

European Water Association  
celebrates  
**The 20th International  
EWA Symposium 2020**

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

**Program**

Simultaneous Translation  



**Free Entrance**

for participants at the IFAT  
in Munich, Germany, 2020

**#EWAIFAT2020**



## Session 1 | „Value of water“ Moderator: Fabio Tatàno, IT

Time	Leading Author	Title
9.30-9.50	Bjørn Kaare Jensen, EWA President, DK, and Fabio Tatàno, Chairman of the EWA European Technical and Scientific Committee (ETSC), IT	Welcome and Introduction of the Symposium
9.50-10.15	Dale Jacobson, DD Consulting, LLC, US	Goal 6 - Clean Water and Sanitation of the UN Sustainable Development Goals
10.15-10.40	Koji Minoshima, City of Yokohama, JP	Survey of Microplastics in Yokohama
10.40-11.05	Katrien Bijl, Regional Water Authority Vallei and Veluwe, NL	WoW! - a new business approach for resource recovery from sewage
11.05-11.30	Nomfundo Nomcebo, University of Zululand, SA	Water Scarcity and Household Food Security: A Case of Ulundi Local Municipality

## Session 2 | „Water reuse in Agricultural, Industrial and Urban Areas“ Moderator: Jiri Wanner, CZ

Time	Leading Author	Title
11.45-11.50	Jiri Wanner, member of the EWA European Technical and Scientific Committee (ETSC), CZ	Thematic introduction of the session
11.50-12.15	Prof. Jiri Wanner, University of Chemistry and Technology Prague, CZ	Wastewater Reuse in the European Union and in the Czech Republic
12.15-12.40	Eileen O'Neill, Ph.D., BCES, Water Principles LLC, US	The Role of Public and Community Engagement in US Water Reuse Programs: Lessons Learned and Future Studies
12.40-13.05	Francis Meerburg, Aquafin NV, BE	Decentral recovery of water and nutrients from wastewater: A case study in Flanders
13.05-13.30	Stephen Katz, SUEZ Water Technologies & Solutions, CA	Building Flowsheets for Successful Potable Water Reuse Schemes
13:30-13:45	O. Benes, Ph.D, MBA, LL.M, CZ	Water reuse pilot case study - use of reclaimed water in brewery industry

Thursday 7 May

Venue: Hall C – Stage 2

**Session 3** | „Sludge Management and Use“  
Moderator: Iva Vidakovic, HR

Time	Leading Author	Title
9.30-9.45	Iva Vidakovic, member of the EWA European Technical and Scientific Committee (ETSC), HR	Thematic introduction of the session
9.45-10.10	Keiichi Sone, Tokyo Metropolitan Sewage Service Corporation, JP	Efforts to recover phosphorus generated from sewage sludge separation treatment (incineration)
10.10-10.35	Bettina Steiniger, Bundeswehr University Munich, DE	Effects of Seasonal Variation of the Digester Temperature
10.35-11:00	Hayato Itou, Bureau of Sewage, Tokyo Metropolitan Government, JP	Efficiency Improvement of Sludge Treatment by Establishment of Sludge Treatment Network
11:00-11.30	Jason Davis and Kat Doerr, Resource Generation Group, US	Thermal processing of municipal sludge by the Fryer-Cogeneration Sludge Management System

**Session 4** | „Blue and Green Infrastructures in Urbanized Areas“  
Moderator: Patrick Willems, BE

Time	Leading Author	Title
11.45-11.50	Patrick Willems, member of the EWA European Technical and Scientific Committee (ETSC), BE	Thematic introduction of the session
11.50-12.15	Dr. Friedrich Hetzel, German Association for Water, Wastewater and Waste (DWA), DE	Possibilities to cope with storm water events in Europe in a more sustainable way
12.15-12.40	Birgit De Bock, Aquafin NV, BE	The Best Destination for every drop of water, closing loops at local scale
12.40-13.05	Dr. Caty Werey, Irstea, UMR Geste, Enges, FR	Cost and Benefits of Green Stormwater Control Measures: Taking into account the multi-functionalities and the multi-actors maintenance
13.05-13.30	Bastian Piltz and Ole Larsen, 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, December 2021: Introduction to the concept and call for abstracts

## Proceedings:

To honor the vision of sustainability all the proceedings from the EWA Symposium, including the following papers, will be available only online.

### Papers only available online:

Leading Author	Title
Mirko Salomon, M.Sc., IKT – Institute for Underground Infrastructure GmbH, DE	Heavy Rainfall Check for Sewer Operation - Accident and Emergency Planning according to EN 752
Mai Miyajima, Tokyo Metropolitan Government, JP	Strategy to Ensure Financial Sustainability of Sewerage Service in Tokyo Metropolis
Daniel Vilim, Ing., ENVI-PUR, Ltd. CZ	Technologies for wastewater reuse - the step for future sustainability
Asanda Buliswa Mnguni, University of Zululand, SA	Assessment of realisation of Human Right to water at Umlalazi Local Municipality, KwaZulu-Natal
Stephen Katz, SUEZ Water Technologies & Solutions, CA	Micropollutant Removal Using MBR Technology with Powdered Activated Carbon Addition in Municipal Wastewater Treatment
Clemens Strehl, Dipl.-Kfm., IWW Water Centre, DE	Green Stormwater Management Solutions and Multi-functional Use of Existing Infrastructure

## EWA Webinars – meet the presenters online:

Did you miss a presentation or do you have further questions?  
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