



OFFICIAL ABSTRACT KIT

**Abstract Submission Deadline:
15 March 2026
5 p.m. U.S. Central Time**

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OVERVIEW

SUBMISSION DEADLINE

15 March 2026, 5:00 p.m. U.S. Central Time

Late submissions are not accepted.

MEMBERSHIP REQUIREMENT

To submit an abstract, you must be a member of **AAPG, SEG, or SEPM**. During the submission process, you will be required to indicate your Society affiliations(s) and provide your membership number.

All memberships will be verified after the submission closes. **Membership must be current at the time of submission.** Submissions from non-current members will be rejected. Please ensure your membership is renewed before the Call for Abstracts deadline.

If you are not a current member, please visit:

- AAPG: <https://www.aapg.org/about/membership>
- SEG: <https://seg.org/membership/>
- SEPM: <https://www.sepm.org/memberships>

If you are a member but unable to locate your membership ID, please click the appropriate link below for assistance:

- [AAPG Member ID Instructions](#)
- [SEG Member ID Instructions](#)
- [SEPM Member ID Instructions](#)

IN-PERSON EVENT

IMAGE 2026 will be held *in person only* in Houston. By submitting, speakers confirm they can present in person if accepted.

NOTIFICATION OF ACCEPTANCE

Official notification letters will be sent **via email only** to the individual listed as the *speaker* on the abstract. If the speaker is different from the submitter and/or first author, it is the speaker's responsibility to notify all other contributors.

Please have the speaker add no-reply@seg.org and jcole@seg.org to their safe sender list to ensure they receive the notification.

SUBMISSION OPTIONS

IMAGE 2026 will feature a single submission process in which authors may choose to submit either a **Short Abstract** or an **Expanded Abstract**:

Short Abstract (1-page structured)

- Content is at the author's discretion; no specific word, character, or figure limits, but authors must follow the template and page limit.
- Authors retain copyright and may reuse content in other publications.
- Short abstracts will be compiled as PDFs and made available to registered and prospective IMAGE attendees (members and non-members) before, during, and up to 60 days after the meeting via the IMAGE website and app.
- Once submitted as a short abstract, you will not have the option to submit an expanded abstract or manuscript later.

Expanded Abstract (2-4 pages structured)

- Content is at the author's discretion; no specific word, character, or figure limits, but authors must follow the template and page limit.
- Authors must consider self-plagiarism when reusing content for other publications.
- Expanded abstracts will be compiled as PDFs and made available to registered and prospective IMAGE attendees (members and non-members) before, during, and up to 60 days after the meeting via the IMAGE website and app.
- Expanded abstracts will also be assigned DOI numbers and published in the SEG Digital Library, AAPG Datapages, OnePetro, etc. for access via subscription or pay-per-view.

ADDITIONAL REQUIREMENTS AND RESOURCES

- References should not be included at the end of the abstract. Instead, copy and paste references into the designated submission field. (If you use LaTeX, please provide plain-text references.) For accepted expanded abstracts, IMAGE will append references during publication.
- Only **PDF (.pdf)** files will be accepted. Detailed instructions are provided in the "Instructions to Submit Online" section.
- **Sample abstracts** are available online for reference.
- Once submitted as a short abstract, you will not have the option to submit an expanded abstract or manuscript later. Please decide which format you prefer before the Call for Abstracts deadline.
- The Best Paper Award will be selected for the top oral and top poster for each category. In addition, three poster presentations within the *AAPG, SEG, and SEPM Student Research* theme will be recognized. Each student award includes a \$500 cash prize.

SUBMITTING AN ABSTRACT

Submit your abstract for the IMAGE 2026 International Meeting for Applied Geoscience & Energy at <https://image2026.abstractcentral.com/>. The submission site will open 15 January 2026. Authors are encouraged to submit early and not wait until the final week to submit.

All submissions must be finalized no later than 5:00 p.m. (U.S. Central Time) on 15 March 2026

QUESTIONS?

Please contact Jenny Cole SEG Education and Meeting Manager | Joint Events Team (JET) Director, Technical Program and Development at jcole@seg.org.

CRITERIA FOR ABSTRACT ACCEPTANCE

GUIDELINES

Abstracts that are not properly formatted according to the specifications outlined in the Official Abstract Kit will be rejected. Acceptance of your abstract by the 2026 Technical Program Committee will be based on the quality of your submission, its relevance to the Technical Program's subject coverage, and the availability of space within the program schedule. All abstracts must be complete and include full references (prepared separately as directed in the instructions). Each abstract will be reviewed by a minimum of three reviewers.

The Technical Program Committee is responsible for selecting and organizing the accepted abstracts into cohesive sessions that align with the overall Technical Program schedule.

FORMAT

Authors must follow the format guidelines provided in the *Instructions for Typing Abstracts* and submit either short or expanded abstracts using the appropriate template. Abstract submissions must comply with the requirements of both the AAPG and SEG societies.

Abstracts should be of sufficient length to adequately cover the topic and allow reviewers to evaluate the quality of the work, but must **not exceed the designated maximum page count or 10 MB file size**:

- **Short abstracts:** maximum of 1 page
- **Expanded abstracts:** 2–4 pages

Important: References should **not** be included at the end of the expanded abstract; they must be prepared and submitted separately.

