



## Curriculum Vita

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**Education:** B. S. (Geophysics), Hokkaido University, 1982

M. S. (Geophysics), Hokkaido University, 1984

Ph.D. (Geophysics), University of Tokyo, 1987

**Positions held:** Professor, Earthquake Research Institute, 2008-  
Deputy Director, Active Fault Research Center, GSJ/AIST, 2003-2007

Team Leader, Active Fault Research Center, GSJ/AIST, 2001-2003

Senior Researcher at Geological Survey of Japan, 1995-2001

Assistant professor, University of Michigan, 1990-1995

Visiting Research Associate, California Institute of Technology,  
1988-1990

Research Assistant, Tokyo Institute of Technology, 1985-1990

Academic Societies: Members of American Geophysical Union (elected as a  
fellow in 2010), Seismological Society of Japan (Executive Member 2008-2010),  
Seismological Society of America, and Asia and Oceania Geosciences Society  
(Secretary General: 2004-2006,

President of Solid Earth Section: 2006-2008)

## Books Edited

Tsunamis in the world ocean: past, present and future (volume 1). Edited by K. Satake, A. Rabinovich, U. Kanoglu and S. Tinti, PAGEOPH (Pure and Applied Geophysics) Topical issue, vol. 168, No. 6/7, 2011 (in press).

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### **Selected Publications**

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Satake, K. and B. F. Atwater, Long-term perspectives on giant earthquakes and tsunamis at subduction zones, *Annu. Rev. Earth Planet Sci.*, 35, 349-274, 2007.  
Lay, T., H. Kanamori, C. J. Ammon, M. Nettles, S. N. Ward, R. C. Aster, S. L. Beck, S. L. Bilek, M. R. Brudzinski, R. Butler, H. R. DeShon, G. Ekström, K. Satake and S. Sipkin, The great Sumatra-Andaman earthquake of 26 December 2004, *Science*, 308, 1127-1133, 2005.  
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Satake, K., K. Shimazaki, Y. Tsuji and K. Ueda, Time and size of a giant earthquake in Cascadia inferred from Japanese tsunami records of January 1700, *Nature*, 379, 246-249, 1996.

Satake, K., Linear and non-linear computations of the 1992 Nicaragua earthquake tsunami. *Pure and Applied Geophysics* (also a book "Tsunamis: 1992-94"), 144, 455-470, 1995.

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Satake, K. Depth distribution of coseismic slip along the Nankai trough, Japan, from joint inversion of geodetic and tsunami data. *J. Geophys. Res.*, 98, 4553-4565, 1993.

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