

HOT TOPICS: MINERAL & METALLURGICAL PROCESSING DIVISION

- Education, student recruitment, industry retention, and workforce development
- Water availability, consumption, and quality.
- Processing of rare earths and critical minerals.
- Environmental, social, and governance (ESG) considerations.
- Digitization and digital twins.
- Geometallurgy, process mineralogy, and ore characterization.
- Energy-efficiency across the complete flowsheet.
- Sorting, pre-concentration, and other strategies for waste reduction.
- Tailings management and recycling and reprocessing of historic mine waste.
- Mining and processing in extreme conditions, including arctic, desert, urban, space, and seabed environments.