



Osnovano 1960

Association for Water Technology and Sanitary Engineering



Exhibition Water Forum 2023

December 7 – 9, 2023

Belgrade Fair, Hall 3

Water Sector- Look into the Future

This year's Water Forum is being held for the first time at a new location, at the Belgrade Fair.

At the Forum, we will talk about necessary reforms in the Sector and opportunities for improving water services.

The conference will explore possibilities for capacity development as a vital part of the agenda, and how it can enhance and empower the water supply and sanitation services through international and regional cooperation.

We will present how digital technologies and artificial intelligence can influence the future of water. Are they a universal key that will improve the maintenance and development in the water sector? What are the experiences and possibilities? What is expected of us in the legislation on measurements of delivered water-water meters (MID Directive)? What implications does this have for the water supply company's management?

On the second day, we will dive into the circular economy models for transforming municipal wastewater. What are the perspectives of WWTP sludge management? How can this contribute to the preservation of water resources and the self-sustainability of services?

Traditionally, the Association of Waterworks and Sewerage of Serbia will hold its regular annual Assembly meeting at the Water Forum.

In this spirit, the third day of the Forum will again gather young experts in the organization of YWP IWA Serbia, section UTVSI, under the auspices of the World Water Association - IWA.

As particularly interesting, we also announce the commercial presentations of the fair exhibitors, who will present their products, technologies and latest achievements in the field of water supply and waste water collection and purification.

We are pleased to announce the fourteenth Exhibition Water Forum under a new roof and invite you to participate in the program.





Osnovano 1960

Association for Water Technology and Sanitary Engineering



Belgrade Water Forum 2023

December 7 – 9, 2023

Belgrade Fair, Hall 3

Conference room SFV

Thursday,
December, 7th

11:00 – 12:30	<p>Currently in the Water Sector <i>Moderator: Nebojša Jakovljević – President of the Assembly PUC W&S association of Serbia</i></p> <ul style="list-style-type: none"> - Performance indicators of PUC providing water services in 2022 – Report for MCTI of Serbia, Need for regular monitoring and reporting; UTVSI, Predrag Bogdanović - Reforms of the water sector in the Republic of Serbia- EU-supported project; MAFWE– Eptisa, Nenad Čolić - Maintenance, repairs, and water losses – An overview of several PUCs in Serbia – UTVSI, Ninoslav Petrović - State of water sector reform in the Republic of Croatia– Experience in the development of the national plan for reduction of water losses; WB, Stjepan Gabrić
12:30 - 13:00	Break
13:00 - 14:30	Meeting of the Waterworks and Sewerage Association of Serbia- members only
14:30 – 15:30	Break
15:30 – 17:00	<p>Regional Cooperation – RCDN+; GIZ <i>Moderator: Zorana Petrović, UTVSI</i></p> <ul style="list-style-type: none"> - Capacity development and advocacy- RCDN + - Presentation of Program; Pavle Donev, Zvonko Naumoski, GIZ - Directions and opportunities for professional development in the water sector – UTVSI, Zorana Petrović <p>Discussion</p>
17:00 – 17:15	Break
17:15 – 18:00	<p>Regional Cooperation – WB</p> <ul style="list-style-type: none"> - Utility of the Future – World Bank Group; Federico Perez Penalosa <p>Discussion</p>





Osnovano 1960

Association for Water Technology and Sanitary Engineering



Belgrade Water Forum 2023

December 7 – 9, 2023

Belgrade Fair, Hall 3

Conference room SFV

Friday,
December, 8

10:00 – 12:00

Perspectives for WWT Sludge Management

Moderator: Dr. Vladimir Pavićević, TMF Belgrade

- Factors Affecting the Quality of Sludge, Dr. Vesna Pešić
- Possibility for phosphorus recovery from sludge line at wastewater treatment plant: Technological aspects, Dr. Đurđa Kerkez
- Recommendations for use of sludge and treated wastewater for agricultural purposes, Dr. Anita Leovac Mačerak
- Project EU4Green, Nenad Konstantinović

