

# ALTERATION AND MINERALIZATION IN PORPHYRY DEPOSITS



Saturday 27  
March, 2021



From 9:00 am.  
to 12:00 pm.



Language: Spanish  
(simultaneous interpreting)

## ABSTRACT

The training course aims at presenting a methodology for improving the use of historical geological and geochemical data in order to constrain and create predictive geophysical models for exploration of VMS deposits in varied settings.

The course is planned to be interactive, and will include the presentation of a variety of case examples where common challenges are found during exploration of gold-rich and polymetallic VMS deposits in the Andean and ancient volcanic domains of Northern Europe. Dedicated coverage will be given to recognize ore signatures within regions of formational and artificial disturbances in the brownfield domain.

As the course requires basic understanding of geophysical concepts in mineral exploration, training is aimed at exploration geologists and recent geology graduates / last year students with interest in the field of economic geology or applied geophysics. No previous experience in VMS systems is required, but desirable.

**Duration: 6 hours**

## INSTRUCTOR

### Dr. Marcello Imaña



Marcello is an economic geologist with a broad interest in the development of exploration methods aimed at improving polymetallic and gold ore prospecting activities in volcanic arcs and sedimentary basins in Northern Europe and Latin America. His experience in mining comes from actively participating, supervising and mentoring successful multidisciplinary exploration teams in companies such as Lundin Mining, Agnico Eagle, First Quantum, and Inmet Mining. These activities have led him to work in mineralized systems with varied and unusual preservation, deformation and metamorphism schemes in various volcanic arcs and sedimentary basins around the world. His passion for promoting research applied to mineral exploration has led him to mentor, advise and collaborate with a large number of researchers, companies and undergraduate and graduate students, in addition to having a strong interest in promoting multinational participation and diversity of gender and perspectives.

Marcello's academic background includes geological engineering programs at UNMSM (Peru), as well as technological input acquired in several projects with mining companies in Europe and Latin America through graduate studies (e.g., Department of Geology and Mineralogy at the University of Turku, Finland and Department of Economic Geology and Applied Geophysics in Luleå University in Sweden). Currently, he is the technical director of GRM-Services Finland, a company dedicated to advising and implementing indirect exploration methods adapted to the particular conditions of exploration in deep mines and surface projects. He is also a consultant in Agnico Eagle's gold exploration activities with a focus on the Proterozoic domains of Northern Europe.

## COSTS

CATEGORIES	RATES
Non-Associates	USD 120.00
IIMP Active Associates	USD 100.00
Professors / Undergraduate Students	USD 80.00
IIMP Associated Students	USD 60.00

Costs include VAT / Associates must be up to date in their 2020 payments / Includes digital certificate

## Registrations

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