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 are also solicited for SRL.

Consult the SRL Information for Authors at http://www.seismosoc.org/publications/srl/srl-authorinfo.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 Zhigang Peng, 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 srled@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

Front: The 3 September 2016 Mw 5.8 Pawnee earthquake, widely felt throughout Oklahoma and neighboring states, may be the largest injection-induced earthquake recorded to date. The cover figure depicts the slip distribution of the earthquake as derived from Grandin et al. (this issue), one of 10 original research papers presented here in an SRL focus section about the earthquake. The focus section provides a complete view of the stress evolution leading to the mainshock inferred from foreshock activities and coupled poro-elastic modeling; coseismic stress changes and deformations from both seismological and geodetic observations; dynamic hydrological responses at far-field; and liquefaction observations from geoelectrical and surface mapping.

Back: The bottle shown here emerged shortly after the 18 October 1989 magnitude 7.1 Loma Prieta earthquake as earthwork was being done to repair liquefaction damage in San Francisco’s Marina District. Research reported by Hinzen et al. (this issue) indicates that it is an 8-ounce soda bottle from the Charles Belding Company, and several signs indicate that the bottle pre-dates the 1906 San Francisco earthquake. The location where the bottle was found suggests that it was among rubble from the 1906 earthquake used as artificial fill in the area before the 1914 Panama-Pacific International Exposition. This bottle probably survived two earthquakes 83 years apart.

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