SHORT ABSTRACT TEMPLATE AND EXPANDED ABSTRACT TEMPLATE

Templates are provided for reference and can be accessed at:

<https://public.3.basecamp.com/p/8BKEKYto47UsVBK77crXYiqF/vault>

MAKING PDF FILES USING LATEX

LaTeX templates for IMAGE abstracts are available through the SEGTeX package. To download SEGTeX, please visit <http://ahay.org/wiki/SEGTeX> or <https://www.overleaf.com/latex/templates/template-for-seg-abstract/btpnkzrnjwny>.

ORIGINALITY

The Technical Program Committee encourages submission of new ideas and innovative applications. Submissions that include material previously presented, or material submitted to another meeting but not yet accepted, may be rejected. Please refer to the sections on **Ethical Guidelines and Novelty** (page 8) for additional details.

COMMERCIALISM

Commercial references may appear **only once** in the abstract and solely to indicate that specific products or services were used to implement the method being presented. The abstract **must not** include any other mentions of proprietary products, company names, or trademarks. Repeated or promotional references to products may result in rejection.

COHERENCY, STYLE, AND GRAMMAR

Abstracts must be written in English. A well-written abstract should be easily understandable, even if it has been translated. IMAGE partners with *Editage* to offer authors a discounted presubmission manuscript-preparation service, including English editing and formatting. Visit <https://editage.seg.org> for a quote.

All submissions must comply with the [Instructions to Authors](#). IMAGE will publish abstracts exactly as submitted. Please proofread your abstract carefully, as neither the Technical Program Committee nor the SEG or AAPG Business Office staff will make any typographical or grammatical corrections. Errors in grammar or spelling reflect on the entire technical program and may result in rejection. **Authors will not have the opportunity to submit a revised version after submission. No exceptions!**

TECHNICAL CONTENT

A strong abstract presents technically sound ideas from a fresh and insightful perspective. The discussion is relevant, well-focused, and appropriately concise. Clear conclusions are drawn and supported by data, accompanied by compelling figures and well-reasoned arguments. For ongoing studies, the abstract should highlight a significant milestone and include specific, data-backed conclusions illustrated by figures.

NOVELTY

At the time of abstract submission, authors will be asked to indicate whether the paper has been submitted or presented previously at another conference, or if it has been presented before with only minor revisions. Prior presentation is not necessarily grounds for rejection; however, the Technical Program Committee encourages submissions that offer new ideas and applications. Authors are responsible for securing all necessary permissions and providing proper attribution for any material that has been previously presented or published.

EVALUATION AND RANKING OF ABSTRACTS

Evaluation and ranking of abstracts are based on the following criteria: relevance and timeliness of the subject matter; the contribution's usefulness to the advanced of knowledge, techniques, or practice; and the overall clarity, organization, and presentation of ideas.

POTENTIAL AUTOMATIC REJECTION

- Abstracts that are not properly formatted according to the specifications in this Official Abstract Kit will be rejected. See **Typographical Instructions** for details. Short abstracts must not exceed one page, and expanded abstracts must be between 2–4 pages.
- References must **not** be included within the expanded abstract. All references should be provided separately.
- Abstracts that receive an overall similarity score of 30% or higher, or more than 5% similarity to any single source, will undergo further evaluation to determine whether all matching text is properly quoted, summarized, or paraphrased with appropriate attribution. Abstracts may be rejected if proper attribution is not provided. Refer to **Ethical Guidelines for SEG Publications** in this kit for additional information.
- Active membership in AAPG, SEG, or SEPM is required at the time of submission. Failure to hold active membership in at least one of these societies will result in automatic rejection of the abstract.

ETHICAL GUIDELINES FOR PUBLICATIONS

Authors are expected to adhere to the Ethical Guidelines for SEG Publications and agree to abide by all provisions, including any penalties for violations. The guidelines can be found at:
<https://library.seg.org/page/policies/ethics>

SEG participates in the Crossref Similarity Check system, powered by iThenticate. This tool compares submitted text against a large database and identifies matching material, which may include properly quoted and cited content. Expanded Abstracts that receive an overall similarity score of 30% or higher, or more than 5% similarity to any single source, will undergo additional review to determine whether all matching text has been correctly quoted, summarized, or paraphrased with appropriate attribution. Abstracts may be rejected if proper attribution is not provided.

Authors must also avoid reusing their own previously published work without correct citation and, when usage exceeds fair-use limits, without first obtaining permission from the original publisher.

POSTING/PUBLICATION RIGHTS

AAPG and SEG obtain permission during the submission process to post both short and expanded abstracts, as well as copyright to publish the expanded abstracts. Copyright transfer for expanded abstracts takes effect upon manuscript acceptance. By completing the permission and copyright transfer forms, authors warrant that they have secured all necessary permissions to use material owned by third parties. If you have not obtained permission for all third-party materials at the time of submission, please do not submit your abstract. Abstracts cannot be withdrawn once they have been published online.

Works created by U.S. government employees in the course of their official duties are not eligible for copyright transfer. In these cases, government authors agree to all terms outlined in the rights-transfer forms except the copyright transfer itself. **Acceptance of an abstract does not guarantee publication.**

Following the IMAGE meeting, expanded abstracts will be published after undergoing checks for commercial content and similarity to previously published work. Expanded abstracts will be available through the SEG Library, SPE's OnePetro, and may also be included in AAPG's Datapages. Additionally, the IMAGE Technical Program Expanded Abstracts are indexed by Ei Compendex, Petroleum Abstracts, and Scopus.

