

# Next Generation Geophysical Land & Shallow Water Acquisition Technologies

28-30 September 2026 • Abu Dhabi, UAE



# TECHNICAL PROGRAMME

## SPONSORS

DELEGATE GIFT & EXHIBITOR



STUDENT REGISTRATION



COFFEE BREAK



EXHIBITOR



## DAY 1 - MONDAY, 28 SEPTEMBER 2026

Le Royal Meridien, Liwan Grand Ballroom

08:00 - 09:00	Onsite Registration	
09:00 - 09:05	HSE by hotel	
09:05 - 09:10	Welcome Address by SEG	
09:10 - 09:15	Welcome Address by Committee Co-Chairs	
09:15 - 09:30	Opening Address- ADNOC	
<b>PANEL 1</b>	<b>SMART CREWS, SMARTER SURVEYS: AUTOMATION AND ROBOTICS IN MODERN ACQUISITION</b>	<b>MODERATOR: Wathik Alaaraji, TGS</b>
09:30 - 10:15	<b>Panelist 1:</b> Ezzedeen Alfataiergie, Aramco <b>Panelist 2:</b> Yuhan Sui, Aramco	
10:15 - 10:25	Committee and Sponsor Recognition	
10:25 - 10:30	Group Photo	
10:30 - 10:45	Coffee Break - 15 min	
<b>SESSION 1</b>	<b>FRONTIERS IN SENSOR &amp; SOURCE INNOVATION</b>	<b>SESSION CHAIRS: James Nicholas Shorter (PDO), David Monk (DUG)</b>
	<b>Aly Said</b> (Sercel)	Redefining Land Nodal Seismic Acquisition through High-Fidelity Sensing and Continuous Field Control
10:45 - 11:45	<b>Pavel Golikov</b> (Aramco) <b>Gang Yu</b> (BGP)	Nodal Application in Desert Environment Surface 3C-DAS System Development and Field Test for SDAS Data Acquisition
	<b>Nicolas Goujon</b> (STRYDE)	To Bury or Not to Bury
11:45 - 12:00	Moderated Discussion	
12:00 - 13:00	Lunch - 1hr	
<b>SESSION 2</b>	<b>AUTONOMOUS OPERATIONS &amp; SMART ACQUISITION SYSTEMS</b>	<b>SESSION CHAIRS: Kevin O'Connell (STRYDE), David Arnold (ADNOC)</b>
	<b>Ali Alfaraj</b> (Aramco) <i>Keynote Speaker</i>	The Evolution of Autonomous Underwater Vehicles for Ocean-Bottom Seismic Data Acquisition
	<b>John Wei</b> (INOVA Geophysical)	Low Frequency Sweep Design
13:00 - 14:15	<b>Andras Feszthammer</b> (Seismic Source Co) <b>Mike Yates</b> (Apache) <i>Keynote Speaker</i>	Shaping Land Seismic Acquisition and Safety Through Persistent Satellite and Cellular connectivity Seismic Acquisition Productivity in Egypt; Past, Recent and Future
14:15 - 14:30	Moderated Discussion	
14:30 - 14:45	Coffee Break - 15 min	
<b>SESSION 3</b>	<b>ADVANCES IN MODERN DATA ACQUISITION</b>	<b>SESSION CHAIRS: Ali Al-Enezi (KOC), John Wei (Inova Geo)</b>
	<b>Irfan Yuliandri Syukri</b> (Medco E&P Grissik Ltd)	Transformative Imaging of Fractured Basement Reservoir: Integrated State-of-the-Art Workflow Deliver Step-Change Results in "X" Field, Onshore South Sumatra Basin
	<b>Rosie Andrews</b> (Sercel)	Shallow Water Survey Planning, SIMOPS Management and Optimisation
	<b>Keith Hutcheson</b> (STRYDE)	HSE Risk Reduction in Land Seismic Acquisition Using Autonomous Nodal Systems: Evidence from a Large-Scale Campaign in the Middle East
14:45 - 16:15	<b>Norman M. Cooper</b> (Mustagh Resources Ltd.) <b>Zhang Yimeng</b> (BGP)	E-Vibes and Their Roll in today's Exploration Program Development of a Portable Weight-Drop Source and Its Application in Oilfield Seismic Acquisition
	<b>Cao Mingqiang</b> (BGP)	Shallow Water OBN Acquisition Solutions
16:15 - 16:30	Moderated Discussion	
16:30 - 18:30	Welcome Reception	

