

**“Mining environmental liabilities and secondary raw materials”
Virtual Workshop - From 25th September to 3rd October 2024**

Draft Program

Please note that the time indicated in the Program below is Madrid time.

The start times for the sessions are:

México (Ciudad de México), Guatemala, Honduras, El Salvador, Costa Rica: 09:00 h

Colombia, Perú, Ecuador, Panamá, Cuba, República Dominicana: 10:00 h

Venezuela, Bolivia, Paraguay, Chile, Argentina, Uruguay: 11:00 h

Portugal: 15:00 h

España: 16:00 h

25th September

Fundamentals of Mining Environmental Liabilities

16:00 – 17:00 h - *Types of environmental liabilities in mining. Methodology for conducting an inventory of dormant or abandoned mines.* **Dr. Fredy Guzmán**, Servicio Geológico Mexicano. (SGM)

17:00 – 18:00 h - *Site characterization and sample collection. Field and laboratory tests.* **Dra. Catia Marques Prazeres**, Laboratório Nacional de Energia e Geologia (LNEG)

30th September

Identification of environmental impacts for goods and people. Environmental impacts

16:00 – 17:00 h – *Geodynamics or other processes present in the environment. Safety issues for people and prevention of occupational hazards associated with MELs.* TBC

1st October

Remediation of Environmental Liabilities

16:00 – 17:00 h – *Techniques and technologies for remediation of MELs depending on their classification and environment. Restoration of affected ecosystems. Cases of remediation in the field and results.* **Dr. Virginia Rodríguez**, Instituto Geológico y Minero de España (IGME-CSIC)

17:00 – 18:00 h - *Rehabilitation of affected ecosystems: geomorphic approach and practical field examples. Monitoring Suspended sediment in mining spillages.* **Dr. Ignacio Zapico**, Assistant Professor at Complutense University of Madrid (UCM) and CTO of STONE161. Spain.

2nd October

Reuse of Secondary Raw Materials

16:00 – 17:30 h – *Laboratory tests for the extraction of target minerals from mining waste. The case of START project.* **Concepción Fernández-Leyva, Paula Adánez**, Instituto Geológico y Minero de España (IGME-CSIC)

17:30 h – 18:30 h - Reuse of Mining Waste in the Manufacturing of Sustainable Construction Materials.
Patricia Pérez, Universidad Politécnica de Madrid.

3rd October

Environmental Management and Corporate Social Responsibility

16:00 – 17:00 h - Strategies for sustainable management. Integration of social responsibility in mining management. International certifications and standards. TBC.