

SESSION 32

Wastewater and sewage sludge

THURSDAY 19 SEPTEMBER

17:00 – 19:00 CEST (Central European Summer Time)

Europe Room
2^o floor

Opening

17:00 Welcome from *Dietmar Müller-Grabherr (COMMON FORUM)*, *Pavlos Tyrologou (EFG)*,
Monica Crisan (IMPEL)

Presentations

17:05 Assessment of the Potential Application of Sewage Sludge and Compost Derived from Sewage Sludge as Organic Soil Amendments

Marijana Kragulj Isakovski, Jelena Beljin, Nina Đukanović, Marko Šolić, Tamara Apostolović, Srđan Rončević, Snežana Maletić (University of Novi Sad)

17:20 Identification of soils exceeding heavy metal concentrations in Europe by using the limit values from Sewage Sludge Directive

Felipe Yunta, Diana Vieira, Elise Van Eynde, Calogero Schillaci, Panos Panagos, Arwyn Jones, Piotr Wojda (JRC European Commission)

17:35 Optimizing Waste Water Treatment: A Numerical Case Study on Innovative Bioreactor Design with integrated Knitted Fabrics

A. Kneer, D. Kneer (TinniT Technologies), A. August, B. Nestler (Karlsruhe Institute of Technology), J. Sarsourd (Deutsche Institute für Textil- und Faserforschung)

17:50 Modified natural zeolites: innovative solutions for the removal of hexavalent chromium from contaminated waters

Francesco Panattoni, Marianna Tardani, Bruno de Azevedo, Cosimo Masini (Zeocel Italia by DND Biotech)

18:05 INTECH4WATER: contaminant removal using microalgae towards an integrated wastewater treatment approach

M. Melis, C. Baldisserotto, T. Chenet, L. Ferroni (University of Ferrara), M. Blosi, A. Costa (National Research Council), B. Esposito, L. Sciubba, R. Guzzinati, S. Busi (ENEA), E. Carfagna (University of Bologna), S. Pancaldi (Terra&Acqua Tech Laboratory).

18:20 Enhancement of the properties of municipal sewage sludge for sustainable utilization

Nataša Slijepčević, Dragana Tomašević Pilipović, Anita Leovac Maćerak, Nataša Duduković, Milena Bečelić-Tomin, Đurđa Kerkez (University of Novi Sad), Milomirka Obrenović (University of East Sarajevo)

18:35 Panel discussion moderated by chairs

19:00 End of the session

Register yourself in the Google form <https://forms.gle/Pv8eiZP6r7UZxmm49>

