



proEXPLO 2025

SHORT COURSE post-congress

OROGENIC GOLD: GEOLOGY, GENESIS, AND EXPLORATION



THURSDAY
8TH MAY, 2025



FROM 09:00
TO 17:00 HOURS



ENGLISH (SIMULTANEOUS
TRANSLATION)



ON-SITE
(IIMP)

Abstract



This course will provide a comprehensive overview on the geology of and exploration for orogenic gold deposits, the most widespread type of gold deposit globally and an important gold target type in the Paleozoic Eastern Cordillera of the Andes. It will provide descriptions of the most important Phanerozoic and Precambrian examples of orogenic gold ores formed in the world's young accretionary orogens and old cratonic greenstone belts. Topics to be covered include tectonic and structural controls, geological characteristics, geochemical and geophysical signatures, geochronological relationships, and exploration strategies. Other gold deposit types with some overlapping features, particularly reduced intrusion-related and Carlin-type gold deposits, will be compared and contrasted to indicate what type of ore systems are the most favorable targets for the explorationist in various metallogenic provinces.



Instructor

Richard Goldfarb received his BS in geology from Bucknell U., MSc in hydrogeology at University of Nevada-Mackay School of Mines, and his PhD in geology at the University of Colorado. He was a research geologist at the U.S. Geological Survey for 36 years where his studies focused on global metallogeny, geology of ore deposits in the North American Cordillera with emphasis on orogenic gold, lode gold deposits in China, and geochemical applications to the understanding of ore genesis. He has served as a President of the SEG, Chair of the SEG Publications Board, member of the Editorial Board of Economic Geology, and Chief Editor of Mineralium Deposita. He was awarded the SEG Silver Medal in 2011 and SEG Gold Medal in 2023, Kutina-Smirnov Medal by IAGOD in 2014, and the Gold Medal by SGA in 2022 for his various contributions to economic geology. Presently, Rich is a research professor at China University of Geosciences Beijing and Colorado School of Mines, and is an independent consultant to the exploration and mining industry.



Richard Goldfarb

Investment

CATEGORIES	RATES US\$ INC. IGV	
	Until 09.03.2025	From 10.03.2025
Non - Associates	450	500
Associetes	350	400
Students	150	170
Teachers	170	200

- * The IIMP Active Member must be up to date with their 2025 dues.
- * The student and the teacher must present their respective university transcripts.
- * Includes digital certificate.

14TH INTERNATIONAL CONGRESS
OF PROSPECTORS AND EXPLORERS

DISCOVERING MINERAL RESOURCES FOR A BETTER WORLD

05 - 07 may, 2025

Venue: Lima Convention Center

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