

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

Draft Program

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.* **Dra. 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)

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.