

*International Master*  
*Hydrogeology and resource management in mining*

**Client:** Cámara Minera del Peru (CAMIPER; Lima)

**Keywords:** Management of water resources, applied hydrogeology



**Summary:** Attendees develop the skills necessary to implement all mining processes related to hydrogeology in a professional, innovative and efficient manner. Topics covered range from the basic theory behind applied hydrogeology, the modelling process and its application to mining engineering, the sustainable use of water resources, etc. The course is organized in six modules:

- 1) Hydrogeology and exploration methods
- 2) Hydrogeochemistry
- 3) Groundwater quality and remediation
- 4) Groundwater balance
- 5) Artificial recharge and applications to mining
- 6) Study cases