

Simon Klemperer

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Professor of Geophysics and, by courtesy, of Geological Sciences



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Internet Links:

- [Google Scholar Profile](#)
- [Research Group: Crustal Geophysics](#)

Bio	Research & Scholarship	Teaching	Publications
<ul style="list-style-type: none"> ■ Professor, Geophysics ■ Professor (By courtesy), Geological Sciences <p>Professor of Geophysics and leader of the "Crustal" research group that studies structure, tectonics, deformation, growth and composition of the continental lithosphere, using active and passive seismology. Director of the undergraduate program in Geophysics, and co-Director of the School of Earth Sciences Summer Undergraduate Research Program.</p> <h3>Administrative Appointments</h3> <ul style="list-style-type: none"> ■ Technical Assistant, Rutherford Laboratory, Chilton, Oxfordshire (1976 - 1977) ■ Research Associate, BIRPS, Cambridge University (1985 - 1987) ■ Royal Society University Research Fellow, BIRPS, Cambridge University (1987 - 1990) ■ Visiting Scientist, U.S. Geological Survey (1985 - 1985) ■ Associate Professor, Stanford University (1990 - 2005) ■ Associate Professor (by courtesy) Geological and Environmental Sciences, Stanford University (1995 - 2005) ■ Visiting Professor in Geology, Royal Holloway, University of London (1999 - 2004) ■ Professor (by courtesy) Geological and Environmental Sciences, Stanford University (2005 - Present) ■ Professor of Geophysics, Stanford University (2005 - Present) <h3>Honors and Awards</h3> <ul style="list-style-type: none"> ■ Milton Dobrin Scholar, Society of Exploration Geophysicists (1982 - 1984) ■ Fellow, Royal Society University Research Fellowship (1987 - 1990) ■ President's Award, Geological Society of London (1988) ■ Fellow, Geological Society of America (1995) ■ Recipient, Allan V. Cox Medal for faculty excellence fostering undergraduate research (2008) ■ Distinguished Lecturer, NSF-MARGINS program (2008-2010) ■ School of Earth Sciences Excellence in Teaching Award, Stanford University (2010) 			

University Service and Professional Activities

- Department of Geophysics Fellowship Committee, Chair, Stanford University (2012 - Present)
- NASA Review Panel, Earth Surface and Interior (2012 - 2012)
- Career Advisory Board, Career Development Center, Stanford University (2011 - Present)
- Department of Geophysics Graduate Admissions Committee, Stanford University (2011 - Present)
- Editorial Advisory Board, Himalayan Geology (2011 - Present)
- Invited Speaker, International Symposium on Deep exploration of the Lithosphere, Beijing (2011 - 2011)
- SES Computational Earth Sciences Committee, Stanford University (2010 - Present)
- Scientific Advisor, Sinoprobe, China's national program to explore the deep structure of China (2010 - Present)
- Co-convenor, 25th Himalaya-Karakoram-Tibet International Workshop, San Francisco, June (2010 - 2010)
- Lead Convener, NSF Workshop on "Future directions for NSF-sponsored geoscience research in the Himalaya/Tibet" (2010 - 2010)
- Chair, Geophysics Undergraduate Curriculum Committee, Stanford University (2009 - 2010)
- Aurora Forum public lecture and KQED radio broadcast, Tibet, where continents and cultures collide (2009 - 2009)
- Invited speaker, Gravity & Magnetism Luncheon, Society of Exploration Geophysicists (2009 - 2009)
- Committee on Review of Undergraduate Majors (C-RUM) of the Academic Council, Stanford University (2008 - 2011)
- NSF-MARGINS Distinguished Lecture tour, Lamont, U of Arizona, UC Riverside, SF State, SMU, MSU, Chapman, UC Ft.Collins, PGS (2008 - 2010)
- Planning committee, NSF-MARGINS program, Second Decade (2008 - 2008)
- Chair, Thompson Postdoctoral Fellow search, Stanford University (2007 - Present)
- Co-Director, School of Earth Sciences (Summer) Undergraduate Research program, Stanford University (2007 - Present)
- Freshman Advisor, Stanford University (2007 - 2010)
- Secretary, U.S. Commission on Controlled-Source Seismology (2007 - 2010)
- Director, Geophysics (Summer) Undergraduate Research Program, Stanford University (2006 - 2006)
- Director of Undergraduate Studies, Department of Geophysics, Stanford University (2005 - Present)
- GES Undergraduate Curriculum Committee, Stanford University (2005 - 2006)
- SES Diversity Committee, Stanford University (2005 - 2006)
- Convenor, Earthscope Workshop, 3D seismic reflection at the SAFOD site (2005 - 2005)
- Convenor, US-Africa Workshop, Anatomy of Continental Rifts, Addis Ababa (2004 - 2004)
- Keynote speaker, Channel Flow in Continental Collision Zones, Geological Society, London (2004 - 2004)
- University EHS Earthquake Building Assessment Team, Stanford University (2003 - Present)
- Geophysics Faculty Safety Representative, Stanford University (2002 - Present)
- ILP Project III-8 Committee Member, Processes and Geodynamics in the Formation and Exhumation of Ultrahigh-Pressure Metamorphic Terrain (2002 - 2005)
- Organizer, Stanford presence, AGU Academic Showcase (Fall) Meeting (2002 - 2005)
- Convenor, NSF-IFREE-MARGINS workshop, Izu-Bonin-Mariana Subduction Factory (2002 - 2002)
- Convenor, The George Thompson Symposium: The Lithosphere of Western North America and its Geophysical Characterization, Stanford University (2001 - 2001)
- Department Admissions Chair, Stanford University (2000 - 2005)
- Invited speaker, universities of Cambridge, Durham, London, Leicester (1999 - 1999)
- Invited speaker, universities of Cambridge, Durham, London, Leicester (1999 - 1999)
- Member, NSF EAR Continental Dynamics Review Panel (1998 - 2004)
- Earth Sciences Library Committee, Stanford University (1997 - Present)
- Member, NSF EAR-OCE MARGINS Science Committee (1997 - 2002)
- Member, ILP Project Team, Ocean-Continent Lithosphere Boundary (1997 - 1999)
- Earth Sciences Ocean Margins Initiative Committee, Stanford University (1995 - 1998)
- Director, School of Earth Sciences Geographic Information Systems Lab, Stanford University (1994 - 1999)
- Sophomore Advisor, Stanford, Stanford University (1992 - 2005)
- Ex Officio member, IRIS Standing Committee, Program for Array Seismic Studies of the Continental lithosphere (1992 - 1999)
- Freshman Advisor, Stanford University (1991 - 2005)
- Stanford Rhodes-Marshall Panel, Stanford University (1991 - 2005)
- Director, IRIS-PASSCAL Instrument Center (1991 - 1998)
- Faculty Advisor, Masters in Exploration and Development Program, Stanford University (1990 - 1998)

Education

- Ph.D., Cornell University, Geophysics (1985)
- M.A., Cambridge University (1984)
- B.A., Cambridge University, Mineralogy and Petrology (1980)

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