



**March 15–19, 2026**

San Diego Convention Center  
and Hilton San Diego Bayfront  
San Diego, California, USA

**#TMSAnnualMeeting**

## SUBMIT AN ABSTRACT FOR THE FOLLOWING SYMPOSIUM

### MATERIALS DEGRADATION AND DEGRADATION BY DESIGN

## Advances in Recycling and Environmental Technologies

This topic encompasses innovative approaches to recycling and resource recovery, aiming to address challenges towards sustainable mining at a near-to-waste generation. This symposium includes technologies (but not restricted to) for slag valorization, recycling of electronic waste (e-waste), resource recovery from mine and urban wastes, and integration of Techno-Economic Analysis (TEA) and Life Cycle Assessment (LCA). Examples of application techniques as pyrometallurgy, hydrometallurgy, solvometallurgy, electrohydrometallurgy, and novel materials to extract critical raw materials thereby minimizing waste and supporting raw material supply are welcomed. Projects evaluating economic viability and environmental impact of recycling processes, while the establishment of technical standards ensures quality, safety, and harmonized practices across regions are motivated.

#### **SPONSORED BY:**

TMS Extraction & Processing Division; TMS Recycling and Environmental Technologies Committee

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