SEISMOLOGICAL RESEARCH LETTERS

Volume 89, Number 2B, March/April 2018

Editor in Chief Zhigang Peng

Eastern Section Editor Martin C. Chapman

Associate Editors

Brendan Crowell Susan E. Hough Erol Kalkan Eric M. Thompson

Data Mine Editor Taka'aki Taira

EduQuakes Editor

Electronic Seismologist Editor
HUAJIAN YAO

Historical Seismologist Editor JOHN EBEL

Electronic Supplements Editor
KIM OLSEN

Managing Editor

Mary George Compositor

LUMINA DATAMATICS

Subscriptions to Seismological Research Letters (SRL): Information regarding institutional subscriptions can be found at https://www.seismosoc.org/publications/institutional-subscribers/. Members of the Seismological Society of America receive online access to SRL. Individuals may apply for membership by visiting https://www.seismosoc.org/.

Single copies: Many back issues of *SRL* are available from SSA Headquarters.

Seismological Research Letters (ISSN 0895-0695) is published bimonthly in January, March, May, July, September, and November by the Seismological Society of America, 400 Evelyn Avenue, Suite 201, Albany, CA 94706. Periodicals postage paid at Berkeley, California and at additional mailing offices.

Seismological Research Letters was formerly published as Earthquake Notes (ISSN 0012-8287) from 1929–1986.

Postmaster: Send address changes to Seismological Research Letters (SRL), 400 Evelyn Avenue, Suite 201, Albany, California 94706.

Communications regarding publications, apart from submission of manuscripts, should be addressed to the Seismological Society of America, 400 Evelyn Avenue, Suite 201, Albany, CA 94706.

© 2018 by the Seismological Society of America. Printed in the U.S.A. by The Sheridan Press, Hanover, Pennsylvania.



THE SEISMOLOGICAL SOCIETY OF AMERICA 400 Evelyn Avenue, Suite 201 Albany, California 94706 +1-510-525-5474; Fax +1-510-525-7204 http://www.seismosoc.org

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 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 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, mcc@vt.edu. Appropriate review articles and tutorials are encouraged, as well as news pertaining to the Eastern Section of SSA. Upload submissions via *SRL*'s electronic submission system at http://srl. edmgr.com.

On the Cover

Latin American countries share similar history, culture, and complicated tectonic settings, and most every Latin American country has experienced at least one earthquake that has significantly impacted its modern society, infrastructure, and economy. We focus here on Puerto Rico, where a century ago the 1918 $M_{\rm w}$ 7.3 Mona Canyon earthquake and subsequent tsunami caused extensive damage (front; photo from *Puerto Rico Ilustrado* c. 1918). Today the Puerto Rico Seismic Network (PRSN) monitors seismic activity in the region but more recently has dealt with damages of a different sort—the hurricane destruction of 2017. Hurricane Maria battered vast regions of the island, including the dock in Mayaguez that housed a GPS station and a tide gage (back; the GPS is shown but the tide gage was found 30 m inland; photo courtesy of PRSN). Both events and more are discussed in LaForge (this issue) and are topics at Seismology of the Americas in Miami, Florida, 14–17 May 2018, a joint conference of the Latin American and Caribbean Seismological Commission and the Seismological Society of America.

Authorization to photocopy items for internal or personal use, or for the internal or personal use of specific clients, is granted by the Seismological Society of America provided that the appropriate fee of \$3 per copy is paid directly to Copyright Clearance Center, ISSN 0895-0695, 222 Rosewood Drive, Danvers, MA 01923, USA; telephone 978-750-8400. Prior to photocopying items for educational classroom use, please contact Copyright Clearance Center at the above address. Consent for reproduction as described above does not extend to other types of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. For permission to reprint material, please read "Permission to Reproduce Material from SRL" near the back of this issue.