

Kenji SATAKE

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Kenji Satake is a professor of Earthquake Research Institute, the University of Tokyo. His research interest is giant earthquakes and tsunamis in the world, for which he uses geophysical, geological or historical approaches. For the geophysical approach, he developed a tsunami waveform inversion method which combines instrumentally recorded tsunami waveforms and computer simulation to estimate the tsunami generation and propagation processes. For the geological and historical approaches, he uses sand deposit brought by past tsunamis or historical literature describing damage to infer the earthquakes and tsunamis in the past, such as the 869 Jogan earthquake, a predecessor of the 2011 Tohoku earthquake. He was elected as a fellow of American Geophysical Union in 2010. He served as a chair of IUGG (International Union of Geodesy and Geophysics) Tsunami Commission, a bureau member of IUGG, and president of AOGS from 2012 to 2014. Currently, he is a vice president of IASPEI (International Association of Seismology and Physics of the Earth's Interior) and Editor-in-Chief of Geoscience Research Letters, the official journal of AOGS. He is also a vice president of Japanese Society for Active Fault Studies, and chair of governmental committee of long-term forecast under the Earthquake Research Committee.