

Registration

Next Generation Geophysical Land & Shallow Water Acquisition Technologies

28–30 September 2026 • Abu Dhabi, UAE



EVENT OVERVIEW

This workshop will explore key advancements in seismic acquisition and address how modern technologies are solving legacy challenges, particularly in sand dunes, dense infrastructure, transition zones and hybrid environments. Discussions will extend to back scatter denoising, explosives handling, environmental mitigation, and cross-discipline integration—crucial in enabling sustainable exploration, CCUS monitoring, and renewable resource characterization.

TECHNICAL TOPICS

- Frontiers in Sensor & Source Innovation
- Autonomous Operations & Smart Acquisition Systems
- Operational Excellence in Field Execution
- Digital Field Intelligence & Data Scalability
- Processing in Complex & Hybrid Environments
- Integrated Seismic Monitoring and Data Quality Enhancement
- Advances in Modern Data Acquisition
- Sensor & Acquisition Advances
- Multiphysics & Integrated Survey Solutions

VENUE

Le Méridien, Abu Dhabi Corniche, UAE

SPONSOR

DELEGATE GIFT AND EXHIBITOR



STUDENT REGISTRATION



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SEG SEMINAR

Innovations in Land Seismic Acquisition: Designing for Advanced Imaging Algorithms

WITH ANDREA CROOK AND MOSTAFA NAGHIZADEH
1 October 2026 • Abu Dhabi, UAE



SEMINAR OVERVIEW

| | | |
|---------------------------------|----------------------------|--------------------------------|
| Seminar Registration Fee | US\$441 (Member) | US\$546 (Non-Member) |
|---------------------------------|----------------------------|--------------------------------|

(The above rates are inclusive of 5% UAE VAT)

REGISTER NOW

SEMINAR OUTLINE

Land seismic acquisition has changed significantly in the past 25 years. With the advent of high density Vibroseis acquisition and the utilization of smaller and lighter-weight equipment, high trace density surveys have become commonplace. This coupled with significant advances in imaging algorithms, such as interpolation and Full Waveform Inversion, has changed how land seismic surveys are designed.

This 8 hour seminar (with coffee/lunch breaks) will provide attendees with a broad overview of recent innovations in seismic acquisition. The seminar is divided into four topics: advances in seismic acquisition sampling, compressive sensing, seismic data reconstruction methods, and sustainable seismic acquisition design. Processing and inversion examples from real datasets will be utilized to highlight the benefits of adopting modern seismic acquisition methods.

The seismic sampling section will focus on comparing various types of acquisition geometries from the perspective of both field acquisition and final processed products. The theoretical foundations of compressive sensing will be introduced, and its applications in seismic data acquisition will be discussed. Attendees will learn how to evaluate various 3D seismic acquisition geometries for their suitability for sparse Fourier seismic reconstruction algorithms.

The sustainability section will focus on environmental considerations in survey design and field implementation as well as optimization for multi-year timelapse surveys. Along with learning how to ensure a survey is designed for advanced processing and other analyses, attendees will learn how to build resilience into their timelapse land programs including how to ensure continuity in the presence of changing surface exclusions and updates in seismic equipment.

INSTRUCTOR BIOGRAPHYS

Andrea Crook is the co-founder and CEO of OptiSeis Solutions Ltd., a leader in sustainable solutions for high resolution subsurface imaging and analytics. At OptiSeis, she has built a team of experts specializing in seismic acquisition (2D/3D/4D/VSP/Passive) design and implementation, VSP processing, and software development with a focus on innovation, operational excellence, and improved environmental footprint.

Mostafa Naghizadeh is the Director of Research and Developments at OptiSeis Solutions Ltd. where he is developing uniquely designed alternative seismic surveys by considering the subsurface imaging requirements as well as minimizing the environmental footprints.

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SEG MIDDLE EAST BUSINESS OFFICE: For all registration queries, please contact Ashvarya Bhalla at abhalla@seg.org

REGISTRATION FEE INCLUDES:
COFFEE BREAKS, AND LUNCHES (MON-WED)

| | MEMBERS | NON-MEMBERS |
|---|--|-------------|
| EARLY BIRD REGISTRATION FEE (Must be registered and paid for by 27 August 2026) | US\$1,400 | US\$1,640 |
| FULL REGISTRATION FEE (Begins 28 August 2026 onwards) | US\$1,610 | US\$1,850 |
| ACADEMIA REGISTRATION FEE | US\$850 | |
| STUDENT REGISTRATION FEE | US\$250 | US\$350 |
| POST WORKSHOP SEMINAR (1 October 2026) | US\$420 | US\$520 |
| | UAE Vat (5%): US\$ _____ | |
| | Total Amount (incl. UAE VAT): US\$ _____ | |

Select to join & save! Non-members will further connect to the world of applied geophysics thanks to the **SEGratis Membership**— a complimentary annual membership included with a paid non-member registration.

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Address listed: Business Home Are you a student? Yes No

All check payments are required in US Dollars (\$) on US Banks only. From outside the US, you can process payments in your local currency with Flywire.

PLEASE NOTE CREDIT CARD PAYMENTS ARE NOT ACCEPTED VIA EMAIL BUT CAN BE ACCEPTED VIA PHONE AND ALSO PROCESSED DIRECTLY THROUGH THE WEBSITE. FOR MORE INFORMATION, PLEASE CONTACT ASHVARYA BHALLA AT ABHALLA@SEG.ORG

Remit in US Dollars (\$) to:
Society of Exploration Geophysicists
Attn: Accounts Receivable
10300 Town Park Dr., Suite SE100
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All major credit cards accepted:
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Wire transfer:
Wire transfer — in US Dollars (\$) Detailed wire information will be sent upon request.

CANCELLATION POLICY

Written notice received by **27 August 2026** entitles registrants to a full refund of the registration fee minus US\$50 for processing. No refunds will be issued after **27 August 2026**. Substitutions are permissible with written approval by the event organizers. Notify Ashvarya Bhalla (abhalla@seg.org) immediately to request a substitution.