

---

**Geomechanics Specialist**

**Expertise** Geomechanics, Mining, Numerical Modeling

**Education** Mining Engineering, 2007  
Universidad de Santiago, Chile

**Professional Experience**

2022 – Present	Itasca Consulting Canada, Inc., Sudbury, Ontario Geomechanics Specialist
2017– 2022	Itasca Chile SpA, Santiago, Chile Project Engineer
2017	DERK Ingeniería y Geología, Santiago, Chile Thesis Student
2013 – 2016	CGEM – USACH, Santiago, Chile Laboratory Assistant

**Project Experience**

Rock slopes and underground excavations stability analysis, optimization of mining designs and analysis of deformations resulting from mining activity with numerical modelling in 3DEC, UDEC, FLAC and FLAC3D.

Experience in geotechnical core logging and laboratory testing on rock samples to determine resistance properties.

**Publications**

Ormazabal, L, Dockendorff, R, Valencia M. (2022) “Slope Design Charts as a Tool to Define Design Recommendations” – Slope Stability 2022