

Hidrogeóloga Senior

Experiencia

Hidrogeología Minera y Ambiental

Educación

Máster Profesional en Hidrogeología Subterránea, 2015.
FCHIS, Universidad Politécnica de Cataluña, España.

Curso Internacional de Hidrología Subterránea, 2009
FCHIS, Universidad Politécnica de Cataluña, España.

Magíster en "Ground Water Hydrology", 2006
Universidad de Utrecht, Holanda

Licenciatura en Ciencias Geológicas, 2004
Universidad Complutense de Madrid, España

Afiliaciones Profesionales

Miembro: Asociación Latinoamericana de Hidrología Subterránea para el Desarrollo (ALHSUD)

Experiencia Profesional

2018 – Presente

Itasca Chile SpA, Santiago, Chile
Hidrogeólogo Senior

2016 – 2018

Amphos21 Chile
Hidrogeólogo Senior

2012 – 2016

Amphos21 Chile
Consultor Hidrogeólogo

2006 – 2012

Terratest Cimentaciones S.L., España
Consultor Hidrogeólogo

2005 – 2006

If Technology, Holanda.
Desarrollo del proyecto de investigación "Feasibility assesment of ATES projects in the chalk aquifer of South Limburg"

2004 – 2005

KIWA Water Research, Holanda.
Desarrollo del proyecto de investigación "Characterization of Particles in Abstracted Groundwater".

Experiencia en Proyectos

Mining Hydrogeology: Proven leadership in the development of conceptual and numerical hydrogeological models to support water resource availability in mining operations. Extensive experience in the management of dewatering and depressurization processes in open-pit mines, as well as in assessing the impacts of groundwater extraction. Responsible for coordinating monitoring campaigns, including groundwater level and pore pressure measurements through wells and grouted piezometers.

Environmental Hydrogeology: Involved in hydrogeological studies—both conceptual and numerical—for environmental permitting processes (Baseline Studies, Environmental Impact Assessments [EIA], Environmental Declarations [DIA], and Sectoral Permits [PAT]) with a strong focus on the mining sector. Experience includes collaboration with major mining companies such as Sierra Gorda, Centinela, Collahuasi, and several CODELCO divisions, contributing to feasibility studies during early project stages.

General Hydrogeology: Coordination, supervision, and oversight of field activities, including technical guidance and hydrogeological support in the design and implementation of well and drain campaigns, drilling methods, technical specifications, sampling, and data collection. Project management experience in both national and international projects, leading multidisciplinary and multicultural teams. Specialized in hydrogeological modeling (conceptual and numerical) across all phases of mining project development.