



SEISMOLOGICAL SOCIETY OF AMERICA  
400 EVELYN AVENUE, SUITE 201  
ALBANY, CALIFORNIA 94706  
(510) 525-5474 • FAX (510) 525-7204

News Release News Release News Release News Release News Release

For Immediate Release

### **Collection of Research Papers on Himalayan Earthquake History Made Public by SSA**

SAN FRANCISCO (April 28, 2015)—In response to the April 25 earthquake in Nepal, the Seismological Society of America (SSA) is releasing a collection of previously published papers that examine the tectonics, structure and earthquake history of the Himalayas.

“To foster the exchange of information about this region, we are making research papers published by the Society’s two journals available to the public,” said SSA President Ruth Harris.

The selected papers were previously published in SSA’s two peer-reviewed journals, *Seismological Research Letters* (SRL) and the *Bulletin of the Seismological Society of America* (BSSA). Additional articles may be added to the collection, which will be publicly available until June 30, 2015.

Below are links to the online articles. Older articles are available only as a PDF file and will need to be downloaded prior to viewing. For more recent articles, an abstract will offer the reader a choice to either download the PDF or read the full text online.

The Nepal Virtual Issue is available at BSSA Online and GeoScienceWorld.org. Direct URLs for the collection contents page are:

[http://www.bssaonline.org/site/misc/NepalVirtualIssue.xhtml?fm\\_preview=1](http://www.bssaonline.org/site/misc/NepalVirtualIssue.xhtml?fm_preview=1)

and

[http://bssa.geoscienceworld.org/site/misc/NepalVirtualIssue.xhtml?fm\\_preview=1](http://bssa.geoscienceworld.org/site/misc/NepalVirtualIssue.xhtml?fm_preview=1)

The collection can also be reached from the Special Issues page on either site:

<http://bssaonline.org/site/misc/specialissue.xhtml>

and

<http://bssa.geoscienceworld.org/site/misc/specialissue.xhtml>

The following is a current list of papers included in the collection:



**SRL:**

2013 – M.L. Sharma, A. Sinvhal, Y. Singh, and B.K. Mahashwari  
[Damage survey report for Sikkim earthquake of 18 September 2011](#)  
Seismological Research Letters January/February 2013  
84:1 pp.49-56  
<http://srl.geoscienceworld.org/content/84/1/49.extract>

2013 – C. P. Rajendran, Kusala Rajendran, Jaishri Sanwal, and Mike Sandiford  
[Archeological and Historical Database on the Medieval Earthquakes of the Central Himalaya: Ambiguities and Inferences](#)  
Seismological Research Letters, November/December 2013  
84:6 pp.1098-1108  
<http://srl.geoscienceworld.org/content/84/6/1098.extract>

2013 – Chris Goldfinger, Yasutaka Ikeda, Robert S. Yeats, and Junjie Ren.  
[Superquakes and supercycles](#)  
Seismological Research Letters January/February 2013  
84:1 pp.24-32.  
<http://srl.geoscienceworld.org/content/84/1/24.extract>

2013 – Bilham, R., B.S. Bali, S. Ahmad & C. Schiffman  
[Oldham's Lost Fault](#)  
Seismological Research Letters July/August 2013  
84:4 pp.702-710  
<http://srl.geoscienceworld.org/content/84/4/702.extract>

2013 – Bilham, R.  
[Tom La Touche and the Great Assam Earthquake of 12 June 1897: Letters from the Epicenter](#)  
Seismological Research Letters May/June  
79:3 pp.426-437  
<http://srl.geoscienceworld.org/content/79/3/426.extract>

2013 – Nicholas Ambraseys and Roger Bilham  
[The Sarez-Pamir Earthquake and Landslide of 18 February 1911](#)  
Seismological Research Letters, March/April 2012  
83:2 pp.294-314  
<http://srl.geoscienceworld.org/content/83/2/294.extract>

2009 - A. Raj, S. K. Nath, B. K. Bansal, K. K. S. Thingbaijam, A. Kumar, N. Thiruvengadam, A. Yadav, and M. L. Arrawatia



[Rapid Estimation of Source Parameters Using Finite Fault Modeling—Case Studies from the Sikkim and Garhwal Himalayas](#)

Seismological Research Letters January/February 2009

80:1 pp.89-96

<http://srl.geoscienceworld.org/content/80/1/89.extract>

**BSSA:**

2013 - P. Mahesh, S. S. Rai, K. Sivaram, Ajay Paul, Sandeep Gupta, Rajagopala Sarma and V. K. Gaur

[One-dimensional reference velocity model and precise locations of earthquake hypocenters in the Kumaon-Garhwal Himalaya](#)

Bulletin of the Seismological Society of America February 2013

103:1 pp.328-339

<http://bssa.geoscienceworld.org/content/103/1/328.abstract>

2011 - Avinash Nayak, Sankar Kumar Nath, Kiran Kumar Singh Thingbaijam and Saurabh Baruah

[New insights into path attenuation of ground motions in northeast India and northwest Himalayas](#)

Bulletin of the Seismological Society of America October 2011

101:5 pp.2550-2560

<http://bssa.geoscienceworld.org/content/101/5/2550.abstract>

2010 - Szeliga, W., S. Hough, S. Martin and R. Bilham

[Intensity, magnitude, location and attenuation in India for felt earthquakes since 1762](#)

Bulletin of the Seismological Society of America April 2010

100, 2, pp. 570-584.

