

The Seismological Society of America (SSA) is an international scientific society devoted to the advancement of seismology and the understanding of earthquakes for the benefit of society.

Bulletin of the Seismological Society of America

BSSA is the premier journal of advanced research in earthquake seismology and related disciplines. It first appeared in 1911. Each issue is composed of scientific papers on the various aspects of seismology, including investigation of specific earthquakes, theoretical and observational studies of seismic waves, inverse methods for determining the structure of the Earth or the dynamics of the earthquake source, seismometry, earthquake hazard and risk estimation, seismotectonics, and earthquake engineering. Special issues focus on important earthquakes or rapidly changing topics in seismology.

Subscriptions to *BSSA*: The 2016 subscription rate for institutions and other non-members within the United States is \$620 (\$670 outside the United States and \$710 in India) and includes both the print and electronic editions. An electronic-only edition is available for \$555 anywhere in the world; subscription applications are available at www.seismosoc.org.

Subscribers have access to the electronic edition of *BSSA* through www.bssaonline.org.

Members of the Seismological Society of America (SSA) are entitled to access the electronic editions of *BSSA* and SSA's other journal, *Seismological Research Letters (SRL)*. Members may also opt to purchase the print journals. For information, go to www.seismosoc.org/membership/.

Single Copies: Many back issues of *BSSA* are available from SSA headquarters at costs ranging from \$6 to \$35. Contact SSA or visit www.seismosoc.org for more information. All articles are available as pay-per-view PDF downloads at www.BSSAOnline.org.

Submissions: Submissions to *BSSA* are now done through an online submission system at www.bssa.edmgr.com. Guidelines are available at <http://www.seismosoc.org/publications/bssa/>.

THE BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA (ISSN 0037-1106) is published bimonthly in February, April, June, August, October, and December by the Seismological Society of America, 400 Evelyn Ave., Suite 201, Albany, CA 94706-1375. Periodicals postage paid at Berkeley, California, and at additional mailing offices.

POSTMASTER: Send address changes to: THE BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA (or *BSSA*), 400 Evelyn Ave., Suite 201, Albany, CA 94706-1375.

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 0037-1106, 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 contact the Seismological Society of America, 400 Evelyn Ave., Suite 201, Albany, CA 94706-1375, USA. E-mail: info@seismosoc.org.

The Seismological Society of America (SSA) no longer requires that permission be obtained from SSA or the author(s) for the use of tables, figures, or short extracts of papers published in SSA journals, provided that the source be appropriately and accurately cited. However, the author's permission must be obtained for modifying the material in any way beyond simple redrawing.

SSA recommends that the credit line read "authors, article title, journal title, volume number, page number(s), year, © Seismological Society of America."

SSA requires that the article be published by SSA before any material may be reproduced therefrom.

© 2016 by the Seismological Society of America

Printed in the U.S.A.



THE SEISMOLOGICAL SOCIETY OF AMERICA
400 Evelyn Ave., Suite 201
Albany, CA 94706-1375
(510) 525-5474; FAX (510) 525-7204
www.seismosoc.org

THE SEISMOLOGICAL SOCIETY OF AMERICA

MEMBERSHIP INFORMATION

The Seismological Society of America (SSA) is an international scientific society devoted to the advancement of seismology and the understanding of earthquakes for the benefit of society. As a member of SSA, you keep up to date with research in seismology and related fields through SSA's publications and conferences. You help define the concerns and research interests of the seismological community. You support SSA's efforts to communicate the results of earth-science research to those in government and industry who make decisions regarding seismic risk. You join other members throughout the world who represent a variety of technical interests: seismologists and other geophysicists, geologists, engineers, insurers, and policymakers in preparedness and safety.

As part of SSA membership, members have access to the full-text electronic editions of the Bulletin of the Seismological Society of America (BSSA) and Seismological Research Letters (SRL).

For an additional charge members may elect to receive either journal in print for the year of membership. SSA member benefits not only include access to the online editions of BSSA and SRL, but SSA

members also get immediate access to the online Member Roster, access to past years Annual Meeting presentations, receive discounts to Annual Meetings, are eligible to receive travel grants to meetings, and much more.

Dues for Regular members are \$100 annually and dues for Student members are \$25 annually. Members not living in high-income economies, as determined by the World Bank, are eligible for a discounted member rate of \$45 annually as Developing Country members.

Membership dues include standard media/economy rate shipping fees for members who wish to receive print journals. Priority shipping options are also available for an extra-charge.

SSA does offer Institutional subscriptions to BSSA and SRL. Further Institutional Subscriber information is available on the SSA website at www.seismosoc.org/institutional-subscribers.php.

To apply for membership in SSA, complete the online membership application at www.seismosoc.org/membership.



THE SEISMOLOGICAL SOCIETY OF
AMERICA

400 Evelyn Ave., Suite 201
Albany, CA 94706-1375
(510) 525-5474; FAX (510) 525-7204