

<u>Office Address</u> Institute of Geophysics School of Earth Science Victoria University of Wellington Box 600, Wellington, New Zealand	<u>Telephone</u> (644)463-5961 (office) (644)463-5186 (fax) (644)938-5152 (home) Email: Martha.Savage@vuw.ac.nz	<u>Home Address</u> 22 Firth Terrace Karori, Wellington New Zealand Email:mlsavage@paradise.net.nz
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## Professor Martha Kane Savage

<b>Citizenship</b>	New Zealand and United States of America
<b>Education</b>	<b>University of Wisconsin-Madison</b> , Madison, Wisconsin. Ph.D. in Geophysics, 1987. M.S. in Geophysics, 1984. Dissertation title <i>Spectral Properties of Hawaiian Microearthquakes: Source, Site, and Attenuation Effects</i> .
	<b>Swarthmore College</b> , Swarthmore, Pennsylvania. B.A. in Physics with Honors, May 1979. Minor in Mathematics and Engineering.
<b>Honors/Awards</b>	<p>1975-1979: US National Merit Scholar.</p> <p>1979: Elected to Phi Beta Kappa and Sigma Xi, a scientific research society.</p> <p>1981-1987: Hertz Fellow (awarded nationally to the most promising graduate students in applied physics).</p> <p>1995: Editors Citation for Excellence in Refereeing for Geophysical Research Letters</p> <p>1993 paper ranked as third most highly cited paper in the journal, Physics of Earth and Planetary Sciences, for period of 1992-1996.</p> <p>2003: Victoria University of Wellington Award for Excellence in Research, 2003.</p> <p>2004: Geophysics Prize for best paper published by a New Zealand author in previous two years, for 2002 paper with Tim Little and Basil Tikoff.</p> <p>2005-2009: Earthquake Commission proposal evaluation panel member</p> <p>2008: Geology Board of Editors citation as Exceptional Reviewer</p> <p>2008: Tectonophysics Certificate as Top Reviewer</p> <p>1996, 2001, 2009: Awarded 3-year grants from the New Zealand Marsden Fund.</p> <p>2010-2011: Editor in Chief of Tectonophysics.</p> <p>2011-2014: Appointed to GNS Science Strategic Scientific and User Advisory Panel.</p> <p>2011: Appointed to Marsden Fund proposal evaluation panel.</p> <p>2011: Elected as a Fellow of the Royal Society of New Zealand</p> <p>2013 New Zealand Geophysics Prize for paper published in 2013 with Stuart Henrys and 13 others</p> <p>2015: New Zealand Geophysics Prize for paper published in 2015 with Tim Stern and seven others.</p> <p>2015: Elected as a Fellow of the American Geophysical Union</p>
<b>Professional Societies/Service</b>	<p>New Zealand Geophysical Society, American Geophysical Union, Seismological Society of America, IRIS (Incorporated Research Institutions for Seismology) representative; Member of IRIS Data Management Standing Committee 1993-1994; New Zealand Geophysical Society Council member 1996-1999, Treasurer 1997-1998, Conference organizer 1999. Served on 1994 National Science Foundation Panel evaluating proposals to special study of Northridge Earthquake.</p> <p>2006: Tectonophysics Editorial Board</p> <p>2007: Guest editor for special section of Journal of Seismology published in 2009.</p> <p>2008: One of organizing committee for international workshop: The Evison Symposium on Seismogenesis and Earthquake Forecasting</p> <p>2008: Geology Magazine Editorial Board</p> <p>2008: Corresponding guest editor for special session of Pure and Applied Geophysics stemming from the Evison Symposium.</p> <p>2012-2014: Member of nominations committee for AGU Tectonophysics section.</p> <p>2013-present: Member of nominations committee for Royal Society of New Zealand, Earth Science section.</p> <p>2013-2016: Editorial board member for journal <i>Earth, Planets and Space</i></p> <p>2015-present: Editor, Journal of Geophysical Research</p> <p>2016-2017: AGU Seismology section Fellows committee (char in 2017)</p> <p>2018: AGU Fellows selection committee</p>

