OFFICIAL ABSTRACT KIT
SEG 2019 International Exposition and 89th Annual Meeting
San Antonio, Texas USA
15–20 September 2019

Please Note:

- The Technical Program Committee seeks submission of new ideas and applications. Submitting material that previously has been presented or material submitted to but not yet accepted by another meeting may result in rejection. Please review sections on ethical guidelines and novelty on page three for further information.
- To further enhance the Technical Program, SEG may live stream and/or record and rebroadcast select oral sessions. In order to do so, we must have license agreements for both your presentation files and for recording and broadcast of your presentation. Please consider selecting "Yes" for these optional licenses when making your expanded-abstract submission.
- Official notification letters will be <u>sent only via e-mail</u> and will be sent only to the individual listed as the speaker of the abstract. **Please add <u>no-reply@seg.org</u> to your address book to ensure your letter is received**.

Additional Notes for Submission:

- A reference list should not be included at the end of the abstract and should be prepared separately. Please copy and paste your references into the appropriate submission field. If using LaTeX, please use a plain-text version of your references. SEG will append the references to the expanded abstract if the expanded abstract is accepted.
- The only file type that SEG will accept is PDF (.pdf). Further instruction regarding this requirement can be found in the "Instructions to Submit Online" section of this document.

This Abstract Kit contains the following items:

1. Criteria for Abstract Acceptance
2. Online Review Form
3. Presentation Styles
4. Instructions for Typing Abstracts
5. Instructions to Submit Online
6. Primary Emphasis Category List
7. Keyword Table
8. Abstract Information Form
9. Submission Checklist

*A sample abstract is available online for your reference.

Abstract Submissions

To submit your abstracts for the SEG 2019 International Exposition and 89th Annual Meeting, you must submit online using SEG's program for submissions at https://segam2019.abstractcentral.com/. The online program will open for submissions on **1 February 2019**. We recommend that you **do not wait until the last week** to submit an abstract. Using the SEG online submission program, authors will be able to open their browser windows, fill out the forms, and submit their abstracts for review. **There is a 10 MB file size limit per uploaded abstract**. Abstract submissions must be complete <u>before</u> **5 p.m. U.S. Central Daylight Time on 1 April 2019.**

Questions?
Contact the Technical Program Planner in the SEG Business Office by e-mailing *techprog@seg.org*.

Criteria for Abstract Acceptance

<u>Abstracts submitted that are not properly formatted following the specifications laid out in the Official Abstract Kit will be rejected.</u> The acceptance of your abstract by the 2019 San Antonio Technical Program Committee is based on the quality of your submitted abstract and whether the abstract fits the subject coverage of the Technical Program, as well as space available in the Technical Program schedule. All abstracts must be complete and contain full references (prepared separately as per the instructions). Each abstract will have up to three reviewers. The Technical Program Committee will be responsible for selecting and organizing the abstracts into cohesive sessions that fit within the Technical Program schedule.

Copyright

SEG secures copyright to abstracts accepted for presentation at the SEG Annual Meeting. Copyright transfer is delivered during the submission process but does not take effect until manuscript acceptance. The copyright transfer includes a warrant by authors that they have secured permissions to use all included material owned by third parties. **If you have not secured permission to use all material in your abstract at the time of submission, please do not submit.** Papers cannot be withdrawn after online publication, which typically occurs in late July or early August. It is recognized that works are not eligible for copyright transfer if **all authors** are U.S. government employees reporting on work performed in the course of their employment. Government employees agree to all terms other than copyright transfer when clicking through the rights-transfer forms. **Acceptance of your abstract does not guarantee publication.** Generally, papers are published online before the Annual Meeting. Expanded abstracts also will be published on www.onepetro.org. In addition, the SEG Technical Program Expanded Abstracts are included in the Ei Compendex database.

During the submission process, authors are invited to transfer copyright in their presentation files—primarily slide sets and videos—so that SEG may publish them online alongside their abstracts after the meeting has occurred. Authors also are invited to extend SEG permission to live stream and/or record presentations and publish the recordings with presentation materials on removable media and/or online. Authors are not required to agree to either of these rights transfers, as it is recognized that there sometimes are proprietary reasons authors must withhold permission to publish presentation materials and/or recordings. Copyright transfer does not prevent the author(s) from presenting their material elsewhere after their presentation at 2019 SEG Annual Meeting, but <u>full citation and proper acknowledgment of SEG's copyright is required</u>.

