivana Kovačić, University of Novi Sad
14:45-15:00	WaSo Africa – Promoting value of water through international cooperation	Ronald Semyalo, Makerere University, Uganda
15:00-15:15	Harmonising teaching and pedagogical approaches in water related graduate education between Asia and Europe	S. B. Weerakoon, University of Peradeniya, Sri Lanka
Concluding session		
15:15-15:45	Conclusions from the Symposium	Milan Gocić, University of Niš

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