

# SEISMOLOGICAL RESEARCH LETTERS

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## **Seismological Research Letters—Submissions**

*Seismological Research Letters (SRL)* is a journal containing articles and items of broad appeal on topics in seismology and earthquake engineering. Articles submitted to *SRL* should be informational in nature and should be of current interest to a cross-section of SSA membership. Articles expressing some particular view about seismology or seismological research also will be accepted. Articles that contain original research results should be submitted to the *Bulletin of the Seismological Society of America (BSSA)*. News and notes, special reports on particular earthquakes, seismic network summaries, information on computer hardware or software pertinent to seismology, seismological equipment information, book reviews, and letters to the editor also are solicited for publication in *SRL*.

Consult the *SRL* Guidelines for Submissions on the Web at <http://www.seismosoc.org/publications/srl-contrib.html> for details about making submissions. In general, articles should not exceed 20 pages of double-spaced text (excluding figures) unless approved by the editor. Supplemental electronic supplements can now be considered for *SRL*; the electronic supplement policy is posted at [esupps.html](http://esupps.html).

Submissions are encouraged via e-mail or computer disk in Macintosh or IBM formats. For e-mailed submissions, enter the corresponding author's name in the subject field. Please also send three printed copies of submitted articles. All submissions should be sent to *SRL* Editor Luciana Astiz, at University of California, San Diego, Institute of Geophysics and Planetary Physics, 9500 Gillman Dr., La Jolla, CA 92093-0225 USA (post); 8765 Biological Grade, Rm. 2104, La Jolla, CA 92037 (courier); [lastiz@ucsd.edu](mailto:lastiz@ucsd.edu); +1-858-534-2976; +1-858-534-6354 (fax).

## **Submissions to the Eastern Section of the SSA (ES-SSA) Section of *SRL***

The ES-SSA Section of *SRL* is devoted to the seismology of continental interiors. Articles pertaining to eastern North American earthquakes, intraplate seismotectonics, and earthquake engineering are particularly encouraged. Three copies of articles for this section should be sent to the ES-SSA editor: Martin C. Chapman, Dept. of Geological Sciences, Virginia Polytechnic & State Univ., 4044 Derring Hall, Blacksburg, VA 24061; telephone +1-540-231-5036; fax +1-540-231-3386; e-mail [mcc@vt.edu](mailto:mcc@vt.edu). Appropriate review articles and tutorials are encouraged, as well as news and notes pertaining to the Eastern Section of SSA. Referees are sought on all ES-SSA papers exceeding four published pages in length. Page charges for articles in the ES-SSA Section are \$25 for each printed page. The editor may allow exceptions to the page charges under certain circumstances.

## **On the Cover**

The dense sampling of seismic wave-fields by the USArray Transportable Array is creating unique opportunities for seismic imaging of North America, as described in the article, "Upper Mantle Heterogeneity beneath North America from Travel Time Tomography with Global and USArray Transportable Array Data," beginning on page 384. On the cover, test inversions with synthetic data demonstrate the gradual eastward improvement of resolution of structure from February to November 2007 (top). Meanwhile, tomography with USArray data has begun to constrain interesting tectonic features in the western United States (bottom). Depth slices through the current MIT P-wave model reveal the contrast in detail resolved beneath the transportable arrays in the west and sparse station coverage in the central part of the continent. Twice yearly the tomographic model will be updated with new USArray travel-time data and made available to the geophysical community.

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