

## SESSION 36

# High Resolution Site Characterization

FRIDAY 22 SEPTEMBER

14.30 – 16.30 CEST (Central European Summer Time)

White Room  
1° floor

### Opening

**14:30** Welcome from *Marco Falconi (ISPRA)* and introduction from the Chairs

### Presentations

**14:35** Introducing continuous monitoring of individual contaminant species  
*Eugen Martac (Fugro), Claudio Carusi (Mares)*

**14:50** POWER BI as an innovative analytical and visualization tool in a short-term remediation project  
*Charline Kaplan, Mattias Verbeeck, Paulo Valle (ERM)*

**15:05** Optimizing risk management plans for pollutants dispersion in aquifers by use of innovative mass flux and mass discharge approaches  
*Pierre Jamin, Maxime Evrard (Nagaré Hydro)*

**15:20** Comparison of sample preparation methods for characterization of soil geochemistry by handheld X-RAY Fluorescence  
*Robert Szabo, Iustina Boaja, Adrian Tătaru (Geological Institute of Romania), Ana Maria Turculet (Politehnica University of Bucharest)*

**15.35** Utilizing Drone Technology for Monitoring and Estimating Gully Expansion in an Environmental Protection Area in Nova Lima-MG, Brazil  
*Valéria C P Zago, Rafael F. Ercoli (Federal Center of Technological Education of Minas Gerais), Beatriz Amanda Watts (Leuphana University)*

**15.50** Possibilities and challenges of AI in remediation of mining environmental liabilities  
*Ysmael Ormeño Zender (Activos Mineros)*

**16.05** Panel discussion moderated by chairs

**16:30** End of the session

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