



EWA Series on Innovation Web-Seminars Hygienic and Safe Wastewater Reuse

Date and time 08.03.2022, 14:00 – 16:30

Registration fee 119 €

Registration and payment

Clean water has become one of the main limiting factors in agricultural food production in Europe. The use of water disinfection as measure to protect public health of the treated water is used for agriculture or tourist purposes.

However, the new regulation on minimum requirements for water use in agricultural was entered into force in Europe on 26 June 2020. The new rules will apply in 2023 and are expected to stimulate and facilitate water reuse in the EU.

With these new rules on water reuse in force, the EWA event on best practices of water hygiene will show the expected hygienic, ecological, and operational aspects of disinfection technologies that are applied in water and wastewater treatment plants.

Implementation of water reuse practices in the food industry presents a great challenge for both water sectors and public health authorities regarding knowledge, technical expertise, regulatory, technological, monitoring, verification and ethical aspects associated with safe reuse of water in the food industry are discussed and some examples of the challenges ahead and possible approaches are given by This Innovative Web-Seminar will look into the water wastewater hygiene and its applications, where it makes sense to meet the current legislation,

The event will also present lessons learned from Europe and USA to meet the future challenges of hygienic measures within the EU regulations.

Participate
online and save
CO₂, time and
travel expenses!

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Moderator Prof. Alexandros Stefanakis, Treatment Wetlands and Nature-based solutions, TU Crete (GR)

Time	Topic / Activity	Speaker
14:00 – 14:10	Welcoming Address-from the EWA	Dr. Noama Shareef- EWA
	Introduction to the first speaker by Prof. Alexandros Stefanakis	Moderator
14:10 – 14:30	An Overview of Water Wastewater Hygiene- Where Hygiene Application Makes Sense!	Prof. Dr. Dr. h.c Martin Exner Department of Hygiene and Public Health of Bonn University Bonn (DE)
14:30-14:40	Questions & Answers Introduction to the next speaker	Moderator
14:40 – 14:55	Application of Disinfection Methods for Treated Wastewater and Water Quality Monitoring	Dr. Jack Van de Vossen IHE Delft Institute for Water Education (NL)
14:55– 15:05	Questions & Answers and Introduction of next speaker	Moderator
15:05 – 15:20	Agricultural Reuse of Treated Wastewater – Challenges as a Result of Seasonal Water Demands	Prof. Jörg Krampe Institute for Water Quality and Resource Management, TU Wien (AT)
15:20 – 15:25	Questions & Answers	Moderator
15:25- 15:35	Break	
15:35-15:40	Introduction to the next speaker	Moderator
15:40– 15:55	Considerations for Water Professionals During Infectious Disease Outbreaks.	Dr. Anna Mehrotra Director, National Wastewater Surveillance System Program, Water Environment Federation (US)
15:55 – 16:00	Questions & Answers	Moderator
16:00 – 16:15	Case Studies of Nature-based Solutions for Waste Water Treatment with/ without Disinfection for Effluent Reuse and/or Environmental Discharge.	Prof. Alexandros Stefanakis. Treatment Wetlands and Nature-based solutions, TU Crete (GR)
16:15 – 16:30	Questions & Answers, Open discussion; Conclusions and Wrap Up; and closing of EWA Web-seminar	Moderator