

Abstract Submission Deadline: 1 April 2017 at 5 p.m. U.S. Central Daylight Time

OFFICIAL ABSTRACT KIT

Fourth International Conference on Engineering Geophysics (ICEG)

Al Ain, United Arab Emirates

9-12 October 2017

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 wishes to live stream and/or record select oral sessions to place on the SEG Web site. In order to do so, we must have a recording release for both your presentation file and the audio portion of your presentation. Please consider selecting “Yes” for these optional releases when making your expanded-abstract submission.**
- **Official notification letters will be sent only via e-mail and will be sent only to the individual listed as the primary contact of the abstract. **Please add no-reply@seg.org to your address book to ensure your letter is received.****

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 Fourth International Conference on Engineering Geophysics, you must submit online using SEG's program for submissions at seg.org/abstracts/ICEGC2017 and select "Start" under "Start Submission" The online program will open for submissions on **15 December 2016**. 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 5 MB file size limit per uploaded abstract.** Abstract submissions must be complete before **5 p.m. U.S. Central Daylight Time on 1 April 2017.**

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

Criteria for Abstract Acceptance

Abstracts submitted that are not properly formatted following the specifications laid out in the Official Abstract Kit will be rejected. The acceptance of your abstract by the 2017 ICEG Technical Program Committee is based on the quality of your submitted abstract and whether the abstract fits with 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. Each abstract will have up to four 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 International Conference on Engineering Geophysics. 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 Conference and on the Expanded Abstracts USB.

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 2017 ICEG, but full citation and proper acknowledgment of SEG's copyright is required.

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 ICEG for delivery via the Internet. Only presentations for which the author has granted permission will be broadcast and/or recorded. **Granting permission to record your presentation does not guarantee that your presentation will be selected for recording.**

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. Submitted work should be prepared according to the Instructions to Authors (<http://seg.org/Publications/Journals/-Geophysics/Information-for-Authors/Instructions-to-authors>).

Format

Authors shall have followed the 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 5 MB file size.**

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 CrossCheck anti-plagiarism system. CrossCheck 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

As a part of your abstract submission, you will be asked whether your 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*.

Online Review Form

The information below is found in the online form reviewers will fill out for each abstract. Up to four 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
Muddled 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	1
Of little interest to any SEG member	-1
Technical Content	Weight (Score)
Innovative/novel	4
Technically solid, extends previous work	2
Technically OK but not innovative	1
Lacking 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 are also 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 may be given **one** (1) single board that is 1.2 meters wide by 2 meters high or a digital screen 3mX2m. Confirmation will be sent in your acceptance notification of what you will be presenting on (board or digital screen). 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-email 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 20 minutes for presentation and 5 minutes for discussion.

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 primary contact for each accepted abstract. All PC-based presentations will utilize the SEG-provided computer and projector with no exceptions.

Presentation Type

Papers will be assigned to poster or oral 25 minutes (20 minutes for presentation and 5 minutes for discussion), after the review process. You have the opportunity to designate poster only when submitting your abstract.

Instructions for Typing Abstracts

Abstracts will be electronically published on removable media.

A sample expanded abstract and Microsoft Word templates for are available online for your reference. **You will NOT be given the opportunity to resubmit a new version of your abstract. 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).
- ◆ Abstracts are **limited to four pages** and must be single-spaced. 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 the font size in figures can be easily read.
- ◆ 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. Remember: The affiliation for each author should be listed as the company/institution the author was employed with at the time the research was completed (e.g., Joe Smith* and Jill Brown, Baxter Research).
- ◆ 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 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	4. Examples (optional)
2. Introduction	5. Conclusions
3. Theory and/or Method (optional)	6. Acknowledgments

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 2017 for consideration.

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.
 - ◆ **Keywords**—For indexing reasons, please provide keywords
 - ◆ **Presentation Style**—Poster, Oral, and 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. If you are a student, please mark “yes” in the student box in order to be considered for the student paper awards.
 - ◆ **Primary contact information**—Include e-mail address, company name, full mailing address, phone number, SEG member number. This is the person who will receive communication regarding this abstract. *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.
 - ◆ **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.
 - ◆ **Ship To 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**— 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 5 MB size limit on each uploaded abstract. Please have your abstract ready before you begin the online submission process.

Please see the abstract information form at the end of this document for further details about information supplied during the submission process.

3. If you are now ready to submit online:
 - ◆ Using your Web browser, go to <http://www.seg.org/abstracts> for the online submission form. A login to www.SEG.org will be required to submit an abstract.

- ◆ 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 <http://www.adobe.com/products/acrobat/readstep2.html> and following the download instructions for your computer.
- ◆ If you encounter problems, please contact the Technical Program Planner at techprog@seg.org for assistance.

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:

- Geohazards (Natural and Man-made)
- Engineering Geophysical methods
- Groundwater/Hydrogeophysics
- Archaeology and archaeogeophysics
- Soil characterization and Pavement Geoengineering
- Measurement technology and Data Processing
- Anomaly delineation and classification
- Geotechnical Procedures (imaging and monitoring)
- Method Integration
- Environmental and remediation innovations
- Environmental Radioactivity

Innovation Award

Meeting attendees wishing to join a distinguished pool of candidates being considered for one of four finalist spots in the Innovation Award oral session should submit a paper and accompanying application as described on the conference web page at <http://seg.org/Events/ICEG2017>.