



Copper-Silver-Gold Metallogeny of Northern Chile: Copiapó to Antofagasta

Copiapó, Chile | January 12–20, 2018

DESCRIPTION

This Field Course is offered by the SEG Education and Training Committee, and emphasizes the alteration-mineralization mineralogy and geochemistry of hydrothermal systems characterizing northern Chile from Copiapó to Antofagasta. Core reviews and mine visits will comprise porphyry Cu-Mo, Cu-Au skarn-manto-vein, high-sulfidation Au-Ag-(Cu) epithermal, and Chilean “manto-type” Cu-Ag systems, with visits complemented by evening “take-away” discussion sessions. Use of activity diagrams to explain the alteration and mineralization assemblages will help participants understand the geochemistry of hydrothermal systems and their vagaries.

This field course is appropriate for professional geologists and graduate students with interest in applied geochemistry and mineral exploration. This course starts in Copiapó, Chile on Friday, 12th January, and ends on Saturday morning, 20th January, 2018. The course is limited to twenty participants. We will travel by commercial bus, the “SEG Traveling Classroom” with a professional driver. Participants are responsible for providing their own PPE gear (hardhat, reflective vest, steel-toe boots, gloves, eye protection, and long-sleeve shirts). Course registration cost includes bus transportation from Copiapó to Antofagasta, double-occupancy lodging, course notes, breakfasts, and some lunches. Participants should plan on attending a Safety and Logistics Meeting in Copiapó at 7:00PM on Friday, 12th January, and may plan on departing Antofagasta on the morning of Saturday, 20th January.”

INSTRUCTORS



- Dr. William X. Chávez, Jr.**

A professor of geological engineering at the New Mexico School of Mines since 1985. Dr. Chávez has instructed field and in-class workshops for the Society of Economic Geologists involving a variety of ore deposit types, with emphasis on the practical application of geochemistry to mineral exploration.



- Dr. Erich U. Petersen**

A professor of geology and geophysics at the University of Utah in the Latin American Studies Program. Dr. Petersen’s geographical regions of interest include Central and South America. He has worked closely with the Society of Economic Geologists over the years through several field trips, short courses, and workshops.

REGISTRATION Online at www.segweb.org/events#18RCHILE

Early Registration

(through December 1, 2017)

Member: US\$1,295
Non-member: US\$1,495
Student: US\$695
Student Non-member: US\$795

Late Registration

(after December 1, 2017)

Member: US\$1,395
Non-member: US\$1,595
Student: US\$795
Student Non-member: US\$895

**The course is limited to 20 participants.
 Student participants are limited to 2 at the attendee minimum or 3 at attendee maximum.**

Please note that SEG reserves the right to cancel this event should minimum attendance numbers not be met by December 1, 2017. For further information on cancellation policy, event photography, and dietary restrictions, visit www.segweb.org/t&c.