

### Call for Papers: *SRL* Focus Section on Nonexplosive Active Source Monitoring and Imaging

*Seismological Research Letters* (*SRL*) announces a Focus Section on nonexplosive active source monitoring and imaging. In recent years, there have been many efforts worldwide to image crustal structure and monitor subtle subsurface velocity changes with nonexplosive active seismic sources, for example, air-guns, vibroseis, electric sources, accurately controlled routine-operated seismic sources (ACROSS), and piezoelectric sources. These types of active sources are environmentally green compared to chemical explosives that were widely used in continental-scale seismic exploration studies. They have also been used to image fine structures of the Earth's interior at various length scales and to monitor the subsurface structural changes associated with anthropogenic and natural events, such as earthquake and volcanic processes. This *SRL* focus section will emphasize new developments of nonexplosive active sources, data processing, subsurface imaging and monitoring with nonexplosive active sources, and their contribution to the advancement in earthquake, tectonic/volcanic, and environmental sciences, as well as their social impacts.

Guest editors for this focus section are:

- Fenglin Niu, Rice University, U.S.A. (niu@rice.edu)
- Koshun Yamaoka, Nagoya University, Japan (kyamaoka@seis.nagoya-u.ac.jp)

*SRL* focus sections usually contain no more than 15 papers to cover the breadth of the topic. The Editors will select a suite of papers from the proposals and may request that groups of authors combine efforts if their papers cover similar material. Interested authors please send inquiries and notices of intent to submit a paper to Guest Editor Fenglin Niu. The manuscript submission deadline is 1 November 2017. Publication is planned for the 2018 May/June issue.

Manuscripts should be submitted via <http://srl.edmgr.com> under the category "Active Source." Detailed instructions on how to prepare the manuscript

can be found at <https://www.seismosoc.org/publications/srl/srl-authorsinfo/>. The recommended length of the main text is no longer than 3000 words (including the main text, tables and figure captions, not including the title, author affiliation, abstract, and references). Papers with longer lengths may be submitted at the discretion of the editor.

Address questions about scientific issues to the guest editors or *SRL* Editor-in-Chief Zhigang Peng at [srleditor@seismosoc.org](mailto:srleditor@seismosoc.org). Address questions about submissions to *SRL* Managing Editor Mary George at [srl@seismosoc.org](mailto:srl@seismosoc.org).

### Call for Papers: *BSSA* Special Issue on Fifty Years after the 1967 Koyna Earthquake: Progress in Our Understanding of Reservoir-Triggered Seismicity (RTS)

The *Bulletin of the Seismological Society of America* (*BSSA*) is soliciting papers for a Special Issue on Reservoir-Triggered Seismicity (RTS). 10 December 2017 marks 50 years since the 1967 magnitude 6.3 Koyna earthquake in western India, recognized as the world's largest RTS event.

The earthquake killed about 200 people and injured more than 2000 people. Over the last five decades, a large volume of work has been carried out in Koyna and at other RTS sites worldwide, such as the Acu Reservoir, Brazil; the Aswan Reservoir, Egypt; the Oroville Reservoir, California; the Monticello Reservoir, South Carolina; and Nurek Dam, Uzbekistan. These studies explored the relationship between seismicity and water level changes in reservoirs and developed potential mechanisms for triggered seismicity. However, several critical issues remain unresolved, with a portion of the scientific community skeptical about the RTS mechanism itself. With this background, *BSSA* solicits papers for a special issue that takes stock of the recent developments and current understanding on the important subject of RTS, not only in Koyna but also at other globally recognized RTS sites, 50 years after the Koyna earthquake.

The proposed issue would include the following themes:

1. Earthquake patterns, seismogenic faults, and evolution of stress fields in RTS environments;
2. Subsurface structures from multidisciplinary data and their relation to potential trigger mechanisms;
3. Neotectonics, geomorphology, and patterns of surface deformation in RTS regions;
4. Hydrogeological and geophysical characteristics with reference to RTS;
5. Rock mechanical properties in RTS zones inferred from lab/field studies;
6. Recurrent triggered seismicity and its sustenance in relation to the local tectonics;
7. Modeling of RTS and its predictability;
8. Multiparametric precursory observations and prediction of triggered seismicity;
9. RTS in relation to regional tectonic evolution.