## DAY 2 - TUESDAY, 29 SEPTEMBER 2026

Venue: Le Royal Meridien, Liwan Grand Ballroom

09:00 - 09:15	Opening Address by Mohamed Husain, Aramco	
<b>PANEL 2</b>	<b>FROM FIELD TO CLOUD: REINVENTING DATA WORKFLOWS IN SEISMIC OPERATIONS</b>	<b>MODERATOR: David Monk, DUG</b>
09:15 - 10:00	<b>Panelist 1:</b> Amine Ourabah, STRYDE <b>Panelist 2:</b> Mike Yates, Apache <b>Panelist 3:</b> Guillaume Cambois, ADNOC	
<b>SESSION 4</b>	<b>DIGITAL FIELD INTELLIGENCE &amp; DATA SCALABILITY</b>	<b>SESSION CHAIRS: Cao Mingqiang (BGP), Nicolas Goujon (STRYDE)</b>
	<b>Dennis Pavel</b> (INOVA Geophysical)	Wireless QC in Nodal Seismic Acquisition: Architecture, Implementation, and Field Applications
10:00 - 10:45	<b>Frank Ofovena</b> (ADNOC) <b>Long Wu</b> (BGP)	Rethinking Field QC and Data Management for Next-Generation Seismic Acquisition Quality Control Methods for Auxiliary Data in OBN Seismic Acquisition
10:45 - 11:00	Moderated Discussion	
11:00 - 11:15	Coffee Break - 15 min	
<b>SESSION 5</b>	<b>PROCESSING IN COMPLEX &amp; HYBRID ENVIRONMENTS</b>	<b>SESSION CHAIRS: James Nicholas Shorter (PDO), John Wei (Inova Geo)</b>
	<b>Oleg Adamovich</b> (INOVA Geophysical) <b>Rabab Al Balushi</b> (Viridien)	Beyond Density and Low Frequencies: What Limits Imaging Resolution in Modern Seismic? Distributed Source Array: Processing of 2D Land Seismic Case Study in Central Oman
11:15 - 12:30	<b>Pavel Golikov</b> (Aramco) <b>Alexey Kopytov</b> (Viridien) <b>Yuhan Sui</b> (Aramco)	Desert Topography and Its Static Corrections: Implications for Receiver Array Response Advanced Converted-Wave Imaging in Shallow-Water Offshore Abu Dhabi Through Dense OBN Acquisition Enhanced Nonlinear Representation in Seismic Data Processing Using Quadratic Neural Networks
12:30 - 12:45	Moderated Discussion	
12:45 - 13:45	Lunch - 1hr	
<b>SESSION 6</b>	<b>INTEGRATED SEISMIC MONITORING AND DATA QUALITY ENHANCEMENT</b>	<b>SESSION CHAIRS: Wathik Alaaraji (TGS), David Monk (DUG)</b>
	<b>Guillaume Cambois</b> (ADNOC)	Semi-Permanent Seismic Monitoring Using 3D DAS-VSP onshore and offshore Abu Dhabi
13:50 - 14:35	<b>Gang Yu</b> (BGP) <b>Di Wu</b> (BGP)	Joint Acquisition of 3D VSP and Surface Seismic Data and its Applications Research on Environmental Noise Suppression of Seismic Data Based on Generative Models
14:35 - 14:50	Moderated Discussion	
14:50 - 15:05	Coffee Break - 15 min	
<b>SESSION 7</b>	<b>OPERATIONAL EXCELLENCE IN FIELD EXECUTION</b>	<b>SESSION CHAIRS: Wathik Alaaraji (TGS), Uche Aigbokhai (PDO)</b>
	<b>Allan Châtenay</b> (Explor) <i>Keynote Speaker</i>	What is Next?
	<b>Andrea Crook</b> (Optiseis)	Case Study: Optimizing Seismic Acquisition Geometries for Advanced Imaging
15:05 - 16:25	<b>David Arnold</b> (ADNOC) <b>Mostafa Naghizadeh</b> (Optiseis)	What Comes after Mega? – Ultra Dense 3D Acquisition in ADNOC Onshore Fields A Multi-fold Criteria for Optimal and Practical 3D Land Seismic Acquisition Design
	<b>Jiang Fuhao</b> (BGP)	BGP CS Acquisition Technique Recent Research and Applications in China's Basins
16:25 - 16:40	Moderated Discussion	