Discussion

12:00 – 12:30

Break

12:30 – 14:00

Digitalisation and Artificial Intelligence

Moderators: N. Branislavljević, FCE Belgrade and A.Šotić, HCGS Belgrade

- Possibilities of using AI in the Water Sector; Dr. Nemanja Branislavljević
- Sociotechnical aspect of AI – responsibilities for reasoning and making decisions; Dr. Aleksandar Šotić
- Digitization and use of AI in water supply; Aleksandar Tanasković
- GIS and Hub-based digitalisation – practical aspects; Goran Jovanović
- Advanced digital technologies in leak detection (AQU methods); Nevena Veljković, JKP BVK

14:00 – 14:30

Break

14:30 – 15:30

Water meters - Novelties in legislation and regulations - MID Directive

Moderator: Predrag Bogdanović, UTVSI

- New metrological regulations for water meters - MID Directive; - Dr. Branislav Tanasić
- Authorised laboratories and services – representatives of PUCs for water supply and sewerage

15:30 – 16:00

Break

16:00 – 17:30

A special presentation of exhibitors





Osnovano 1960

Association for Water Technology and Sanitary Engineering



Belgrade Water Forum 2023

December, 7 – 9, 2023

Belgrade Fair, Hall 3

Water Forum SFV

Saturday,
December, 9

10:30 – 12:00

Presentation of papers published in the Journal Water and Sanitary Technique in 2023

Moderators: Dr. Jasmina Agbaba FNSM NS, Dr. Aleksandar Šotić, HCGS BG

- Serbian Water Quality Information System From The Point of View of Luman's Social Theory; dr. Nebojša Veljković
- Drinking Water Directive - Challenges in Implementation in EU Member Countries; Goran Gavrilović
- Application of Information Technology in Order to Reduce Losses - Example of JKP BVK; Goran Jovanović
- Nodal Demand Assesment Based on Geospatial Distribution of Consumers; Dragan Dumić
- PUC „Water Supply and Sewerage“ – Vrnjačka Banja; Đurđa Blagojević
- Photochemical Advanced Oxidation Processes: Challenges in Treatment of Organic Micropollutants; Tajana Simetić
- Examination of the Application Of Electrocoagulation Treatment for the Removal Of Arsenic From Groundwater in the Territory of AP Vojvodina; Zrnić Tenodi Kristiana
- Application of Return Sludge After Coagulation/Flocculation With Sedimentation on the Efficiency of Water Clarification; Miloš Dubovina
- Treatment of Wastewater From the Process of Nitrous Oxide Production; Jelena Vučićević
- New Insights in the Use of Materials Based on Graphene Oxide as Adsorbents for Removal of Metals From Water; Jovana Pešić

12:00 – 12:30

Break

12:30 – 15:00

Young Water Professionals IWA – YWP

Moderators: Dr. Aleksandra Tubić, FNSM Novi Sad, Dr. Aleksandar Djukić, FCE Belgrade and Dr. Aleksandar Šotić, HCGS Belgrade





Osnovano 1960

Association for Water Technology and Sanitary Engineering



Exhibitor Presentations

Conference Room 1

Thursday,
December, 7

- 11:30 – 13:00**
- STASTO Automatizacija d.o.o, Serbia**
Valves and Quick-Line pipelines for compressed air
- John Crane / STASTO Automatizacija d.o.o.**
Mechanical seals and sealing systems for pumps
- Huber SE / STASTO Automatizacija d.o.o.**
Equipment for the treatment of municipal and industrial water, wastewater and sludge
- 13:10 – 13:40**
- Herz d.o.o, Serbia**
Presentation of modern solutions in sanitation water systems for households and public buildings
- 13:50 – 14:20**
- Polietilenski sistemi d.o.o., Serbia / GF + Piping Systems Ltd, Switzerland**
Intelligent pressure management in water networks using axial flow pressure regulating valves
- 14:30 – 15:30**
- Regeneracija d.o.o., Bosnia and Herzegovina**
Presentation of technologies and production program of Regeneracija Ltd. regarding the treatment of domestic wastewater, stormwater and industrial water

