

SESSION 26

Mining and Soil Remediation Innovations

THURSDAY 19 SEPTEMBER

11:45 – 13:30 CEST (Central European Summer Time)

Europe Room
2^o floor

Opening

11:45 Welcome from *Dietmar Müller-Grabherr (COMMON FORUM)*, *Johan Ceenaeme (OVAM)*,
Wouter Gevaerts (NICOLE)

Presentations

11:50 Converting iron ore tailings into soil like growth medium for ecological rehabilitation
Songlin Wu (Chinese Academy of Sciences), *Longbin Huang (University of Queensland)*

12:05 Enhanced Phytoremediation of Polluted Soils in Mining Areas Using Nanoscale Zero-Valent Iron
Salvador Sánchez, Aida González (Universidad de Oviedo), *Diego Baragaño (Instituto de Ciencia y Tecnología del Carbono)*

12:20 Statistical Analysis, Bioaccessibility and Soil Amendment - Addressing Soil Lead Contamination From Mining and Smelting Sources
Graeme Miller, Jonathan Mann (Senversa)

12:35 The influence of low molecular weight organic acids on the uptake and translocation of heavy metals in plants
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)*

12:50 Exploring the Potential of Reduced Graphene Oxide (rGO) to Mitigate Copper and Nickel Stress in Lemna minor plants
Marco D'Eugenio (Sapienza University of Rome), *Barbara Casentini (IRSA-CNR)*, *M. Adelaide Iannelli (IBBA-CNR)*

13:05 Panel discussion moderated by chairs

13:30 End of the session

Register yourself in the Google form <https://forms.gle/T8XMiK11hkzXDKnr8>