During submission, authors are also invited to grant IMAGE a license to their presentation materials (primarily slide decks and videos) so these may be posted online alongside their expanded abstracts after the meeting. Authors are further encouraged to grant IMAGE permission to live stream and/or record their presentations and to publish the recordings with presentation materials online or on removable media.

Transfer of copyright for IMAGE Technical Program expanded abstracts does not restrict authors from presenting their material elsewhere after the 2026 IMAGE meeting. However, **full citation and acknowledgment of SEG/AAPG copyright are required**. Authors of short abstracts retain copyright and may reuse their abstracts after presentation, provided they include acknowledgment that the short abstract was presented at IMAGE.

OPEN-ACCESS POLICY

SEG's open-access policy allows authors to make their expanded abstracts freely available in the SEG Library by paying a \$1,000 author publication charge. To request open-access publication, authors should

complete the copyright-transfer agreement and then email jcole@seg.org to indicate their intent to pay for open access.

Authors who have paid the \$1,000 open-access fee for their Expanded Abstract may later choose to expand that work for publication in *Geophysics*, *Interpretation*, or *The Leading Edge*. In such cases, the author may pay an additional \$2,500 to make the new publication open access—rather than paying the standard \$3,500 open-access fee for those journals.

RECORDING AND PLAYBACK POLICY

IMAGE may record the audio and presentation slides from sessions at the conference for later delivery via the Internet and/or SEG and AAPG On Demand platforms. Only presentations for which the author has granted permission will be recorded.

Presentations selected for recording and distribution through SEG and AAPG On Demand are chosen from among the list of accepted abstracts. Please note that granting permission to record your presentation does not guarantee that it will be selected for recording.

PUBLICATION OF FURTHER EXPANSION OF EXPANDED ABSTRACT

IMAGE authors assign copyright to SEG and AAPG but retain broad rights to continue using their content. If presenters choose to develop their IMAGE material into a full paper, SEG and AAPG request the opportunity to be considered first as potential publishers. Both societies' journals continuously seek high-quality submissions and recognize that authors selected to present at IMAGE are well positioned to contribute strong publishable work.

Presenters interested in developing full papers based on their IMAGE presentations may contact SEG at publications@seg.org, or AAPG at bulletin@aapg.org for additional information or assistance.

PRESENTATION STYLES

During your abstract submission, you must select your preferred presentation style. Please choose the option that best represents your work. **Note:** Your preference may not be guaranteed.

POSTER PRESENTATION

Poster presentations are ideal for abstracts that include detailed mathematics, large-scale plots, or frequent correlation of multiple displays. They are also suitable for focused topics or complex concepts that may require more than 25 minutes to explain. Poster sessions provide an excellent opportunity for one-on-one interaction between presenters and attendees.

Authors of accepted poster presentations will be asked to prepare materials for display during the meeting. Each poster presenter will have three panels:

- **Single board:** 8 feet wide by 4 feet high (2.4 meters × 1.2 meters). You may use the entire board area and must include the abstract title and author(s).
- **Two half boards:** 4 feet wide by 4 feet high (1.2 meters × 1.2 meters). Title cards are not included on the frame.

Poster presenters must be present at their poster stations during the assigned session. Failure to do so may result in being marked as a “No Show.” Attendance may be confirmed via check-in. Further information will be included in the Speaker Kit or acceptance letter.

ORAL PRESENTATION

Oral presentations are best suited for abstracts that convey a specific and significant milestone, where work and results can be demonstrated with clear data examples within the allotted time. They provide an effective way to share knowledge with large audiences. Most oral presentations will be 20 minutes in length, with a 15-minute minimum, unless otherwise specified.

Each oral-session room is equipped with an LCD projector, computer, single screen (note: single-screen presentations only), pointer, and microphones. Details on equipment compatibility are provided in the Speaker Kit, which will be emailed to each accepted presenter. All PC-based presentations must use an IMAGE-provided computer and projector. A standard presentation template is available and strongly recommended for preparing your files.

PRESENTATION TYPE PREFERENCE

Papers will be assigned to poster or oral sessions after the review process. You can designate your *preferred* presentation type during abstract submission. **Note:** Your preference may not be guaranteed.

PRESENTATION TIME

Presentations should not exceed 20 minutes with a required minimum of 15 minutes. (Subject to change.)

INSTRUCTIONS FOR TYPING ABSTRACTS

Authors must disclose all relevant information at the time of submission. Abstracts will be published online exactly as submitted, and no updates, corrections, or revisions will be accepted. Society staff will not edit or retype submissions. Significant formatting violations may result in immediate rejection.

Sample abstracts are available online for reference. Authors will not have the opportunity to resubmit or review abstracts. No exceptions.

