



SEMINAR CS4

World Soil Day

5 December 2024
Grandori Room – bld.4
Politecnico di Milano
Piazza Leonardo da Vinci 32

Introduce

Riccardo Barzaghi

Moderators

Paola Gattinoni
Chiara Corbari
Massimiliano Cremonesi

14.00-14:40 Federica Cotecchia

Politecnico di Bari
Diagnosis and control of soil-vegetation-atmosphere interaction
for landslide risk mitigation

14.40-15:20 Marco Falconi

ISPRA
European legislation, monitoring and projects on contaminated soil

15.20-15:30 Malvina Ongaro

The causes of a disaster:
mechanisms, omissions, and difference-making

15.30-15:40 Govoni Camilla

China's diet transition towards an animal protein-rich diet is
sustained by Brazilian land and water resources

15:40-15:50 Gabriele Beretta

ERASE: Innovation and sustainability in soil remediation

15.50-16:00 Coffee break

16.00-16:10 Ricciardi Livia

Soil and water limits to tree restoration for climate change
mitigation

16:10-16:20 Boschi Katia

Enhancing effectiveness and sustainability of permeation grouting
in soils

16:20-16:30 Marveggio Pietro

Challenges in retrofitting piled raft foundations:
the hidden strength of soil

16:30-16:40 Marta Puddu

FROM SOILS 4 SOILS - Secondary metabolites that could
save us all

16:40-16:50 Alessandro Ceppi

SOL40: Forty Years of Simulations under Climate and Land Use
Change

16:00-17:00 Seyedmoein Miremad

Mining Big Data to Assess the Impact of Urbanization on
Groundwater Recharge: A Case Study of Milan Province

17:00-17:10 Giulio Zani

Soil-structure interaction and its impact on historic masonry arch
bridges

17:10-17:20 Matteo Zerbi

Underground structures: advancing tunnel lining predesign with
numerical analyses

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WEBEX ROOM

<https://politecnicomilano.webex.com/meet/paola.gattinoni>

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