

Profile

Dr. Kenji Satake is a professor at Earthquake Research Institute, University of Tokyo. His research interest is giant earthquakes and tsunamis in the world, for which he uses geophysical, geological or historical approaches. In geophysical approach, he developed a method to use instrumentally recorded tsunami waveforms and computer simulation to estimate the tsunami generation and propagation processes. In geological and historical approaches, he uses sand deposit brought by past tsunami or historical literature describing damage to infer the earthquakes and tsunamis in the past. He has collaborated and conducted field works in Indonesia, India or Myanmar. He is currently president of Asia and Oceanic Geosciences Society, bureau member of International Union of Geodesy and Geophysics. He participated in compiling IAEA'S Safety Guide (SSAG-18) "Meteorological and hydrological Hazard in Site Evaluation for Nuclear Installations", and currently is the leader of drafting Safety Report "Tsunami and Seiche Hazard Assessment"

Curriculum Vita

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Positions held: Research Assistant, Tokyo Institute of Technology, 1985-1990
Visiting Associate, California Institute of Technology, 1988-1990
Assistant Professor, University of Michigan, 1990-1995
Senior Researcher at Geological Survey of Japan (GSJ), 1995-2001
Team Leader, Active Fault Research Center, GSJ, 2001-2003
Deputy Director, Active Fault Research Center, GSJ, 2003-2007
Professor, Earthquake Research Institute, 2008-

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, Vice President: 2011-2)

Books and Journal Special Issues Edited

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