TYPOGRAPHICAL INSTRUCTIONS

- All abstracts must be written in English and formatted to fit an 8.5" wide x 11" high page (U.S. letter-size) paper.
- A reference list **should not be** included at the end of the expanded abstract. References must be prepared separately and entered into the appropriate field during online submission. Format references according to SEG standards: [SEG Instructions to Authors](#). Copy and paste references into the submission field; if using LaTeX, provide a plain-text version. Include DOIs where available. Note: References will be copyedited for accuracy and formatting. Unverifiable references may result in withdrawal of the abstract from publication.
- Abstract submissions must comply with the requirements of both AAPG and SEG. Short abstracts are limited to **one page**, while expanded abstracts may be **two to four pages**, single-spaced. Note: Expanded abstracts may use the full four pages **excluding the reference list**, which should not be included at the end. SEG will proof and format references submitted via the online form and attach the reference page to the expanded abstract if accepted and published.
- The preferred font is **9-point, regular, Times New Roman** or similar style.
- The preferred format is **2 columns**.
- Fonts used in equations must be fully licensed and embeddable. Ensure that text within figures is large enough to be easily readable.
- Margins must be set as follows:

	Page 1	Pages 2, 3, and 4
Top	1.5 inch (39 mm)	1.0 inch (26 mm)
Bottom	1.5 inch (39 mm)	1.5 inch (39 mm)
Left	1.0 inch (26 mm)	1.0 inch (26 mm)
Right	1.0 inch (26 mm)	1.0 inch (26 mm)

- Text must be justified on both the left and right sides. Authors may use one, two, or three columns per page and may adjust the number of columns within the abstract to accommodate illustration. Figures may be in color or black and white.
- The first page should begin with the abstract title in 11-point bold, left-aligned. Capitalize only the first word and proper nouns. The title must not exceed 235 characters.
- Immediately below the title, list the author's names and affiliations in 10-point italic, left-aligned. **Do not include cities or countries.** Place an asterisk (*) next to the presenting author's name (e.g., Joe Smith* and Jill Brown, Baxter Research). Use the affiliation corresponding to the author's employer at the time the research was conducted.
- Insert two-line spaces (two returns) between the final line of the author name and affiliation block and the first line of your abstract. Category headings (e.g., *Summary*) must be in 9-point bold type and left-aligned. Place one line space (one return) before and after each category heading to separate it from the surrounding text.

- All empty lines within the abstract should be formatted in 9-point type.
- DO not indent paragraphs. Instead, separate each paragraph with one line of space (one return).
- For Expanded Abstracts, pages 2, 3, and 4 must include a shortened version of the abstract title (not to exceed 40 characters) centered at the top of each page in 10-point bold type. Insert one line of space (one return) between this shortened title and the beginning of the abstract text.
- Organization of the abstract's content should closely follow this scheme.
 - **Short Abstract:**
 - Abstract
 - Acknowledgements (optional)
 - **Expanded Abstract:**
 - Summary
 - Introduction (optional)
 - Theory and/or Method
 - Examples (optional)
 - Conclusions
 - Acknowledgements (optional)

INSTRUCTIONS TO SUBMIT ONLINE

Deadline: All abstracts must be submitted via the online abstract submission system **before 5:00 p.m. U.S. Central Time, 15 March 2026**. Late submissions will **not** be accepted.

1. PREPARE YOUR COMPUTER

Your Internet browser must be one of the following:

- Google Chrome
- Microsoft Edge
- Firefox

2. GATHER REQUIRED INFORMATION BEFORE SUBMISSION

Before beginning the online submission process, make sure you have all necessary information ready:

- **Primary Emphasis Theme:** Select one primary and one sub-theme from the list provided in this kit. The sub-themes are for guidance.
- **Intended Audience Selection:** Choose the theme from the list that best describes your target audience relative to their assumed knowledge of the abstract topic.
- **Keywords:** Select five keywords from the preapproved list for indexing and attendance searches (List included in this kit.)
- **Presentation Style:** Poster, Oral, or No Preference
- **About Presentation:** Indicate whether the presentation has been previously submitted to or presented at another conference.
- **Primary Author Information:** Include e-mail address, company name, full mailing address, and phone number. A valid e-mail is required.
- **Primary Contact Information:** Include e-mail address, company name, full mailing address, phone number. The primary contact must be reachable via e-mail and may be the same as the primary author.
- **Speaker Information:** Include e-mail address, company name, full mailing address, and phone number. A valid e-mail is required.
 - This is the person who will receive communications regarding the abstract.
- **Secondary Authors:** Include *all authors* of your paper. Search the submission database for existing authors; if not found, enter their information.
 - Late author additions after the call closes will **not** be accepted.
- **Introduction:** Copy and paste your abstract introduction into the appropriate field.
- **References:** Prepare separately; do **not** include at the end of the abstract. Copy and paste references into the online form. For LaTeX users, use plain text. References will be copyedited; unverifiable references may result in withdrawal of the abstract.
- **Abstract Author Byline:** List each author's affiliation at the place of employment of university attended when the research was completed. Place an asterisk (*) after the speaker's last name.
Example:
 - Harpreet Kaur*, Sergey Fomel, and Nam Pham, The University of Texas at Austin
 - Do **not** include biography or e-mail – only the byline.
- ◆ **Abstract File:** Only PDF (.pdf) files are accepted. Files must have no security restrictions or external links. Abstracts must follow prescribed formatting, including embedded fonts, and be under 10 MB.

3. SUBMIT ONLINE

1. Go to <https://image2026.abstractcentral.com/> to access the online submission form.
2. For technical issues, contact **Jenny Cole** at jcole@seg.org.

PRIMARY THEME AND SUB-THEME LIST

As outlined on the previous page, please select one primary theme, and one sub-theme during submission. Sub-themes are provided as guidance and may vary depending on the primary theme selected. Not all primary themes include sub-themes. Below is a high-level overview of the primary and sub-themes.

