

Brief CV, Brian F. Atwater

BORN: September 18, 1951, Hartford, Connecticut

EDUCATION

B.S. and M.S., Geology, Stanford (1974)

Ph.D., Geology, Delaware (1980)

POSITION

Geologist, U.S. Geological Survey (since 1974)

Affiliate Faculty, University of Washington (since 1986)

EXPERIENCE

Earthquake and tsunami hazards from subduction zones of the Pacific Rim (Cascadia, Chile, Japan), Indian Ocean, and Caribbean. Floods from glacial Lake Missoula. Alluvial fans in California. Holocene sea levels and tidal-wetland botany at the San Francisco Bay estuary.

HONORS

Member, National Academy of Sciences

Fulbright scholar, Indonesia, 2009-2011

Fellow, American Geophysical Union and Geological Society of America

RECENT PUBLICATIONS

Yulianto, E., Kusmayanto, F., Supriyatna, N., Dirhamsyah, M., Atwater, B.F., and Kodkijat, A.M., 2010, When the first wave arrives in minutes—Indonesian lessons on surviving tsunamis near their sources: Jakarta Tsunami Information Centre, UNESCO, 24 pp. (in press).

Jankaew, K., Atwater, B.F., Sawai, Y., Choowong, M., Charoentitirat, T., Martin, M.E., and Prendergast, A., 2008, Medieval forewarning of the 2004 Indian Ocean tsunami in Thailand: *Nature*, v. 455, p. 1228-1231, doi:10.1038/nature07373.

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Atwater, B.F., Musumi-Rokkaku, S., Satake, K., Tsuji, Y., Ueda, K., and Yamaguchi, D.K., 2005, The orphan tsunami of 1700—Japanese clues to a parent earthquake in North America: U.S. Geological Survey (as Professional Paper 1707) and University of Washington Press, 133 p., <http://pubs.usgs.gov/pp/pp1707/>

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Nanayama, F., Satake, K., Furukawa, R., Shimokawa, K., Atwater, B.F., Shigeno, K., and Yamaki, S., 2003, Unusually large earthquakes inferred from tsunami deposits along the Kuril trench: *Nature*, v. 424, p. 660-663, doi:10.1038/nature01864

Satake, K., Wang, K., and Atwater, B.F., 2003, Fault slip and seismic moment of the 1700 Cascadia earthquake inferred from Japanese tsunami descriptions: *Journal of Geophysical Research*, v. 108, 2325, doi: 10.1019/2003JB002521.