

Senior Hydrogeologist

Expertise	Hydrogeology, water resources, tailings storage, mine dewatering and geotechnical tasks. Numerical and conceptual hydrogeological models.
Education	<p>Geologist, 2003 Universidad Complutense de Madrid, España</p> <p>Máster en Ingeniería Geológica, 2006 Complutense University of Madrid, Spain</p> <p>Geologist Engineer, 2012 Polytechnic University of Madrid, Spain</p> <p>Mining Engineer 2015 Polytechnic University of Madrid, Spain</p> <p>International Course in Underground Hydrogeology, 2020 FCIHS Cataluña, Spain.</p> <p>Water in Mine Operations and Slope Stability. Professional Development Course 2024 The Geotechnical Center of Excellence. The University of Arizona</p>
Professional Affiliations	<p>Society of Soil Mechanics and Society of Rocks Mechanics</p> <p>International Mine Water Association (IMWA)</p> <p>International Association of Hydrogeologists (IAH).</p>
Honors	Gómez Pardo-Schulz Award, Polytechnic University of Madrid, Spain (2013)
Professional Experience	
2013 – Presente	Itasca S.A., Santiago de Chile, Chile Senior Hydrogeologist
2010 – 2012	Polytechnic University of Madrid, Spain Hydrogeologist
2007 – 2009	Intemac S.A., Madrid, Spain Geotechnical Engineer
2006 – 2007	Besland S.A., Madrid, Spain Geotechnical Engineer

2004 – 2006

Ideyco S.A., Toledo. España
Geotechnical Engineer

Project Experience

Specialist in numerical modeling of groundwater flow with over 15 years of experience in water and environmental management, developed in mining industry operations. His work includes the planning and management of water resources through 3D hydrogeological numerical models for mine dewatering and water supply, as well as support in the preparation of studies to assess the effects of pore pressure on slope stability in both open-pit and underground mines. He has also led the execution of hydrogeological exploration and monitoring campaigns. José Luis holds a specialization in Applied Geological Engineering and academic degrees in Mining Engineering and Geological Engineering from the Technical University of Madrid, as well as a bachelor's degree in Geology from the Complutense University of Madrid (Spain).