EXPLORATION AND DEVELOPMENT (GEOGRAPHIC REGIONS)

AFRICA

- Northwest Atlantic Africa
- North Africa/Southern Mediterranean
- Equatorial Atlantic Africa
- West Africa
- Southwest Atlantic Africa
- Central-East Africa
- East Africa
- Sub-Saharan
- Offshore Basins
- Onshore Basins

ASIA PACIFIC

- Andaman Sea
- Arafura/Timor
- Australian Bight
- Northwestern Shelf
- New Zealand
- Southeast Asia
- China
- Offshore Basins
- Onshore Basins

EUROPE AND EASTERN MEDITTERANEAN

- Arctic/Norwegian Sea
- North Sea
- Eastern Europe
- Western Europe
- Eastern Mediterranean
- Black Sea
- Caucasus
- Offshore Basins
- Onshore Basins

MIDDLE EAST AND CENTRAL ASIA

- Arabian Peninsula

- Arabian Sea
- Persian Gulf
- Red Sea
- Gulf of Oman
- Iran
- Iraq
- Caspian
- India/Bangladesh
- Pakistan
- Western Asia
- Offshore Basins
- Onshore Basins

LATIN AMERICA AND THE CARIBBEAN

- Mexico
- Caribbean Basins
- Guyana/Suriname
- Equatorial Atlantic Margins
- Campos/Santos
- South Atlantic Offshore
- Pacific Basins
- Andean
- Onshore Basins
- Offshore Basins

UNITED STATES AND CANADA

- Gulf of Mexico
- Gulf Coast
- Mid-Continent
- Permian Basin
- Rockies
- Canada/Alaska/West Coast
- Appalachian and East Central USA
- Onshore Basins
- Offshore Basins

GEOLOGICAL TECHNOLOGIES

CARBONATES AND EVAPORITES

- Marine Carbonate Systems and Reservoirs
- Mixed Carbonate and Siliciclastic Systems and Reservoirs
- Lacustrine Carbonate Systems and Reservoirs
- Evaporite Systems
- Carbonate Reservoir Seismic Imaging Challenges
- Outcrops and Modern Analogues
- Carbonate Diagenesis and Reservoir Quality Prediction
- Other Relevant Topics

PETROLEUM SYSTEMS

- The Petroleum System: Tectonics and Structural Influences
- The Role of Petroleum Systems in the Energy Transition
- Remote Sensing for De-risking Active Petroleum Systems
- Global Source Rock Characterization: Deposition, Identification, and Modeling
- Heat Flow and Thermal Modeling
- Basin Modeling: Maturation and Migration of Hydrocarbons
- Basin Modeling: Reservoir Properties and Risk
- Basin Modeling: Emerging Technologies
- Petroleum Geochemistry: Novel Exploration Applications
- Petroleum Geochemistry: Reservoir Characterization, Reserves, or Recovery Factor
- Petroleum Geochemistry: Research and Development in Subsurface Fluid Analysis
- Other Relevant Topics

PALEONTOLOGY AND BIOSTRATIGRAPHY

- Biostratigraphy
- Applied Paleontology and Paleoenvironments
- New Technologies
- Breakthroughs in Geological Time
- Other Relevant Topics

SILICICLASTIC

- Terrestrial Systems + Reservoirs
- Shallow Water Systems + Reservoirs
- Deepwater Systems and Reservoirs
- Source to Sink
- Outcrops and Modern Analogues
- Siliciclastic Diagenesis and Reservoir Quality Prediction
- Other Relevant Topics

STRUCTURE AND GEOMECHANICS

- Global and Regional Tectonics and Plate Modeling
- Salt Tectonics
- Structural Styles: Extensional Systems
- Structural Styles: Compressional Systems
- The Hydrocarbon Trap
- Faults, Fractures, and Fluids
- Rock Mechanics and Deformation
- Pressure and Seal Capacity Technologies
- Other Relevant Topics

GEOPHYSICAL TECHNOLOGIES

ANISOTROPY, AVO, AND SEISMIC INVERSION

- Anisotropy
- AVO
- Seismic Inversion
- Workflows
- Other Relevant Topics

ACQUISITION

- Case Study
- Compressive Sensing and Signal Processing
- Hardware
- Land
- Marine
- Multicomponent
- Seismic Acquisition Modeling
- Other Relevant Topics

BOREHOLE

- Borehole Geomechanics
- Borehole Geophysics
- EM methods
- Petrophysics
- Structural Imaging and Geosteering
- VSP, Crosswell
- Other Relevant Topics

DISTRIBUTED ACOUSTIC SENSING

- Case Study
- Acquisition and Calibration
- Fiber Optic
- Low-frequency DAS
- Numerical Modeling
- Processing Methods
- Reservoir Characterization and Monitoring
- Other Relevant Topics

ELECTROMAGNETICS

- Case Study
- EM for Exploration
- EM for Reservoir Surveillance
- Forward Modeling
- Instrument, Measurement, and Survey
- Inversion
- Other Relevant Topics

FULL-WAVEFORM INVERSION

- Case Study
- Amplitude
- Cycle-skipping
- Elastic and Multiparameter
- FWI Imaging
- High-frequency FWI
- Land FWI
- Marine Streamer, OBN
- Novel Approaches and Workflows
- Reflection FWI
- Theory, Methodology, and Algorithms
- Other Relevant Topics

GRAVITY AND MAGNETICS

- Case Study
- Instrument, Measurement, and Survey
- Interpretation
- Inversion and Data Processing
- New Approaches
- Other Relevant Topics

