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Seismological Research Letters—Submissions

Seismological Research Letters (SRL) contains articles and items of broad appeal in seismology and earthquake engineering. Articles should be informational in nature and 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 *SRL*.

Consult the *SRL Information for Authors* at <http://www.seismosoc.org/publications/srl/srl-authorsinfo.php> for details about making submissions. In general, articles should not exceed 20 pages of double-spaced text (excluding figures) unless approved by the editor. Electronic supplements can be considered for *SRL*; the electronic supplement policy is posted at <http://www.seismosoc.org/publications/esupps.php>. The *SRL* Editor in Chief is Jonathan M. Lees, srled@seismosoc.org. Upload submissions via *SRL*'s electronic submission system at <http://srl.edmgr.com>. Direct questions about the system to the managing editor at srl@seismosoc.org.

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. The ES-SSA editor is Martin C. Chapman, e-mail mcc@vt.edu. Appropriate review articles and tutorials are encouraged, as well as news and notes pertaining to the Eastern Section of SSA. Page charges for articles in the ES-SSA Section are \$25 for each printed page; the editor may allow exceptions under certain circumstances. Upload submissions via *SRL*'s electronic submission system at <http://srl.edmgr.com>.

On the Cover

The massive tsunami that arose from the 11 March 2011 *M*9 great Tohoku earthquake powerfully demonstrated the difference between the tsunami hazards and ground-shaking hazards created by the same earthquake. The preponderance of loss, of both life and property, was due to the tsunami, not ground shaking. In this issue, Tom Hanks, Greg Beroza, and Shinji Toda explore this dichotomy in their article, "Have Recent Earthquakes Exposed Flaws in or Misunderstandings of Probabilistic Seismic Hazard Analysis?" *Front*: Before the Tohoku tsunami, Kiseki-no-ippon-matsu (Miracle Lone Pine) stood among 70,000 other trees that formed a storm-surge and tsunami barrier at Rikuzen-Takata along the Sanriku coast. Now it is the only survivor, its image captured here at sunrise on 8 March 2012. (Photo by Shinji Toda.) *Back*: These aerial photos show before (top) and after (bottom) the tsunami overwhelmed Rikuzen-Takata, ~75 km NNE of Sendai. Note that the tsunami barrier of pine trees is evident behind the beach in the top photo, but in the bottom photo it has all but vanished. (White arrow in bottom photo denotes the location of Miracle Lone Pine.) This forest was planted in 1667 and for centuries protected the city from storm surges and tsunamis. The massive and powerful surge of the Tohoku tsunami, coupled with coseismic subsidence, led to the destruction of the forest and its beach, as well as much of Rikuzen-Takata. The tsunami height here was 10–15 m, and it scalped the roadbed from the two bridges over the river in the foreground. (Photo courtesy of Syasinkikaku Co., Sendai, Japan.)

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