Open Access

SEG's open-access policy allows an author to pay a $2,500 author-publication charge to make his or her expanded abstract available without access controls in the SEG Digital Library. To opt for open-access publication, please click through the copyright-transfer agreement and send an e-mail to techprog@seg.org stating your desire to pay for open access. Learn more about SEG's open-access policy at http://www.seg.org/openaccess.

Recording Policy

SEG may live stream and/or record your audio and presentation slides at the SEG Annual Meeting for delivery via the Internet and/or SEG on Demand. Only presentations for which the author has granted permission will be broadcast and/or recorded. Presentations to be recorded for SEG on Demand are selected from the list of accepted abstracts. **Granting permission to record your presentation does not guarantee that your presentation will be selected for recording.** Recordings compiled for sale on SEG on Demand are available to SEG members and nonmembers and will be available approximately four weeks after the Annual Meeting.

Technical Content

A good abstract presents technically correct ideas with a fresh and enlightening perspective. The discussion is pertinent and well-focused on the topic and is the appropriate length. Definitive conclusions are made and supported by data with appropriate figures and cogent, convincing arguments. If the abstract is part of an ongoing study, the work should represent a significant milestone with specific conclusions supported by data presented in figures.

Coherency, Style, and Grammar

Abstracts must be written in English. A well-written abstract is readily understandable, even if it has been translated. SEG partners with Editage to provide SEG authors with a discount on presubmission manuscript-preparation services including English editing and formatting. Visit https://editage.seg.org to receive a quote. Submitted work should be prepared according to the Instructions to Authors

(http://seg.org/Publications/Journals/-Geophysics/Information-for-Authors/Instructions-to-authors). SEG will publish the abstract exactly as it is received. Please proofread your abstract carefully because neither the Technical Program Committee nor the SEG Business Office staff will make any typographical or grammatical changes. Grammatical and typographical errors reflect on the entire Society and may be cause for rejection. **You will not be given the opportunity to resubmit a new version of your abstract after it has been submitted. NO EXCEPTIONS!**

Format
Authors must follow format guidelines (see Instructions for Typing Abstracts) and submitted abstracts with the appropriate forms. The abstract must be of sufficient length to cover the topic and allow reviewers to judge its quality but **must not exceed four pages (including graphics) or 10 MB file size**. REMEMBER: A reference list should NOT be included at the end of the expanded abstract and should be prepared separately.

Commercialism
Commercial reference may occur only once and then only to identify that certain products or services were used to incorporate the method being presented. The abstract shall contain no other reference to proprietary products, company names, or trademarks. Repeated references to products are cause for rejection.

Ethical Guidelines for SEG Publications
Authors are expected to follow Ethical Guidelines for SEG Publications and agree to be bound by its provisions, including penalties for violations. Please see http://www.seg.org/pubethics. SEG is a participating publisher in the Crossref Similarity Check anti-plagiarism system powered by iThenticate software. iThenticate identifies material that matches text from documents found in its extensive database. Identified text might include text that has been properly quoted and cited. Nonetheless, Expanded Abstracts receiving a similarity score of 30% or higher overall or more than 5% to any single source will be subject to further evaluation to determine if identified sections have been properly quoted, summarized, or paraphrased with proper attribution. Authors must not use their own previously published work without appropriate citations and, if exceeding the limits of fair use, permission from the original publisher.

Novelty
At the time of abstract submission, authors will be asked whether the submitted paper has been submitted to or presented previously at another conference or whether the paper has been submitted or presented previously with only small changes. While previous presentation is not necessarily a cause for rejection, the Technical Program Committee seeks submission of new ideas and applications. Permissions must be secured and attribution provided for any material previously presented or published.

First Claim to Publication
Authors agree to give SEG first claim to publication of an expansion of the Work into a journal article or book chapter if the authors produce one. Please consider whether an expansion of your work, with fresh expression and expansion of the ideas and descriptions rather than duplication of the expanded-abstract text, would be suitable for publication in GEOPHYSICS, *The Leading Edge*, or *Interpretation.*

Best Abstract Presentation
Please note that the quality of the abstract may be used as one of the criteria for selecting Best Paper presentation awards for those abstracts submitted to Technical Program topic areas.

