



## SESSION 34

# Zero pollution - ecotoxicology for safe and sustainable remediation

FRIDAY 22 SEPTEMBER

09.00 – 13.00 CEST (Central European Summer Time)

White Room  
1° floor

### Opening

**09:00** Welcome from from the Chairs Ilaria Corsi (SETAC ILB), Paola Grenni (SETAC IB), Sabine Apitz (Editor in Chief SETAC-IEAM), Peter Benhish (BDS); John Pitchel (Ball State University)

### Presentations

- 09:10** Protecting Health Through The Redevelopment Urban Contaminated Sites  
*Matthias Braubach (European Centre for Environment and Health, WHO)*
- 09:30** Cont'd sites and health: from the Italian SENTIERI experience to the international context  
*Ivano Iavarone (Dipartimento ambiente e salute, Istituto superiore di sanità, Roma)*
- 09:50** Resistance, Resilience, Recovery, Remediation and Restoration: Ensuring Assessment Supports Sustainable Land- and Water-Scapes  
*Sabine E. Apitz (Editor in Chief SETAC IEAM))*
- 10:20** Toxic-free pollution - in vitro toxicity profiling for more safety and sustainability in plastic additives, plastics and recycling  
*Peter Behnisch (Director BioDetection Systems, BDS)*
- 10:40** Title to be confirmed  
*David Pellegrini (ISPRA)*
- 11:00** Innovative procedure for HP14 (ecotoxicity) classification of waste from a remediation project: a case study in Veneto Region  
*Alberto Pivato (Padova University, Civil, Environmental And Architectural Engineering)*
- 11:20** Ecotoxicological set of tests for waste re-use  
*Maria Chiara Neri (Labservice), Francesco Marrone (LabAnalyses)*
- 11:40** Automation of the characterization process, ranking and estimation of LEG on samples of marine sediment  
*Biochemie Lab S.r.l.*
- 12:00** Environment Remediation: Benefits and Challenges on a Global Scale  
*John Pitchel (Ball State University, USA)*
- 12:20** Environmental safety of nanotechnologies for environmental remediation: The case study of bio-based nanostructured materials between past and future  
*Carlo Punta (Politecnico di Milano,*
- 12:40** Round table discussion and concluding remarks
- 13:00** End of the session

Organizing Committee: Paola Grenni (CNR), Ilaria Corsi, Silvia Casini (Siena Un), Claudia Vaj (Corteva Agriscience)

Register yourself in the Google form <https://forms.gle/Fgi2bprFWwfQnnUN8>