<http://bssa.geoscienceworld.org/content/100/2/570.abstract>

2008 - S. Mukhopadhyay, J. Sharma, R. Massey and J. R. Kayal

[Lapse-time dependence of coda Q in the source region of the 1999 Chamoli earthquake](#)

Bulletin of the Seismological Society of America August 2008

98:4 pp.2080-2086

<http://bssa.geoscienceworld.org/content/98/4/2080.abstract>

2003 – Nicolas Ambraseys and Roger Bilham

[Reevaluated intensities for the Great Assam earthquake of 12 June 1897, Shillong, India](#)

Bulletin of the Seismological Society of America April 2003

93:2 pp.655-673

<http://bssa.geoscienceworld.org/content/93/2/655.abstract>

2005 - Thomas L. de la Torre and Anne F. Sheehan



SEISMOLOGICAL SOCIETY OF AMERICA  
400 EVELYN AVENUE, SUITE 201  
ALBANY, CALIFORNIA 94706  
(510) 525-5474 • FAX (510) 525-7204

News Release News Release News Release News Release News Release

[Broadband seismic noise analysis of the Himalayan Nepal Tibet seismic experiment](#)

Bulletin of the Seismological Society of America June 2005

95:3 pp.1202-1208

<http://bssa.geoscienceworld.org/content/95/3/1202.abstract>

1986 - Harsh K. Gupta and Kusala Rajendran

[Large artificial water reservoirs in the vicinity of the Himalayan foothills and reservoir-induced seismicity](#)

Bulletin of the Seismological Society of America February 1986

76:1 pp.205-215

<http://bssa.geoscienceworld.org/content/76/1/205.abstract>

1980 - D. D. Singh and H. K. Gupta

[Source dynamics of two great earthquakes of the Indian subcontinent; the Bihar-Nepal earthquake of January 15, 1934 and the Quetta earthquake of May 30, 1935](#)

Bulletin of the Seismological Society of America June 1980

70:3 pp.757-773

<http://bssa.geoscienceworld.org/content/70/3/757.abstract>

1975 - A. N. Tandon and H. N. Srivastava

[Focal mechanisms of some recent Himalayan earthquakes and regional plate tectonics](#)

Bulletin of the Seismological Society of America August 1975

65:4 pp.963-969

<http://bssa.geoscienceworld.org/content/65/4/963.abstract>

1973 - Harsh K. Gupta, Dragutin Skoko and Yasuo Sato

[Accuracy of determination of epicenter and origin time of small-magnitude earthquakes in the Indian subcontinent](#)

Bulletin of the Seismological Society of America December 1973

63:6-1, pp.1901-1912

<http://bssa.geoscienceworld.org/content/63/6-1/1901.abstract>

1973 - J. G. Negi and V. P. Singh

[Love-wave dispersion analysis for the crustal structure of laterally inhomogeneous Himalayas](#)

Bulletin of the Seismological Society of America June 1973

63:3 pp.1163-1172

<http://bssa.geoscienceworld.org/content/63/3/1163.abstract>

1969 - P. N. Agrawal

[Structural response results during the June 27, 1966 earthquake in Nepal-India border region](#)

Bulletin of the Seismological Society of America April 1969



SEISMOLOGICAL SOCIETY OF AMERICA  
400 EVELYN AVENUE, SUITE 201  
ALBANY, CALIFORNIA 94706  
(510) 525-5474 • FAX (510) 525-7204

News Release News Release News Release News Release News Release

59:2 pp.771-775

<http://bssa.geoscienceworld.org/content/59/2/771.abstract>

1968 - K. L. Kaila, P. R. Reddy and Hari Narian

[P-wave travel times from shallow earthquakes recorded in India and inferred upper mantle structure](#)

Bulletin of the Seismological Society of America December 1968

58:6 pp.1879-1897

<http://bssa.geoscienceworld.org/content/58/6/1879.abstract>

1968 - K. L. Kaila, P. R. Reddy and Hari Narain

[Crustal structure in the Himalayan Foothills area of North India, from 'P' wave data of shallow earthquakes](#)

Bulletin of the Seismological Society of America April 1968

58:2 pp.597-612

<http://bssa.geoscienceworld.org/content/58/2/597.abstract>

1967 - Harsh K. Gupta and Hari Narain

[Crustal structure in the Himalayan and Tibet Plateau region from surface wave dispersion](#)

Bulletin of the Seismological Society of America April 1967

57:2 pp.235-248

<http://bssa.geoscienceworld.org/content/57/2/235.abstract>

###