REMTECH Europe

SESSION 23
Nature based solutions

THURSDAY 21 SEPTEMBER
09.00 – 11.00 CEST (Central European Summer Time)

Europe Room
2° floor

Opening

09:00 Welcome from *Marco Falconi (ISPRA)* and introduction from the Chairs

Presentations

09:05 The soil-OMIC for soil and groundwater decontamination, an integrated chemical-physicalbiological process supported by metabarcoding by next generation sequencing of soil bacterial communities
Simone Becarelli, Simona Di Gregorio (University of Pisa), Serena Doni (CNR-IRET), Carlos Garcia Izquierdo (CEBAS-CSIS), Alessandro Gentini (Teseco Bonifiche)

09:20 Investigation on microbial community composition of Biological tricklingdeodorant tower efficiency with and without nutrients supply.
Hyacinth Wong (Zhengzhou nonferrous metal research institute)

09:35 Towards rapid and sensitive biomonitoring tools for bioremediation: exploring digital droplet PCR as a thirdgeneration quantification method
Bruna Matturro, Maria Letizia Di Franca, Simona Rossetti, Laura Lorini (National Research Council)

09:50 Tolerance threshold and phyto-assessment of cadmium and lead in vetiver grass
Chuck Chuan Ng (China-ASEAN College of Marine Sciences, Xiamen University Malaysia)

10.05 Feasibility of mycoaugmentation in the clean-up of tph-contaminated soils: THE LIFE MYSOIL Project
Flora Bagnato, Guido Bonfedi, Rachele Ciacciarelli, Federico Villani (ENI Rewind), Silvia Crognale, Alessandro D'Annibale, Andrea Firrincieli, Davide Lelli, Maurizio Petruccioli, (University of Tuscia - DIBAF)

10.20 From tree pruning wastes to Sustainable Soil Remediation
Laura Passatore, Serena Carloni, Valentina Mazzurco Miritana, Eleonora Peruzzi, Fabrizio Pietrini, Massimo Zacchini,Isabel Nogues (CNR - Research Institute on Terrestrial Ecosystems) Alessio Cherubini, Sara Marinari, Luisa Massaccesi (DIBAF - University of Tuscia)

10:35 Panel discussion moderated by chairs

11:00 End of the session

Register yourself in the Google form https://forms.gle/jpVYqFow9hkDYycb6

eni rewind
remediation & waste into development