Online Review Form

The information below is found in the online form reviewers will fill out for each abstract. Up to three reviews will be performed on each abstract. The selections below each heading (Commercialism, Coherency, etc.) are the options reviewers are given in that category, along with the corresponding weights.

Commercialism	Weight (Score)
None	0
Some but tasteful	-2
Blatant	-5

Coherency	Weight (Score)
Well written	2
Adequately communicates	1
Muddied but understandable	0
Difficult to understand	-1
Incomprehensible	-2

Illustrations	Weight (Score)
Clear and insightful	2
Average quality	1
Adequate but could be better	0
Poor illustrations/hard to understand	-1
Lacks needed figures	-2

Conclusions	Weight (Score)
Definite conclusions with data	2
Tentative conclusions/ongoing	1
Not supported by data	-1
No conclusions	-2

Relevance	Weight (Score)
Suitable for any audience	2
Suitable for specialist audience	1
Of little interest to any SEG member	-1

Technical Content	Weight (Score)
Innovative/novel	4
Technically solid, extends previous work	2
Reporting or demonstrating state-of-the-art	1
Technically OK but not innovative, or already well known	0
Lacking or poor technical content	-1
Not supported by known scientific methods	-2

Presentation Styles

You are required to select your preferred presentation style during submission. Please review the styles available and select the one you feel will best represent your abstract.

Poster Presentation
Poster presentations are best suited for abstracts that contain detailed mathematics, large-scale plots, or frequent correlation of several displays. They also are most appropriate for abstracts that are targeted to a focused audience or present difficult concepts that may require more than 20 minutes to develop. Poster presentations offer a unique opportunity for one-on-one communication and interaction between the presenter and the audience.

Authors of papers accepted as poster presentations will be asked to prepare their materials to display during the course of the meeting. If you are unable to present, contact the Technical Program Planner. Each poster presenter is given **one** (1) single board that is 8 feet wide by 4 feet high or 2.4 meters wide by 1.2 meters high. You will have use of the entire board area and must include the abstract title and author(s) in your presentation. Title cards will not be on the frame. Each presenter is assigned one presentation and discussion time for judging along with a time window to be at the poster for interaction with attendees. Upon acceptance, this information will be sent to you via e-mail in your official notification letter. Poster presenters are expected to be present at their poster stations during assigned presentation times.

Oral Presentations
Oral presentations are best suited for abstracts in which a specific and significant milestone is conveyed and in which the work and results can be demonstrated with clear data examples within the time allotted for talk. Oral presentations allow knowledge transfer to large audiences. Oral presentations will be 25 minutes.

Each of the oral-session rooms will be equipped with an LCD projector and computer equipment, one screen (Note: single-screen presentations only), a pointer, and microphones. Information regarding what is compatible with the equipment in the session rooms will be available in the Speaker Kit. A link to access the Speaker Kit will be e-mailed to the speaker for each accepted abstract. All PC-based presentations will utilize the SEG-provided computer and projector with no exceptions. A standard template for oral presentations has been set and is strongly recommended to be used when creating your presentation files.

Presentation Type Preference
Papers will be assigned to poster or oral (all 25-minute presentations) after the review process. You have the opportunity to designate your *preferred* presentation type when submitting your abstract. A no-preference option will be available. (Please note: Your preference is not always accommodated.)

Instructions for Typing Abstracts

As in past years, abstracts will be <u>published</u> online exactly as they are submitted. SEG staff will not edit or retype the copy. **<u>Significant violations of the format requirements will be immediate cause for rejection of an abstract</u>**.

A sample expanded abstract and Microsoft Word templates are available online for your reference. **<u>You will NOT be given the opportunity to resubmit a new version of your abstract. NO EXCEPTIONS!</u>**

