



Field Trip

Tectonics, basin architecture, and structural controls for the exploration of mineral deposits in the Morococha – La Oroya region

From regional model to targeting: technical visit on tectonics, basins, and structural controls in Morococha - La Oroya

Route:



May 08 to 10, 2026

Experience a three-day academic field trip along the Lima–San Mateo–La Oroya corridor, exploring some of the most representative geological settings of the Central Andes of Peru. The itinerary includes the northern sector of the Mesozoic back-arc basin, the synorogenic sequences associated with the La Chonta lineament, and the Permian–Triassic basin within the Yauli Dome.

Through guided technical stops, participants will analyze the structural and sedimentary evolution from Eocene–Miocene carbonate and volcanoclastic units to the Permian–Triassic Mitu and Pucará groups.



What will you learn?

You will examine in the field the key tectono-sedimentary relationships necessary to reconstruct the regional tectonic evolution, reviewing the sequences of the Mitu and Pucará groups and analyzing Andean deformation at the boundaries of the Permian–Triassic basin, as well as within the affected Mesozoic and Eocene–Miocene volcanoclastic units.

You will evaluate thin-skinned and thick-skinned structural styles, interpreting their prospective implications and integrating key observations within the geological setting of Morococha.

Field Trip Leaders



Alejandro Amilibia

Co-Founder and Technical Director at TERRACTIVA

Structural geologist with over 18 years of international experience. He holds a PhD from the University of Barcelona and has worked on exploration projects worldwide, including the discovery of the giant Johan Sverdrup field. Co-founder of Terractiva, he specializes in tectonics and geodynamics.



Frederic Escosa

Exploration Geologist at TERRACTIVA

Geoscientist with more than 10 years of experience in salt tectonics and structural analysis in both compressional and extensional settings. Former postdoctoral researcher at TotalEnergies, he has worked on projects across the Americas, Europe, and Africa. At Terractiva, he brings strong expertise in complex structural interpretation.

Aimed at:

Geologists and geoscientists, exploration and mining professionals, as well as senior-level students and researchers interested in applied geology and mineral exploration.

Tarifas

Category	Investment
Participant	1,300 USD

The Peruvian VAT is included.

Registration Deadline

April 30, 2026

Includes:



Internal transportation according to the established program.



Accommodation and meals during the field trip days.



Certificate of participation.

Requirements:

- ▶ Be between 18 and 65 years of age.
- ▶ Be in good health.

Information & Registration

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