<b>Citations</b>	Through June 2018, according to Google Scholar there have been over 5500 citations of articles authored or coauthored by Professor Savage. Her h-index is 36 and i10-index is 83. Google Scholar URL: <a href="https://scholar.google.co.nz/citations?user=PR7X0vIAAAAJ&amp;hl=en">https://scholar.google.co.nz/citations?user=PR7X0vIAAAAJ&amp;hl=en</a> ISI Web of Science ResearcherID: F-1857-2011
<b>Experience</b>	
2013-2015	<i>Deputy Head of School</i> , School of Geography, Environment and Earth Sciences, Victoria University of Wellington.
2012, 2016	<i>Visiting Professor</i> , Earthquake Research Institute, University of Tokyo
2009-present	<i>Professor of Geophysics</i> , Victoria University of Wellington.
2003-2present	<i>Visiting Investigator</i> , Department of Terrestrial Magnetism, Carnegie Institute of Washington. Collaborate with Paul Silver and David James on projects relating to seismic anisotropy and Hawaiian microearthquakes.
2008	<i>Visiting Professor</i> , Earthquake Research Institute, University of Tokyo, full support provided.  <i>Visiting Fellow</i> , University of Kyoto, Japan, supported by Japan Society for the Promotion of Science
2003-2008	<i>Associate Professor</i> , Victoria University of Wellington. (Rank equivalent to Professor in America)
1997-2002	<i>Senior Lecturer</i> , Victoria University of Wellington. (Rank equivalent to Associate Professor in America)
1995-1996	<i>Lecturer</i> , Victoria University of Wellington. Full-time academic position, teaching undergraduate physics and graduate geophysics students and carrying out geophysical research. (Rank equivalent to Assistant Professor in America)
1994-1998	<i>Research Associate Professor</i> , University of Nevada, Reno.
1990-1994	<i>Research Assistant Professor</i> , University of Nevada, Reno. Worked part time, except for one year of full-time work. Supported self and students by writing proposals and managing research grants and contracts with NSF and USGS.
Sep-Nov 1989	<i>Associate Seismologist</i> , California Division of Mines and Geology. Analyze and distribute data from network of over 500 strong motion seismographs. Prepare technical reports and correspondence.
1987-1989	<i>Research Seismologist</i> , University of Nevada-Reno. Supervised operation of 55-station seismic network, and conducted research using network data. Supported self, staff and network by writing proposals and managing research grants and contracts.
1986-1987	<i>Teaching Assistant</i> , University of Wisconsin-Madison.
1981-1986	<i>Hertz Fellow</i> , Conducted research toward thesis at University of Wisconsin-Madison. Participated in field programs in Wisconsin, Utah, and Italy.
Spring 1981	<i>Technical Assistant</i> , Bell Laboratories, Murray Hill, N.J. Analyzed geomagnetic variations to study micropulsation events.
1979-1980	<i>Field Observer</i> , South Pole Station, Antarctica. Sole person in charge of keeping cosmic ray, auroral, and electric field experiments operational through the year.
Summer 1979	<i>Research Assistant</i> , Geophysical Institute, University of Alaska, Fairbanks, Alaska. Used electrical conductivity and thermal measurements to map hot springs area. Studied permafrost depth distribution by examining oil well logs.
Summer 1978	<i>Participant</i> , Summer Research Program for Minorities and Women, Bell Laboratories, Murray Hill, N.J. Developed a computer model for low energy electron diffraction experiments on crystal surfaces.
Summer 1977	<i>Technical Assistant</i> , Bell Laboratories, Murray Hill, N.J. Built a portable magnetometer. Wrote software to analyze magnetometer data.

**Publications,** See attached sheets.  
**Grants &**  
**Student**  
**supervision**