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 but should be prepared separately and ready to enter during submission in the online form. References should be formatted according to SEG standards available online at http://seg.org/Publications/Journals/-Geophysics/Information-for-Authors/Instructions-to-authors **Please copy and paste your references into the appropriate submission field. If using LaTeX, please use a plain-text version of your references.** Please include digital object identifiers (DOIs) for each reference if they are available.
- Abstracts are **limited to <u>four</u> pages** and must be single-spaced. Note: You are able to submit four full pages without the reference list at the end of the expanded abstract. SEG will proof and compose the references that are provided in the online submission form and attach that page to your expanded abstract if it is accepted and published.
- Preferred font is 9-point, normal weight, Times New Roman or similar style.
- Fonts used in equations must be fully licensed and embeddable fonts. Be certain that type within figures is of a size that facilitates easy reading.
- 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 right and left sides. Authors may use one, two, or three columns of type per page and can change the number of columns within an abstract to accommodate illustrations. Your illustrations can be in color or black and white.
- The first page begins with the title of the abstract set in 11-point bold type, aligned on the left margin. **Use lowercase for all words in the title except for the first word and proper nouns.** The title should not exceed 235 characters.
- On the line immediately after the title of the abstract, enter the author name and affiliation line, which is the name and affiliation of each author in 10-point italic type, also aligned on the left margin. **Do not include cities and countries.** Place an asterisk (*) next to the name of the person presenting the abstract (e.g., Joe Smith* and Jill Brown, Baxter Research). Remember: The affiliation for each author should be listed as the company/institution that employed the author at the time the research was conducted.
- Enter two lines of space (two returns) between the last line of the author name and affiliation line and the first line of your abstract. Category headings (i.e., Summary) should be in 9-point bold type, left alignment only. Separate the category headings from the rest of the text with one line of space (one return) before and one line of space after the heading.
- Empty lines throughout the abstract should be 9-point.
- Paragraphs should not be indented; instead, separate paragraphs with one line of space (one return).
- Pages 2, 3, and 4 must contain a shortened version (not to exceed 40 characters) of the abstract title at the top of each page in 10-point bold type, aligned in the center of the abstract. There should be one line of space (one return) between the shortened title and the text of the abstract.
- Organization of the abstract's content should closely follow this scheme:

  1. Summary
  2. Introduction
  3. Theory and/or Method
  4. Examples (optional)
  5. Conclusions
  6. Acknowledgments (optional)

Instructions to Submit Online

Deadline: All expanded abstracts must be submitted via the online abstract submission system **before** 5 p.m. U.S. Central Daylight Time, 1 April 2019 for consideration.   Late submissions will not be accepted.

1. Prepare your computer. Your Internet browser must be one of the following:
    - Google Chrome
    - Microsoft Internet Explorer 8 or greater
    - Firefox 7 or greater

2. Before you begin the online submission process, gather all necessary information. You may use the abstract information form found at the conclusion of this kit to guide you in preparing your submission information. This information should include the following:
    - **Primary emphasis category**—Select one from the list provided in this kit.
    - **Keyword**—For indexing reasons, select five from the list included in this kit.
    - **Presentation Style**—Poster, Oral, or No Preference
    - **About Presentation**—Previously submitted to or presented at another conference, etc?
    - **Primary author information**—Include e-mail address, company name, full mailing address, phone number, SEG member number. A valid e-mail address is required.
    - **Primary contact information**—Include e-mail address, company name, full mailing address, phone number, SEG member number. *The primary contact MUST be available by e-mail.* The primary contact and the primary author may be the same person.
        - If the primary contact does not have a valid e-mail address, please obtain one. Free e-mail addresses are available from a variety of sources.
    - **Speaker information**—Include e-mail address, company name, full mailing address, phone number, SEG member number. A valid e-mail address is required. This is the person who will receive communication regarding this abstract.
    - **Secondary authors**—Include all authors of your paper. You will search our database for your authors. If they are not found, you will be responsible for entering their contact information. You will need his or her e-mail address, company name, full mailing address, phone number, SEG member number.
    - **References**—Remember that the reference list should not be included at the end of the expanded abstract and should be prepared separately and ready to enter in the online form. Please copy and paste your references into the appropriate submission field. If using LaTeX, please use a plain-text version of your references.
    - **Address**—This will be used only if we need to contact you via postal mail regarding your presentation. Please complete this section as you would if you were addressing an envelope to yourself. Please note that status notification letters will be sent only via e-mail.
    - **Intended Audience Selection**—Please select the category from the provided list that best describes your target audience relative to their assumed knowledge of the abstract's general topic area.
    - **Expanded Abstract**—The only file type that SEG will accept is PDF (.pdf). No security restrictions or links may be included in the files. Abstracts that are not in the prescribed format, with correct file name extensions, will not be accepted for review. Fonts must be embedded in your abstract. There is a 10 MB size limit on each uploaded abstract. Please have your abstract ready before you begin the online submission process.

