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Symposium “Water Resources Management: New Perspectives and Innovative Practices”

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University of Niš / University of Novi Sad

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Strengthening of master curricula in water resources
management for the Western Balkans HEIs and stakeholders

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Water Resources Management:
New Perspectives and Innovative Practices

International Symposium

23-24 September 2021, Novi Sad, Serbia



Strengthening of master curricula in water resources management
for the Western Balkans HEIs and stakeholders

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Venue: University of Novi Sad, Faculty of Technical Sciences

Trg Dositeja Obradovića 6, Novi Sad



THE MAIN ENTRANCE (FROM THE STUDENT SQUARE)



THE BACK ENTRANCE (PARKING AVAILABLE)

Strengthening of master curricula in water resources management
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Thursday, 23 rd September 2021		
University of Novi Sad, Faculty of Technical Sciences		
08:30-09:00	Participant's registration	
Welcome messages		
09:00-09:20	Opening message from the University of Novi Sad	
09:20-09:40	Water resources management in Western Balkans: challenges and opportunities	Milan Gocić, Coordinator, SWARM project, University of Niš
Plenary speakers		
09:40-10:20	Global Sanitation Graduate School	Damir Brđanović, Delft University of Technology
10:20-11:00	Flood Risk, Resilience and Resistance	Giuseppe Tito Aronica, University of Messina
11:00-11:30	Coffee break	

Strengthening water resources management in the Western Balkans		
11:30-11:45	Sharing innovative practices from the EU water sector to Western Balkans	Michael Tritthart, University of Natural Resources and Life Sciences, Vienna
11:45-12:00	Harmonising water resource management curricula between EU and Western Balkans	Panagiotis Prinos, Aristotle University of Thessaloniki
12:00-12:15	Lifelong Learning – a key to skills upgrade in the water sector	Jelena Đokić, University of Pristina in Kosovska Mitrovica Olivera Gavrilović, Public Water Management Company "Vode Vojvodine"
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 Selimović, Dzemal Bijedic 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, Technical College of Applied Sciences Urosevac Leposavic 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:		
14:00-14:15	Water resources management in urban areas	Emina Hadžić, Hata Milišić, Suvada Šuvalija
14:15-14:30	Water quality evaluation in Bovan reservoir for irrigation purpose	Milica Marković, Mladen Milanović, Slaviša Trajković
14:30-14:45	Water quality assessment of rural water supplies otherwise and after the flood on the territory of the City of Kraljevo and the municipality of Vranjaska Banja	Irma Dervišević, Almin Dervišević, Milica Tomović, Jovana Galjak
14:45-15:00	Wastewater treatment using halloysite/biopolymer nanocomposite	Davut Lacin, Vesna Teofilović, Sezen Kucuk, Jelena Pavličević, Ayse Z. Aroguz
15:00-15:15	Tracing the nitrogen source in groundwater	Marija Perović, Vesna Obradović, Branislava Matić, Dragica Vulić
15:15-15:30	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
15:30-16:00	Coffee break	

Second session		
Session Chair:		
16:00-16:15	Multi criteria analysis for prioritization of investments for reconstruction and modernization of Irrigation infrastructure	Slavka Bogdanova, Petar Filkov
16:15-16:30	Horizontal legislation in environmental protection, case study: Student participation in making a decision for water resource management	Zorica Filipović, Ivana Lukić, Mladen Milanović
16:30-16:45	The fundamentals of risk assessments on the geohazard consequences	Elvis Žic, Nenad Bićanin, Nevenka Ožanić
16:45-17:00	Overview of input data for quantitative risk analysis from the consequences of geohazard	Elvis Žic, Nenad Bićanin, Nevenka Ožanić
17:00-17:15	Visualization of average annual precipitation in Serbia for the period from 1946 to 2019	Miljan Jeremić, Milan Gocić

Friday, 24 th September 2021		
University of Novi Sad, Faculty of Technical Sciences		
08:30-09:00	Participant's registration	
Plenary speaker		
09:00-09:40	Climate-resilient regions through systemic solutions and innovations	Prof Chrysi Laspidou, University of Thessaly (Greece), Vice-president of research & technology – Water Europe (Belgium)
Third session		
Session Chair:		
09:40-09:55	Perspectives of a climate crisis: higher risks from global to a small island environment	Luis Angel Espinosa, Maria Manuela Portela
09:55-10:10	Simulation of ungauged basins in climate change conditions	Charalampos Skoulikakis, Panagiotis Kotsalis
10:10-10:25	Nature based stormwater management solutions for housing area – Case study of roof garden implementation	Danijela Milanović, Borislava Blagojević, Ljiljana Vasilevska
10:25-10:40	Possibilities of application of HEC RAS two-dimensional models for prediction of bridge pier scour	Milena Ostojić, Ivana Čipranić, Goran Sekulić
10:40-10:55	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
10:55-11:10	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
11:10-11:30	Coffee break	

Young professionals in the water sector		
Moderator:		
11:30-11:45	Young Water Professionals chapter in Serbia	Stevo Lavrnić, University of Bologna
11:45-12:00	IAHR Young Professionals Networks	Daniel Wildt, University of Natural Resources and Life Sciences, Vienna
12:00-12:30	European Junior Water Programme	Naomi Timmer, H2O People
12:30-12:45	UNESCO's Intergovernmental Hydrological Programme (IHP) Phase Nine (IHP IX): Priority Areas and the contribution of UNESCO Chairs	Skoulikaris Charalampos, Aristotle University of Thessaloniki
12:45-13:30	Break	
Networking and international collaboration towards sustainable water resources management		
Moderator: Zakhar Maletskyi, Norwegian University of Life Sciences		
13:30-15:00	Water Harmony	Harsha Ratnaweera, Norwegian University of Life Sciences
	Senvibe project	Ivana Kovačević, University of Novi Sad
		Africa
		Asia
Concluding session		
15:00-15:30	Conclusions from the Symposium	Milan Gocić, University of Niš

General information

- Number of registered participants: 59 (150 planned)
- Invitations for registration should be sent on more addresses
- 20 papers have been received – 1 paper has been rejected
- Proceedings with ISBN will be finished on Monday, 13th September 2021
- Proceedings will be printed until 23rd September 2021

Information related to the Social events

- Depending on COVID19 situation the joint dinner of SWARM project participants will be organised in one of traditional restaurants in Novi Sad.
- All participant will receive the Guide with COVID19 measures that should be followed during the stay on the Faculty of Technical Sciences until Monday 20th September 2021.