

Integrated Geoscience Signatures for Critical Commodities

Acquisition • Processing • Interpretation

10–12 November 2026 • Jeddah, Saudi Arabia



EVENT DESCRIPTION :

Saudi Arabia's Vision 2030 places mining at the center of long-term economic transformation, with significant potential across gold, copper, rare earth elements, and battery-critical minerals including lithium. The Arabian Peninsula remains one of the world's most under-explored mineral provinces, requiring high-resolution, integrated geoscience approaches capable of accelerating discovery while reducing technical and financial uncertainty.

This workshop brings together regional and international experts in geology, geophysics, and mineral systems analysis to demonstrate how coordinated, multi-scale geoscience workflows can unlock mineral systems across the region.

Rather than focusing on individual datasets in isolation, the workshop emphasizes integration of geology and geophysics within a mineral systems framework, translating subsurface signatures into predictive exploration intelligence and risk-informed development decisions.

The workshop is designed for a broad range of participants, including exploration geologists, geophysicists and mining professionals, mineral exploration service providers and technology developers, as well as researchers and graduate students who are advancing applied geoscience methods. It also welcomes early-career professionals through a dedicated Pre-Event Seminar aimed at building foundational skills and supporting the next generation of geoscientists.

ABSTRACT TOPICS:

- Mineral System Architecture of the Arabian Peninsula
- Mineral System–Driven Survey Design & Data Acquisition
- Processing, Inversion & Multiphysics Model Construction
- Integrated Interpretation & Risk-Informed Targeting
- Exploration-to-Development Integration

[Visit website for detailed sub-topics](#)

ABSTRACT FORMAT

Min of 500 words + 1 figure (mandatory), single column + reference

Abstracts should include sufficient detail for the committee to assess the quality of the submitted work. A minimum of 500 words is required, along with at least one figure and references (page length is flexible). Submissions must be on 8.5 × 11 inch paper, in Roman font, with the title (1–2 lines) in bold 12-point font and authors listed below in italic 10-point font. The main text should be in 11-point Roman font and remain within 1-inch margins. Abstracts should be written in paragraph format; if bullet points are used, they must remain within the same space constraints. Submissions must include both text and figures and be provided in PDF format.

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NOTE: The mechanical recording of any portion of the SEG workshop in any form (photographic, electronic, etc.) is strictly prohibited. Printed reference to the workshop presentations or discussions is not permitted without the consent of the parties involved. All participants are requested to omit public reference to the workshop proceedings in any published work or oral presentation. Only registrants are permitted to attend workshop sessions. In the event the presentation incorporates copyrighted material of others, the presenter warrants that all required permissions or releases have been secured. The presenter agrees to indemnify, defend, and hold SEG, its directors, officers, employees, and agents harmless against any claims to the contrary.

Each participant agrees to these regulations when application is accepted, as indicated by his or her signature on this form.

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Please email abstract and call for abstracts form by **3 August 2026** to **Ashvarya Bhalla** at abhalla@seg.org

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