INDUCED AND PASSIVE SEISMIC

- Ambient Field Methods
- CO₂ Sequestration Reservoir Evaluation and Monitoring
- Critical Infrastructure Site Evaluation
- Fracture Flow (high frequency data)
- Geothermal Resources
- Hydraulically-induced fracture network Monitoring
- Induced Seismicity/Fault Monitoring/Containment
- Mining and Mineral Exploration
- Petroleum E&P
- Storage Monitoring (natural gas, H₂, groundwater/aquifer, wastewater injection, thermal storage)
- Other Relevant Topics

NEAR SURFACE

- Advanced Processing and Machine Learning
- Agricultural Applications
- Climate, Coastal, and Cryosphere
- Groundwater and Environmental Issues
- Imaging and Inversion
- Interferometry
- Monitoring and Remediation
- Seismic for Near Surface
- Urban, Geotechnical, and Archeological Applications
- Other Relevant Topics

ROCK PHYSICS

- Applications
- Elasticity and Mechanical Properties
- Inversion and Integrated Studies
- Lab Measurements
- Poroelasticity
- Recent Developments
- Resolution, Attributes, and Uncertainty
- Other Relevant Topics

SEISMIC MODELING AND THEORY

- New Approaches and Other Relevant Topics
- Seismic Modeling — Boundary Conditions, Topography
- Seismic Modeling — Numerical Methods, Efficiency, Accuracy, Stability
- Seismic Modeling — Q, Anisotropy, and Other Complex Media
- Seismic Modeling — Time Domain, Frequency Domain, Source Types, Survey Types, etc.
- Seismic Theory — Imaging and Inversion
- Seismic Theory — Wave Propagation and Wave Phenomena
- Other Relevant Topics

SEISMIC PROCESSING

- Case Study
- Diffraction Imaging
- Elastic Imaging, Least-squares Migration, Q-migration
- Emerging Technologies
- Kirchhoff Migration and RTM
- Signal Processing — Denoise, Demultiple, Deghost, Regularization and Interpolation, Deblending, Statics, Post-processing, etc.
- Velocity Model Building, Q-tomography
- Other Relevant Topics

TIME LAPSE

- Acquisition and Processing
- Case Studies
- Improvements in Time Lapse Analysis
- Inversion and Quantitative Interpretation
- Other Relevant Topics

INTEGRATED GEOSCIENCES

DIGITALIZATION, MACHINE LEARNING/ARTIFICIAL INTELLIGENCE, AND ANALYTICS

- AI/ML Algorithm and Novel Approach
- AI/ML in Interpretation
- Machine Learning in Development and Production Efficiencies
- AI/ML in Seismic Acquisition and Processing
- AI/ML in FWI
- AI/ML in AVO, Rock Physics, and Seismic Inversion

- Digitization and Automation
- AI/ML in Surveillance - TL
- AI/ML in Mining and Mineral Exploration
- Other Relevant Topics

GEOLOGIC AND GEOPHYSICAL INTERPRETATION

- Shallow Hazards
- Novel 3D Interpretation Methodologies
- Interpretation with Sparse Data
- Integrating Well and Seismic Data
- Models and Analogues in Subsurface Interpretation
- Interpretation Challenges in Development and Production
- Other Relevant Topics

GEOSCIENCE EDUCATION AND FIELD EXPERIENCE *NEW*

- Future of Geoscience as a Discipline
- Where have all the rocks gone? Decline in Core Geoscience Curricula in Academia
- Field Geosciences: Methods and Experiences
- K-12 Education
- Other Relevant Topics

LOW CARBON SOLUTIONS

- Carbon Capture and Storage
- Mitigating Emissions: Monitoring and Detection
- Energy Transition
- Technologies to Reduce Carbon Emissions
- Nature Based Solutions
- CO2 Sequestration
- Other Relevant Topics

MINING AND MINERAL EXPLORATION

- Advancements in Imaging and Inversion Methodologies
- Applications of Artificial Intelligence and Machine Learning
- Business of Mining and Mineral Exploration
- Instrumentation and Data Acquisition
- Integrated Interpretation and Prospectivity Mapping
- Uncertainty Quantification and Decision Making

NEW SUBSURFACE FRONTIERS: GEOLOGICAL HYDROGEN AND GEOTHERMAL

- Geothermal Systems: Case Studies
- Super Hot Rock Systems
- Applications of Enhanced Geothermal Systems
- Geological Hydrogen Exploration
- Helium and Noble Gases
- Lithium: Pegmatites, Brines, and Clays
- Other Relevant Topics

RESERVOIR CHARACTERIZATION AND MODELING

- Integrated Reservoir Modeling
- Fluid and Core Analysis: Upscaling to Reservoir
- Reservoir Simulation
- Outcrop to Reservoir
- Reservoir Compartmentalization Case Studies: Failures and Successes
- Other Relevant Topics

RISK, UNCERTAINTY, AND BUSINESS DECISIONS *NEW*

- Stochastic and Deterministic Assessment
- Defining Subsurface Risks
- Integrated Approaches to Exploration and Development
- Future of Upstream Financing
- Unlocking Stranded Assets - Models and Case Studies
- Integrating Above Ground and Technical Risk: Where are the Advantaged Barrels?
- Other Relevant Topics

STUDENT RESEARCH: AAPG, SEG, AND SEPM

- AAPG Student Research Paper
- SEG Student Research Paper
- SEPM Student Research Paper

SUSTAINABILITY ENERGY DEVELOPMENT AND ENVIRONMENTAL GEOSCIENCE

- Geoscience and Energy Policy
- Hydrology, Contamination, and Groundwater
- Environmental Monitoring and Remediation
- Exploring and Producing Hydrocarbons Sustainably
- Other Relevant Topics

TECHNOLOGY AND INNOVATION *NEW*

- Real Time Wellbore Monitoring
- Breakthrough Imaging Technologies
- Big Data: Advances in Quantum Computing and Data Storage
- Blockchain in the Energy Industry
- Other Relevant Topics

SPECIAL SESSIONS

Please note: The following Special Sessions are invited speakers only.