Guest Editors for the issue are:

- N. Purnachandra Rao, Chief Scientist, CSIR-National Geophysical Research Institute, Hyderabad, India, pcr Rao.ngri@gmail.com
- Kusumita Arora, Principal Scientist, CSIR-National Geophysical Research Institute, Hyderabad, India, karora\_ngri@yahoo.co.uk
- Alexander Ponomarev, Deputy Director, Institute of Physics of the Earth, Moscow, Russia, avp@ifz.ru
- Aderson Farias do Nascimento, Professor, Universidade Federal do Rio Grande do Norte, Brazil, aderson@geofisica.ufrn.br

Deadline for submission of manuscripts is 1 December 2017; publication date is summer 2018. Send inquiries or notices of intent to submit a paper to N. Purnachandra Rao. Submit your paper under “Koyna Earthquake” in the “Section” category using BSSA’s online submission system. The authors should follow BSSA’s author guidelines at <https://www.seismosoc.org/publications/bssa/author-information/>

Address questions about scientific issues to the guest editors or BSSA Editor-in-Chief Thomas Pratt at [bssaeditor@seismosoc.org](mailto:bssaeditor@seismosoc.org). Address questions about submission to Manuscript Coordinator Betty Schiefelbein at [bssamss@seismosoc.org](mailto:bssamss@seismosoc.org).

### 2017 Eastern Section SSA Annual Meeting Set for 8–10 October in Norman, Oklahoma

The 2017 Annual Meeting of the Eastern Section of the Seismological Society of America will be held on 8–10 October 2017 at the Embassy Suites Hotel and Conference Center in Norman, Oklahoma.

The meeting will focus on geophysical studies using the permanent and temporary seismic network in the central and eastern United States. Special sessions will include studies on induced seismicity, outcomes from local dense arrays, rapid responses for large earthquakes, and faults and structure in the central and eastern United States.

The 2017 ES-SSA Annual Meeting Organizing Committee includes Xiaowei Chen (University of Oklahoma Norman, [xiaowei.chen@ou.edu](mailto:xiaowei.chen@ou.edu)), Norimitsu Nakata (University of Oklahoma Norman, [nnakata@ou.edu](mailto:nnakata@ou.edu)), and Jake Walter (University of Oklahoma Norman, [jwalter@ou.edu](mailto:jwalter@ou.edu)).

Details of the meeting will be posted at <http://www.seismosoc.org/meetings/> as they become available.

### Call for Nominations: Jesuit Seismological Association Award for Contributions to Observational Seismology

The Eastern Section of the Seismological Society of America requests nominations for the 23rd Annual Jesuit Seismological Association Award for Contributions to Observational Seismology. The award honors outstanding contributions to observational seismology and may be given for one specific contribution or for contributions through the years. There are no restrictions on the recipients or achievements that can be nominated, but preference will be given to

- members of the Eastern Section,
- members of the Seismological Society of America, and
- contributions to the understanding of seismology and/or seismotectonics in eastern North America.

The recipient will be selected by an awards committee established by the Eastern Section.

## News and Notes (continued)

Nominations must be made by a member of the Eastern Section. If you wish to nominate someone, please send the name of the nominee and a one-page rationale for the nomination along with your name, your agency/institute and its location, and your telephone number and e-mail address to ES-SSA Secre-

tary Zhigang Peng at [zpeng@gatech.edu](mailto:zpeng@gatech.edu). For more information about the award, please visit [www.seismosoc.org/awards/jsa-award/](http://www.seismosoc.org/awards/jsa-award/). Nominations received up to 15 July 2017 will be considered for this year's award. ✉

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- Electronic access to past Annual Meeting presentations
- Travel grants and presentation awards available for the SSA Annual Meeting
- Access to the SSA online membership roster

Student members also qualify for discounted member rates for their first three years after graduation or leaving school. Learn more about SSA Student Membership at [www.seismosoc.org/students](http://www.seismosoc.org/students)



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