

SESSION 31

Heavy metals and mining

THURSDAY 21 SEPTEMBER

17.00 – 19.00 CEST (Central European Summer Time)

Europe Room
2^o floor

Opening

17:00 Welcome from *Marco Falconi (ISPRA)* and introduction from the Chairs

Presentations

- 17:05** The influence of low molecular weight organic acids on the bioavailability of heavy metals in sediments
Nina Đukanović, Jelena Beljin, Marijana Kragulj Isakovski, Srđan Rončević, Snežana Maletić (University of Novi Sad), Tijana Zeremski, Nadežda Stojanov (Institute of Field and Vegetable Crops)
- 17:20** Bioremediation; A useful way to mitigate heavy metal toxicity in soil
Muneeb Ur Rehman, Aziz Ullah, Sapana Parajuli (Ondokuz Mayıs University) Naseer Ahmad, (University of Agriculture Peshawar)
- 17.35** Nature based solution to precipitate heavy metals
Dirk Paulus, Herwig De Wilde (TAUW Belgium)
- 17.50** Simultaneous removal of toxic metalloids and metals from soil using ReSoil® technology
Domen Lestan, Juan F.M. Arteaga (University of Ljubljana), Simon Gluhar, Anela Kaurin (ENVIT)
- 18.05** Importance of using background concentrations to assess anthropogenic impact on soil and groundwater. Case: Metals in Andean soils
Alejandra, Romero, Maria Villalobos (Novambientti Soluciones Ambientales)
- 18.20** Cadmium in cocoa beans of Trinidad & Tobago and Ecuador: watershed scale initial approach
Sasha Hart, Sander Eskes, Luciana Ferreira, Ana Moeri (Instituto Ekos Brasil and NICOLE Latin America), Lucia Buvé, Olivier Maurer (NICOLE Foundation), Sergejus Ustinov, Natalia Rodríguez Eugenio (FAO)
- 18.35** Panel discussion moderated by chairs
- 19:00** End of the session

Register yourself in the Google form <https://forms.gle/hrKVCEi2fkGBzxau6>