SS: SPECIAL SESSIONS

- Discovery Thinking (Standing Session)
- Advances in Next-Gen Geothermal: Geologic Insights from Active Projects
- Advancing Near-Surface Imaging and Characterization through New Hardware and Algorithms
- Agentic AI for Geoscience: Principles and Case Studies
- Best of AAPG
- Best of HLs

- Building the Exploration Company of the Future
- Characterization and Assurance of Resources and Reserves
- Discovery Thinking
- Exploration, Mineral Science and Mining of the Moon, Mars, and Asteroids
- Geologic Hydrogen Exploration and Production
- Geoscientists without Borders: Geoscience in Service to Humanity
- History of Petroleum Geosciences
- Moonshot Geophysics: Transformative Science and Technology Commercialization for a Sustainable Subsurface
- Near Surface and Mining and Mineral Exploration: New instrumentation to Address Exploration Challenges - In Honor of José (Pepo) Arce
- Near Surface Geophysics and the Human-Impacted Environment
- Near Surface: Geothermal Resource Exploration and Characterization
- Novel Passive Seismic Case Studies
- Optical fiber - The Value of Optical Measurement: Lessons Learned and Way Forward
- Recent Advances and the Road Ahead: Global Search for High Impact Frontier Plays: Basins, Technologies, and Pathways to Value
- Recent Advances and the Road Ahead: The Energy Evolution in Action: Geoscientists Driving Innovation
- SEG/AGU Hydrogeophysics: Innovative Geophysical Approaches to Improve Understanding of Environmental Transformation
- SEPM Research Symposium: Critical Minerals and Geothermal Energy in Sedimentary Systems
- The Critical Minerals Economy: Strategy, Finance, and the Domestic Supply Chain

KEYWORD LIST

The following list contains keywords for indexing your abstract by subject. This will also allow attendees to search via these keywords so they can more effectively plan their meeting schedule. Please choose up to five of the keywords listed during the submission.

2D	carbonate	dispersion	gas (exploration)
3C	case history	displacement	gathers
3D	cased-hole and	distributed systems	geochemistry (basin)
4C	production logging	divergence	geochemistry
4D		diving wave	(interpretation)
5D reconstruction	CCS	DMO	geology
acceleration sensors	CCUS	downhole receivers	geomatics
acoustic	CSEM	downhole sources	geomechanics
acquisition	Cenozoic	downward continuation	geophones
active learning	Central America	earthquake	geophysics
adaptive subtraction	chaos	economics	(hydrocarbon indicators)
Africa	chronostratigraphy	edge detection	geophysics (gravity)
air gun	clastic	effective	geophysics (magnetic)
airborne survey	cloud computing	elastic	geophysics (seismic)
algorithm	CO2	electrical/resistivity	geostatistics
aliasing	coal	electromagnetics	geothermal
amplitude	coherency	elimination (SRME)	generative AI
anisotropy	common angle	microseismic	global positioning systems
analysis (fractures)	common conversion point	engineering	(GPS)
analysis (gas)	common midpoint (CMP)	engineering (completion)	global search
analysis (oil)	common offset	engineering (drilling)	gradiometry
analysis (structure)	common receiver	engineering (production)	gravimeter
Antarctica	common shot	engineering (reservoir)	gravity
apparent resistivity	completion	environmental	gravity tensor
aquifer	compressional	Eocene	ground-penetrating radar
Archean	compressional wave	estimation	(GPR)
archaeology	(P-wave)	Europe	ground roll
arrays	compressional systems	evaporites	groundwater
artificial intelligence	compressive sensing	exploration (gas)	Gulf of Mexico
Asia	conductivity	exploration (offshore)	head waves
astrogeology	conical wave	exploration (oil)	heat flow
attenuation	continuation	exploration (onshore)	heterogeneous
attributes	converted wave	extensional	high-angle wells
Australia	core-log intergration	extensional systems	high-resolution
autofocusing	correlation	extrapolation	high-velocity layer
AVO/AVA	Cretaceous	facies	Holocene
azimuth	crosscorrelation	faults	Horizon
basement	crosswell	fiber-optic sensors	horizontal wells
bandwidth	crustal structure	fields (mature)	HTI
bandwidth extension	curie depth	field experiments	Hydrates
basin (development)	DAS (distributed acoustic	filtering	hydraulic
basin (geochemistry)	sensors)	finite difference	hydraulic fracturing
basin (modeling)	data reconstruction	finite element	hydrocarbon (indicators)
basin (super)	datuming	first break picking	hydrocarbon production
beam	deblending	fluid	hydrology
bed thickness	decomposition	fluid flow	hydrophones
belts (fold)	deconvolution	fluid flow in porous media	illumination
belts (thrust)	deep learning	fluvial-deltaic	imaging
blind deconvolution	deepwater	formation evaluation	impedance
borehole	Devonian	Fourier	incompressibility
borehole acoustics	density	fractals	induced polarization (IP)
borehole geophysics	depositional systems	fracture imaging	induced seismicity
borehole measurements	depth conversion	fracture stimulation	integration
boundary analysis	depth migration	fractures	interferometry
boundary conditions	development and	fractures (analysis)	internal multiples
broadband	production	fractures (hydraulic)	interpolation
bulk modulus	diagenesis	frequency-domain	interpretation
Cambrian	dielectric measurements	frequency-dependent	intrusion
Canada	diffraction	full-waveform inversion	invasion
carbon (capture)	diffraction imaging	gas	inversion
carbon (storage)	dip moveout (DMO)	gas (analysis)	isostasy
	dipmeter		