3. When you are ready to submit online:
    - Using your Web browser, go to https://segam2019.abstractcentral.com/ for the online submission form.
    - If you cannot view Adobe Portable Document Format (.pdf), you will need to download Adobe Reader version 6.0 or higher to view your abstract online. You can get Adobe Reader free by going to https://get.adobe.com/reader/ and following the download instructions for your computer.
    - If you encounter problems, please contact the Technical Program Planner at techprog@seg.org for assistance.

Making PDF Files Using LaTeX

LaTeX templates for SEG Expanded Abstracts are available in the SEGTeX package.

To download SEGTeX please visit http://ahay.org/wiki/SEGTeX

Primary Emphasis Category List

As instructed on the previous page, please select one primary emphasis category to enter into the online submission form. This is required information.

Technical Program Topic Areas:

☐ Acquisition and Survey Design
☐ Anisotropy
☐ AVO and Seismic Inversion
☐ Borehole Geophysics
☐ Distributed Acoustic Sensing
☐ EM Exploration and Reservoir Surveillance
☐ Emerging Technologies
☐ Full Waveform Inversion
☐ Gravity and Magnetics
☐ Induced Seismicity
☐ Interpretation
☐ Machine Learning and Data Analytics for E&P
☐ Mining
☐ Multicomponent Seismic
☐ Multi-physics Data Integration
☐ Near Surface
☐ Passive Seismic
☐ Reservoir Characterization
☐ Rock Physics
☐ Seismic Modeling
☐ Seismic Processing: Emerging Technologies
☐ Seismic Processing: Migration
☐ Seismic Processing: Multiples, Noise and Regularization
☐ Seismic Theory
☐ Seismic Velocity Estimation
☐ Time Lapse
☐ Vertical Seismic Profile

Special Sessions:
Please note: Special Sessions are for invited speakers.

☐ Best of AAPG, URTeC, and SPE
☐ Booking P2 Reserves using Geophysical Data
☐ CO2 Monitoring
☐ DAS, Borehole, and Microseismic Geophysics for Unconventionals
☐ Eagle Ford
☐ Geomechanics and Geophysics
☐ Geoscientists Without Borders and Humanitarian Geophysics
☐ SEG/AGU Hydrogeophysics
☐ Machine Learning and Artificial Intelligence Applied to Geophysics
☐ Permian
☐ Recent Advances and the Road Ahead
☐ Surface Wave Method Applications
☐ Texas Water Resource Challenges

*Special Global Session: Latin America – New Plays and Challenges

*[Travel grants may be available for this session on Latin America. If your paper is accepted into this session, you will be contacted with more information.]

Keyword Table

The following list contains suggested keywords for indexing your abstract by subject. Please choose up to five of the keywords listed and enter them during submission.

2D
3C
3D
4C
4D
5D reconstruction
acceleration sensors
acoustic
acquisition
adaptive subtraction
Africa
air gun
airborne survey
algorithm
aliasing
amplitude
anisotropy
Antarctica
apparent resistivity
aquifer
archaeology
arrays
artificial intelligence
Asia
attenuation
attributes
Australia
autofocusing
AVO/AVA
azimuth
basement
beam
bed thickness
blind deconvolution
borehole acoustics
borehole geophysics
borehole measurements
boundary analysis
boundary conditions
broadband
bulk modulus
Canada
carbonate
case history
cased-hole and
   production logging
CSEM
Central America
chaos
chronostratigraphy
clastic
cloud computing
coal
coherency
common angle
common conversion point
common midpoint (CMP)
common offset
common receiver
common shot
completion
compressional
compressional wave
   (P-wave)
conductivity

