

SESSION 14

Biochar and soil amendments

WEDNESDAY 18 SEPTEMBER

09:00 – 11:00 CEST (Central European Summer Time)

Europe Room
2^o floor

Opening

09:00 Welcome from *Piotr Wojda (JRC-EC)*, *Elena Stefanoni (UNEP)*, *Nazaré Couto (CENSE,PT)*, *Mentore Vaccari (University of Brescia)*

Presentations

- 09:05** Application of Multiyear Miscanthus Phytotechnology Supported by Soil Amendments to the Post-Military/Post-Mining Land: case of Chomutov, Czech Republic
Robert Ato Newton, Valentina Pidlisnyuk (Purkyně University), Sergey Ust'ak, Vojtech Vana (Crop Research Institute) Aigerim Mamirova (Al-Farabi Kazakh National University)
- 09:20** Simultaneous removal of Cd(II) and As(V) by ferrihydrite-biochar composite: Enhanced effects of As(V) on Cd(II) adsorption
Changxun Dong (Nanjing Agricultural University)
- 09:35** Application of ash as a soil amendment in phytoremediation
Abdulmannan Rouhani, Valentina Pidlisnyuk, Karim Suhail Al Souki (Purkyně University)
- 09:50** Pyrolysis temperature effects on wood-derived biochar and its potential for organic pollutant removal from water
Tamara Apostolović, Nina Đukanović, Tajana Simetić, Jasmina Anojčić, Sanja Mutić, Snežana Maletić, Jelena Beljin (University of Novi Sad)
- 10:05** A nature-based approach to enhance the recovery potential of a spontaneous ecosystem developed on an urban contaminated site
Laura Passatore, Paolo Sconocchia, Massimo Zacchini (IRET-CNR), Gianluca Rapaccini, Stefano Zoli (Terrapreta), Massimiliano Baric, Tatiana Stella (M3R-Monitoring and Management of Microbial Resources)
- 10:20** Remediation approaches for degraded military-polluted lands: case of Ukraine
Valentina Pidlisnyuk (Purkyně University), Larry Erickson, Ganga Hettiarachichi (Kansas State University), Tatyana Stefanovska (University of Life and Environmental Sciences of Kyiv), Sergey Ust'ak (Crop Research Institute), Pavlo Shapoval (Lviv Polytechnic National University)
- 10:35** Panel discussion moderated by chairs
- 11:00** End of the session

Register yourself in the Google form <https://forms.gle/xyy4khAfRRyPwZgbA>

