



European Water Association
celebrates
**The 20th International
EWA Symposium 2022**

**Integration of the Water Sector
in the Circular Economy**

Program



Free Entrance

for participants at the IFAT
in Munich, Germany, 2022

#EWAIFAT2022

European Water Association

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Session 1 | „Value of water“

Moderator: Fabio Tatàno, chairman of the EWA European Technical and Scientific Committee (ETSC), University of Urbino “Carlo Bo”, IT

Time	Leading Author	Title
09:30-09:45	Raymond Erpelding, EWA President, SIACH, LU and Fabio Tatàno, IT	Welcome and Introduction of the Symposium
09:45-10:15	Jörg E. Drewes, Dunbar Medal 2022 Awardee, Technical University of Munich, DE	Dunbar Medal Keynote: Value of Water - From Resource Recovery to Understanding Public Health
10:15-10:40	Dale Jacobson, DD Consulting, LLC, USA	Goal 6 - Clean Water and Sanitation of the UN Sustainable Development Goals
10:40-11:05	Matthias Barjenbruch, Technical University of Berlin, DE	Microplastics: Threat for Water
11:05-11:30	Jappe de Best, Avans University of Applied Sciences, NL	WoW! - A New Business Approach for Resource Recovery from Sewage

Session 2 | „Challenges in the Water Sector“

Moderator: Jiri Wanner, member of the EWA ETSC, University of Chemistry and Technology Prague, CZ

Time	Leading Author	Title
11:45-11:50	Jiri Wanner, CZ	Thematic Introduction of the Session
11:50-12:10	Jiri Wanner, CZ	Source Control Strategy for Micro Pollutants
12:10-12:35	Jörg Londong, past member of the EWA ETSC, Bauhaus University of Weimar, DE	Reducing Emissions of Antimicrobial Resistances in Wastewater Systems
12:35-13:00	Vincenzo Naddeo, EWA Research Member, University of Salerno, IT	Challenges in Water-Energy Nexus
13:00-13:25	Norbert Jardin, Ruhrverband, DE	The July Flood 2021 within the Ruhr Area
13:25-13:45	To be confirmed	Management of Stormwater Overflows

Thursday 2nd June

Venue: Hall West - B2 - Room B12

Session 3 „Sludge Management and Use“

Moderator: Iva Vidakovic Maodus, member of the EWA ETSC, Elektroprojekt Consulting Engineers, HR

Time	Leading Author	Title
09:30-09:35	Iva Vidakovic Maodus, HR	Thematic Introduction of the Session
09:35-10:00	Keiichi Sone, Tokyo Metropolitan Sewage Service Corporation, JP	Efforts to Recover Phosphorus generated from Sewage Sludge Separation Treatment (Incineration)
10:00-10:25	Bettina Steiniger, Bundeswehr University of Munich, DE	Effects of Seasonal Variation of the Digester Temperature
10:25-10:50	Hayato Itou, Tokyo Metropolitan Government, JP	Efficiency Improvement of Sludge Treatment by Establishment of Sludge Treatment Network
10:50-11:15	Hendrik Schurig, Hamburg Wasser, DE	Phosphorous Recovery Plant in Hamburg: Description and First Operation Experiences
11:15-11:30	Drazen Vouk, CWPCS Vice-President, University of Zagreb, HR	Management of Sewage Sludge - New insights into Valorization as Supplementary Material in the Construction Industry

Session 4 „Blue and Green Infrastructures in Urbanized Areas“

Moderator: Patrick Willems, member of the EWA ETSC, KU Leuven, BE

Time	Leading Author	Title
11:45-11:50	Patrick Willems, BE	Thematic Introduction of the Session
11:50-12:15	Uli Paetzel, Emschergenossenschaft and Lippeverband, DWA President, DE	Cooperation among Cities for a Climate Resilient Region
12:15-12:40	Juhani Järveläinen, City of Lahti, FI	Improving Storm Water Quality: Innovative Solutions from Lahti and Finland
12:40-13:05	Caty Werey, member of the EWA ETSC, UMR INRAE-ENGEEES GESTE, FR	Cost and Benefits of Green Stormwater Control Measures: Taking into Account the Multi-functionalities and the Multi-actors Maintenance
13:05-13:30	Sylvia Haack, Isle Utilities, DE	Urban Climate Resilience through Adoption of Innovation - Utilities and Cities leading the Way
13:30-13:45	Yosuke Matsumiya, Director of the Japan Sewage Works Association (JSWA), JP	Official Presentation of the 7th JSWA/EWA/WEF Joint conference “Resilience of Water Service”, Japan, November 2022