isotropic	nonlinear	rayleigh wave	simultaneous source
Jurassic	North America	reciprocity	sonic
K-L transform	North Sea	reconstruction	source rock
Kirchhoff	nuclear	reduced-rank filtering	sources
land	nuclear magnetic	reflection	South America
large language model	resonance	reflectivity	sparse
layered	numerical	refraction	sparse inversion
least squares	ocean-bottom cable	reinforcement learning	spectral analysis
least-squares migration	(OBC)	relative geologic time	spontaneous potential
life-of-field seismic (LoFS)	ocean-bottom node	remanent magnetization	SRME (surface-related)
linear	oceanography	remote sensing	multiple elimination)
lithofacies	oil (exploration)	reservoir characterization	stacking
lithology	offset	reservoir (deep)	standards
log analysis	Oligocene	reservoir (deep water)	statics
logging	one-way	reservoir (deltaic)	statistics
logging while drilling	openhole logging	reservoir (engineering)	stratal slice
love wave	optimization	reservoir (eolian)	steep dip
low frequency	Ordovician	reservoir (marine)	Stoneley wave
machine learning	overpressure	resistivity	stratigraphy
magnetic resonance	overthrust	resistivity log	stratigraphy (sequence)
measurements	P-wave	resolution	structure (analysis)
magnetic susceptibility	Paleocene	reverse time migration	structure (geology)
magnetic tensor	Paleogene	risk	structure (restoration)
magnetics	paleomagnetism	rock physics	subbasalt
magnetization	Paleozoic	salt	subsalt
magnetometer	parallel	rock core laboratory	super basin
magnetotelluric	particle-velocity sensors	measurements	supervised learning
mapping	passive acquisition	rock (source)	surface consistent
marine	passive filtering	salt dome	surface nuclear magnetic
mass transport complex	passive imaging	salt tectonics (sandstone)	resonance
matching pursuit	passive noise suppression	sampling	surface wave
mathematical transform	Pennsylvanian	sandstone	survey design
maturation	permafrost	saturation	systems (compressional)
maximum entropy	permanent reservoir	scattering	systems (extensional)
maximum likelihood	monitoring (prm)	seafloor	systems (gas)
measurement while drilling	Permian	seal	systems (oil)
(MWD)	Permeability	sediment	systems (petroleum)
media incompressibility	petroleum (exploration)	sedimentology	tectonics
Mesozoic	petroleum (generation)	seismic (2D)	tectonics (extensional)
Mexico	petroleum (reservoir)	seismic (3D)	tectonics (fold and
Neural networks	petroleum (source)	seismic (4D)	thrust belt)
microseismic	petroleum (systems)	seismic (amplitude)	tectonics (salt)
Middle East	petrophysics	seismic (analysis)	tensor
migration	Phanerozoic	seismic (attributes)	tensor algebra
minimum entropy	phase	seismic (data)	tensor completion
minimum likelihood	Pleistocene	seismic (facies)	thermal conductivity
mining	Pliocene	seismic (geomorphology)	time-domain
Miocene	Polarization	seismic (imaging)	time-lapse
Mississippian	pore	seismic (impedance)	time migration
modeling	pore pressure	seismic (interpretation)	time slice
modeling (analysis)	porosity	seismic (inversion)	tomography
modeling (basin)	poststack	seismic (line)	total organic carbon
modeling (oil)	Precambrian	seismic (migration)	transmission
modeling (seeps)	predictive analytics	seismic (stratigraphy)	trap
monitoring	pressure sensors	seismic (survey)	traveltime
moveout	prestack	sensors	Triassic
mudrocks	processing	separation	TTI
multiazimuth	Proterozoic	sequence stratigraphy	tube wave
multicomponent	production	sequestration	turbidite
multilinear algebra	profiling	shale	turning ray
multiparameter	programming	shale (gas)	two-dimensional
Multiphysics	properties	shale (oil)	ultrasonic
multiscale	Q	shale (tectonics)	unconsolidated
multiples	radial transform	shallow	unconventional
navigation	radiation	shear modulus	United States
near surface	radiometrics	shear wave (S-wave)	unsupervised learning
Neogene	Radon transform	scholte wave	vector processing
neural networks	random	signal processing	velocity analysis
NMO	ray tracing	siliciclastics	velocity model building
noise		Silurian	vertical seismic profile

(VSP)
vibroseis
viscoelastic
visualization
volcanics

VTI
walkaway check-shots
water
water table
wave equation

wave propagation
wavelet
well logs
wells
well geosteering

well-log interpretation
wireline logging
workstation
wide azimuth (WAZ)

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