

SESSION 11

Sediment management and remediation

WEDNESDAY 20 SEPTEMBER

09.00 – 11.00 CEST (Central European Summer Time)

White Room
1° floor

Opening

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

Presentations

- 09:05** Radionuclide concentration in the sediments of the sacca di Goro (Italy)
Chiara Telloli, Antonietta Rizzo (ENEA), Elena Marrocchino, Carmela Vaccaro (University of Ferrara)
- 09:20** Synthesis and possibility of application of magnesium titanates based photocatalysts for reduction of environmental contaminants in sediments
Jelena Beljin, Nina Đukanović, Nataša Slijepčević, Tamara Apostolović, Marijana Kragulj Isakovski, Snežana Maletić (University of Novi Sad) Iryna Matsukevich (National Academy of Sciences of Belarus)
- 09:35** Multi-level approach of the characterization of riverine sediments affected by unauthorized chemical wastes managements. Results from Contaminated Site of National Interest "Bussi sul Tirino"
Antonio Diligenti, Gianluca Marinelli (ARTA Abruzzo)
- 09:50** LIFE NARMENA: Nature based remediation techniques for heavy metals in sediment - constructed wetlands
Axelle Mineur, Jan De Vos (ABO nv), Froukje Kuijk (OVAM, Mechelen), Viaene Karel (ARCHE), Dubin Dirk (bio2clean BV)
- 10:05** Use of sunflower for plant-assisted bioremediation of a degraded soil mixed with marine sediments contaminated by polychlorobiphenyls
Valeria Ancona, Giorgia Aimola, Marina Tumolo, Paola Grenni, Gian Luigi Garbini, Livia Mariani, Anna Barra Caracciolo (CNR - Water Research Institute), Angela Gatto (CNR - Institute of Sciences of Food Production), Daniela Napolitano, Vito Alessio Lacirignola (CISA)
- 10:20** Panel discussion moderated by chairs
- 11:00** End of the session

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