Conference Room 2

Thursday,
December, 7

- 11:30 – 12:30**
- Meris d.o.o, Serbia**
Wastewater treatment plant Bačka Topola - ICEAS technology
Digital wireless platform for managing and monitoring the operation of Flygt pumps in sewage systems
- 12:40 – 13:10**
- Mueller International Holdings Ltd, United Kingdom**
Repair the past – Connect the future – Krausz couplings and repair solutions
- 13:20 – 13:50**
- Vodoplast promet d.o.o, Croatia**
Vodoplast promet d.o.o. – water, sewage, waste containers
- 14:00 – 14:30**
- vonRoll Hydro Beograd, Serbia**
Mission Zerowaterloss
- 14:40 – 15:10**
- Sismat Uluslararası Aritma Makinaları A.Ş, Turkey**
Choosing the proper screen type and selection criteria in water and wastewater treatment plants





Osnovano 1960

Association for Water Technology and Sanitary Engineering



Belgrade Water Forum 2023

December, 7 – 9, 2023.

Belgrade Fair, Hall 3

Conference Room 1

Friday,
December, 8

- 11:00 – 11:30
- Grundfos Serbia d.o.o, Serbia**
*ATLANTIC series of wastewater pumps with innovative hydraulics and open S-tube impeller,
 Optimization of water distribution with the **DEMAND DRIVEN DISTRIBUTION** system,
UTILITY CONNECT Internet platform for remote control and monitoring of pumping systems,
 Experiences in irrigation drainage and flood protection projects with KPL/KWM pumps,
 Film **Grundfos Serbia, projects in irrigation and drainage***
- 11:40 – 12:10
- Minel Automatika d.o.o, (NTG PLASTIK), Serbia**
NTG PLASTIK produces only fittings. PE fittings in water supply and gas systems
- 12:20 – 12:50
- Trgotehnika d.o.o, Serbia**
*Personalized solutions in the field of stormwater management
 Application of software in dimensioning systems for drainage and temporary collection*
- 13:00 – 14:00
- KSB Pumpe i armature d.o.o, Serbia**
KSB Highly efficient solutions in water supply and sewage systems
- 14:10 – 14:40
- Pipelife Serbia d.o.o, Serbia**
From rain to drain
- 14:50 – 15:20
- ASW Inženjering d.o.o, Serbia**
ASW:Utilities - Software system intended for calculation and billing of various types of utility services/ Applications of machine learning algorithms in water supply utilities
- 15:30 – 16:00
- Purator Ekotehnika d.o.o, Serbia**
Eco-systems and contribution to sustainable construction





Osnovano 1960

Association for Water Technology and Sanitary Engineering



Belgrade Water Forum 2023

December, 7 – 9, 2023.

Belgrade Fair, Hall 3

Conference Room 2

Friday,
December, 8

11:00 – 11:30

Rehau d.o.o, Serbia

Challenges in modern sanitary water installations

11:40 – 12:40

ACO građevinski elementi d.o.o, Serbia

*The development of trees and their crowns in order to lower the temperature of cities – ACO Green City, Sponge City
New ACO channels in building construction*

12:50 – 13:20

Peštan d.o.o, Serbia

New products in the Pestan assortment

13:30 – 14:00

Hauraton GmbH & Co.KG, Germany

Drainage of sports facilities

Contact:

Water Technology and Sanitary Engineering Association

Address: Terazije 23, 11000 Beograd, Serbia

Phone: +381 11 244-222-8; +381 11 344-89-04; Fax: +381 11 244-11-93

e-mail: office@utvsi.com www.utvsi.com

Sonja Milovanović +381 60 606 99 20

Bojana Vranešević +381 60 606 99 22

Svetlana Đurica +381 64 165 85 79

Water Supply and Sewerage Association of Serbia

Address: Terazije 23, 11000 Beograd, Serbia

Miroslava Hero Gon +381 64 813 14 31

e-mail: miroslava.hero@yahoo.com www.udruzenjevodovoda.org

