

GÖRAN EKSTRÖM

Education:

Harvard University, Department of Earth and Planetary Sciences: Ph.D. (geophysics), 1987

Moscow State University, USSR: Exchange researcher, 1981-1982

Swarthmore College, Pennsylvania: B.A. (physics) with high honors, 1981

Professional Experience:

Columbia University, Department of Earth and Environmental Sciences

Professor of Earth Sciences, 2006–

Harvard University, Department of Earth and Planetary Sciences

Professor of Geology and Geophysics, 1995–2006; John L. Loeb Associate Professor of the Natural Sciences, 1994–1995; Assistant Professor of Geophysics, 1990–1994

Istituto Nazionale di Geofisica e Vulcanologia, Italy

Visiting Scientist, March 2005, September–December 1997

USGS National Earthquake Information Center, Boulder CO

Senior Scientist in Residence, April 2004

Institut de Physique du Globe de Paris

Visiting Professor, March–May 1998; CNRS Visiting Research Scientist, April 1989–September 1989

Lamont-Doherty Geological Observatory of Columbia University

Associate Research Scientist, 1988–1990; Lamont-Doherty Postdoctoral Fellow, October 1987–1988

Recent Service to the Earth Science Community:

ISC (International Seismological Centre), Governing Council, 2015–, chair 2021–

ISC Executive Committee, 2015–2021, chair 2019–2021

GEOSCOPE (France) Scientific Committee, 2008–

USGS Scientific Earthquake Studies Advisory Committee, 2016–2020

FDSN (International Federation of Digital Seismograph Networks), chair, 2013–2017

EPOS (European Plate Observing System), Advisory Board, 2010–2020

Earth Observatory of Singapore, Scientific Advisory Board, 2009–2020

EarthScope Steering Committee, chair, 2008–2011

European Commission Expert Scientific Reviewer, NERIES Project, 2008

Seismological Society of America, Richter Award Subcommittee, chair, 2009–2011

National Earthquake Prediction Evaluation Council, 2006–2009

Incorporated Research Institutions for Seismology

Executive Committee, chair, 2002–2004; vice chair, 1999–2001; member, 1993–1995; Planning Committee, 2002–2007; Global Seismic Network Standing Committee, chair, 1995–1998; Joint Seismic Program Committee, 1991–1996 (chair, 1994–1996); Data Management System Standing Committee, 1991–1993

USArray EarthScope Advisory Committee, 2007–2008

EarthScope Facilities Executive Committee, 2002–2004

EarthScope Working Group, 2001–2002

Gordon Conference on Earth's Interior, 2003–2007 (chair, 2006–2007)

Honors:

Member, National Academy of Sciences, 2019

Gutenberg Medal, European Geosciences Union, 2015

AGU Fellow, 1999

Phi Beta Kappa, 1981

Publications

- *Ekström, G., Centroid-moment tensor solution for the April 24, 1984 Morgan Hill, California, earthquake, *CDMG Special Publication 68, The 1984 Morgan Hill, California earthquake*, 209-213, 1985.
- Ekström, G., and A. M. Dziewonski, Centroid-moment tensor solutions for 35 earthquakes in Western North America (1977-1983), *Bull. Seism. Soc. Am.*, 75, 23–39, 1985.
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- Ekström, G., A. M. Dziewonski, and J. M. Steim, Single station CMT; Application to the Michoacan, Mexico earthquake of September 19, 1985, *Geophys. Res. Lett.*, 13, 173–176, 1986.
- *Ekström, G., *A broad band method of earthquake analysis*, Ph. D. Thesis, Harvard University, Cambridge, Massachusetts, 1987.
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- Ekström, G., and P. C. England, Seismic strain rates in regions of distributed continental deformation, *J. Geophys. Res.*, 94, 10,231–10,257, 1989.
- Ekström, G. and E. R. Engdahl, Earthquake source parameters and stress distribution in the Adak Island region of the central Aleutian Islands, *J. Geophys. Res.*, 94, 15,499–15,519, 1989.
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- Virieux, J., and G. Ekström, Ray tracing on a heterogeneous sphere by Lie series, *Geophys. J. Int.*, 104, 11-27, 1990.
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- Ekström, G., Anomalous earthquakes on volcano ring-fault structures, *Earth Planet. Sci. Lett.*, 128, 707–712, 1994.

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