# Next Generation Geophysical Land & Shallow Water Acquisition Technologies

28-30 September 2026 • Abu Dhabi, UAE



# TECHNICAL PROGRAMME

## SPONSORS

DELEGATE GIFT & EXHIBITOR



STUDENT REGISTRATION



COFFEE BREAK



EXHIBITOR



## DAY 3 - WEDNESDAY, 30 SEPTEMBER 2026

Venue: Le Royal Meridien, Liwan Grand Ballroom

<b>PANEL 3</b>	<b>GEOPHYSICS FOR SUSTAINABILITY: IMAGING THE SUBSURFACE FOR A NET-ZERO FUTURE</b>	<b>MODERATOR:</b> Ali Alfaraj, Aramco
09:00 - 09:45	Panelist 1: Pantelis Soupios, TDS Panelist 2: James Cowell, ADNOC Panelist 3: James Shorter, PDO	
<b>SESSION 8</b>	<b>SENSOR &amp; ACQUISITION ADVANCES</b>	<b>SESSION CHAIRS:</b> David Arnold (ADNOC), Hamed Mansour Jaragh (KOC)
	<b>Julien Large</b> (Sercel)	Overcoming Shallow Water Challenges: Improvements to Tuned Pulse Source for Enhanced Seismic Imaging
09:45 - 10:45	<b>Guillaume Cambois</b> (ADNOC)	Near Surface Imaging Using Seismic Source Control Systems
	<b>Jingfu Wang</b> (BGP)	Research and Development of Green Gas Impulse Source and its Test in Shallow Water
	<b>Alexis Duboue</b> (Sercel)	Observations Related to OBN 3C Vector Fidelity
10:45 - 11:00	<b>Moderated Discussion</b>	
11:00 - 11:15	<b>Coffee Break</b>	
<b>SESSION 9</b>	<b>MULTIPHYSICS &amp; INTEGRATED SURVEY SOLUTIONS</b>	<b>SESSION CHAIRS:</b> Anna Gluschenko (SLB), Aly Said (Aramco)
	<b>John Archer</b> (RemEX Technologies Ltd)	From SOS to Signal: Using LPWAN Networks to Transform Seismic Crew Management
11:15 - 12:00	<b>Pei Yu Wu</b> (Technology Innovation Institute)	Multiphysics-Constrained Machine Learning for 3D Lithology Mapping from Airborne Electromagnetics
	<b>Ali Ahmed Hussein Mohamed</b> (SLB)	High-Density Surface-Wave Acquisition and Simultaneous Joint Inversion for Accurate Near-Surface Characterization in Land Full Waveform Inversion
12:00 - 12:15	<b>Moderated Discussion</b>	
12:00 - 13:00	<b>Lunch</b>	
<b>SESSION 10</b>	<b>ADVANCED SOURCE TECHNIQUES &amp; DEPLOYMENT INNOVATION</b>	<b>SESSION CHAIRS:</b> James Nicholas Shorter (PDO), Hamed Mansour Jaragh (KOC)
	<b>David Monk</b> (DUG) <i>Keynote Speaker</i>	Compressive Sensing: Has it's Time Arrived?
13:00 - 14:30	<b>Nicholas Renaud</b> (Sercel)	Land Seismic Data Acquisition Evolutions – High Performance & High Fidelity
	<b>Gary Hampson</b> (DUG)	How High is High Blending Fold?
	<b>Tomoki Uchigaki</b> (INPEX Corporation)	Unlocking the Potential of Blending and Compressive Sensing Onshore Japan
	<b>Abdelraouf Badawi</b> (ARGAS)	A Field-Based Assessment of Compressive Sensing for 2D Land Seismic Acquisition
14:30-14:45	<b>Moderated Discussion</b>	
14:45-15:00	<b>Coffee Break</b>	
<b>SESSION 11</b>	<b>COMPLEX MEDIA &amp; TRANSITION ZONE ACQUISITION INNOVATION</b>	<b>SESSION CHAIRS:</b> Anna Gluschenko (SLB), Nicolas Goujon (STRYDE)
	<b>Lee Parker</b> (GlobalGeo) <i>Keynote Speaker</i>	Time and Distance Separated Overlapping Source Data Acquisition for Transition Zone and Shallow Marine Seismic Surveys
15:00 - 15:45	<b>Sonia Domont</b> (Viridien)	Effective PS Demultiple in Ultra-Shallow Water
	<b>Long Wu</b> (BGP)	Design Methodology for Complex Media Based on Seismic Illumination Analysis
15:45 - 16:00	<b>Moderated Discussion</b>	
16:00 - 16:10	<b>Closing by Committee Co-Chairs</b>	