conical wave
continuation
converted wave
core-log intergration
correlation
crosscorrelation
crosswell
crustal structure
curie depth
DAS (distributed acoustic
   sensors)
data reconstruction
datuming
deblending
decomposition
deconvolution
deepwater
density
depositional systems
depth conversion
depth migration
development and
   production
diagenesis
dielectric measurements
diffraction
dip moveout (DMO)
dispersion
displacement
distributed systems
divergence
diving wave
DMO
downhole receivers
downhole sources
downward continuation
earthquake
economics
edge detection
effective
elastic
electrical/resistivity
electromagnetics
elimination (SRME)
   microseismic
engineering
environmental
estimation
Europe
extensional
extrapolation
facies
faults
fiber-optic sensors
field experiments
filtering
finite difference
finite element
fluid
fluid flow in porous media
fluvial-deltaic
formation evaluation
Fourier
fractals
fracture imaging

fracture stimulation
fractures
frequency-domain
full-waveform inversion
gas
gathers
geology
geomatics
geomechanics
geophones
geostatistics
geothermal
global positioning systems
   (GPS)
global search
gradiometry
gravimeter
gravity
gravity tensor
ground-penetrating radar
   (GPR)
groundwater
Gulf of Mexico
head waves
heat flow
heterogeneous
high-angle wells
high-resolution
high-velocity layer
horizontal wells
HTI
hydrates
hydraulic fracturing
hydrocarbon production
hydrology
hydrophones
illumination
imaging
impedance
incompressibility
induced polarization (IP)
induced seismicity
integration
interferometry
internal multiples
interpolation
interpretation
invasion
inversion
isostasy
isotropic
K-L transform
Kirchhoff
land
layered
least squares
least-squares migration
life-of-field seismic (LoFS)
linear
lithology
log analysis
logging
logging while drilling
love wave
low frequency

machine learning
magnetic resonance
   measurements
magnetic susceptibility
magnetic tensor
magnetics
magnetization
magnetometer
magnetotelluric
mapping
marine
mass transport complex
mathematical transform
maximum entropy
maximum likelihood
measurement while drilling
   (MWD)
media incompressibility
Mexico
microseismic
Middle East
migration
minimum entropy
minimum likelihood
mining
modeling
monitoring
moveout
mudrocks
multiazimuth
multicomponent
multilinear algebra
multiparameter
Multiphysics
multiscale
multiples
navigation
near surface
neural networks
NMO
noise
nonlinear
North America
North Sea
nuclear
nuclear magnetic
   resonance
numerical
ocean-bottom cable
   (OBC)
ocean-bottom node
oceanography
offset
one-way
openhole logging
optimization
overthrust
P-wave
paleomagnetism
parallel
particle-velocity sensors
passive acquisition
passive filtering
passive imaging
passive noise suppression

permafrost
permeability
permanent reservoir
   monitoring (prm)
petrophysics
phase
polarization
pore pressure
porosity
poststack
predictive analytics
pressure sensors
prestack
processing
production
profiling
programming
properties
Q
radial transform
radiation
radiometrics
Radon transform
random
ray tracing
rayleigh wave
reciprocity
reconstruction
reduced-rank filtering
reflection
reflectivity
refraction
remanent magnetization
remote sensing

reservoir characterization
reservoir engineering
resistivity
resistivity log
resolution
reverse time migration
risk
rock physics
salt
rock core laboratory
    measurements
salt dome
sampling
sandstone
saturation
scattering
seafloor
sediment
sedimentology
seismic attributes
seismic geomorphology
seismic impedance
seismic stratigraphy
sensors
separation
sequence stratigraphy
sequestration
shale
shale gas
shallow
shear modulus
shear wave (S-wave)
scholte wave
signal processing

simultaneous source
sonic
sources
South America
sparse
spectral analysis
spontaneous potential
SRME (surface-related
   multiple elimination)
stacking
standards
statics
statistics
stratal slice
steep dip
Stoneley wave
stratigraphy
subbasalt
subsalt
surface consistent
surface nuclear magnetic
   resonance
surface wave
survey design
tectonics
tensor
tensor algebra
tensor completion
thermal conductivity
time-domain
time-lapse
time migration
time slice
tomography

total organic carbon
transmission
traveltime
TTI
tube wave
turbidite
turning ray
two-dimensional
ultrasonic
unconsolidated
unconventional
vector processing
velocity analysis
vertical seismic profile
   (VSP)
vibroseis
viscoelastic
visualization
volcanics
VTI
water
water table
wave equation
wave propagation
wavelet
wells
well geosteering
well-log interpretation
wireline logging
workstation
wide azimuth (WAZ)

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These agreements are executed during the online submission process.

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