

CURRICULUM VITAE

Koji Okumura

Personal Data

Office: Graduate School of Letters, Hiroshima University
1-2-3 Kagamiyama, Higashi-Hiroshima, 739-8522 Hiroshima, Japan
E-mail: kojiok@hiroshima-u.ac.jp Phone: +81-82-424-6657 Fax: +81-82-424-0320

Home: 317-3-1-401 Kagamiyamakita, Higashi-Hiroshima, 739-0045 Hiroshima, Japan
Cellphone: +81-90-9208-2381

Education

Bachelor of Arts in Greek and Latin Classical Language and Literature,
Faculty of Letters, Tokyo University, March 1981

Master of Science in Physical Geography, Graduate School of Science,
Tokyo University, March, 1983

Doctor of Science in Physical Geography, Graduate School of Science,
Tokyo University, March, 1987

Working Experiences

Hiroshima University (1996--Present)

Professor: Department of Geography, Graduate School of Letters,
Hiroshima University, January 2004--Present

Associate Professor: Department of Geography, Graduate School of Letters,
Hiroshima University, October 1996-- December 2003

Geological Survey of Japan (1986--1996)

Senior Researcher: Seismotectonic Research Section, Geological Survey of Japan,
AIST-MITI, October 1990--September 1996

Researcher: Seismotectonic Research Section, Geological Survey of Japan,
AIST-MITI, March 1986--September 1990

Visiting Scientist

United States Geological Survey: Visiting Scientist, Central Geologic Hazard Team,
Golden, CO, July 2000--June 2003

United States Geological Survey: Visiting Scientist, Office of Volcanology, Earthquake,

and Engineering, Menlo Park, CA, November 1990--November 1991

Academic and Governmental Commitments

Vice President of INQUA (International Union for Quaternary Research), 2007--2015

Science Committee Member, IAEA International Seismic Safety Center, 2008--Present

Associate Member of the Science Council of Japan, October 2005--Present

The Headquarters for Earthquake Research Promotion, March 2003--2010, April 2016--Present

Expert Member of the Nuclear Safety Committee of Japan, November 2001--2011

JICA short-term expert to Turkey, 5 times in 1989--1994

Selected Publications

Suzuki, Y., Takao, M., Tani, K., Yamazaki, H., Okumura, K., and Konagai, K., 2017, Risk evaluation method and measures for fault displacements by engineering approach (3) Hazard analysis for fault. *Journal of the Atomic Energy Society of Japan*, 59-8, 39--43.

Okumura, K., 2016, Earthquake Geology of the April 14 and 16, 2016 Kumamoto Earthquakes, *Proceedings of the 7th International INQUA Workshop on Paleoseismology, Active Tectonics and Archaeoseismology*, Crestone Science Center Guidebook No. 12, 191-194.

Malik J. N., Sahoo S., Mohanty A., Naik S. P., and Okumura K., 2016, Surface rupture of a Great Himalayan 1905 Kangra earthquake (Mw7.8), NW Himalaya, India, *Proceedings of the 7th International INQUA Workshop on Paleoseismology, Active Tectonics and Archaeoseismology*, Crestone Science Center Guidebook No. 12, 162-165.

Malik J. N., Naik S. P., Sahoo S., Okumura K., and Mohanty A., 2016, Paleoseismic evidence of the CE 1505 (?) and CE 1803 earthquakes from the foothill zone of the Kumaon Himalaya along the Himalayan Frontal Thrust (HFT), India, *Tectonophysics*, <http://dx.doi.org/10.1016/j.tecto.2016.07.026>. 2016.7.27

Malik, J.N., S. Sahoo, S. Satuluri, S.P. Naik and K. Okumura, 2015, Active Fault and Paleoseismic Studies in Kangra Valley: Evidence of Surface Rupture of a Great Himalayan 1905 Kangra Earthquake (Mw 7.8), Northwest Himalaya, India. *Seismological Society of America Bulletin*, 105, 2325--2342.

Okumura, K. , 2014, Important Issues solved and unsolved on the paleoseismology of the north Anatolian fault. *Proceeding of the 5th International INQUA Meeting on Paleoseismology, Active Tectonics and Archeoseismology*. 93-96.

Malik, J.N., S. Sahoo, A. Mahanty, S.P. Naik and K. Okumura, 2014, Active fault study along foothill zone of Kumaon sub-Himalaya: Influence on landscape shaping and drainage evolution. *Current Science*, 106, 229-236.

Kondo, H., Y. Awata, O. Emre, A. Dogan, S. Ozalp, F. Tokay, C. Yildirim, T. Yoshioka, K. Okumura, 2005, Slip distribution, Fault Geometry, and Fault Segmentation of the 1944 Bolu-Gerede Earthquake Rupture, North Anatolian fault, Turkey, *Bulletin of the Seismological Society of America*, 95, 1234-1249.

Okumura, K., H. Kondo, T. Azuma, T. Echigo, and K. Hessami, 2004, Surface effects of the December 26th, 2003 Bam earthquake along the Bam fault in southeastern Iran. *Bulletin of the Earthquake Research Institute*, 79, 29-36

Johnson, S. Y., A. R. Nelson, S. F. Personius, R. E. Wells, H. M. Kelsey, B. L. Sherrod, K. Okumura, R. Koehler III, R. C. Witter, L. Bradley, and D. J. Harding, 2004, Evidence for Late Holocene Earthquakes on the Utsalady Point Fault, Northern Puget Lowland, Washington. *Seismological Society of America Bulletin*, 94, 2299-2316.

- Okumura, K., H. Kondo, and S. Toda eds., 2004, Research on Active Faulting to Mitigate Seismic Hazards: the State of the Art. Abstracts of the Hokudan International Symposium on Active Faulting, 185p.
- Crone, A. J., P. M. De Martini, M. N. Machette, K. Okumura and J. R. Prescott, 2003, Paleoseismicity of Two Historically Quiescent Faults in Australia Implications for Fault Behavior in Stable Continental Regions, Bulletin of Seismological Society of America, 93, 1913-1934.
- Okumura, K., 2001, Paleoseismology of the Itoigawa-Shizuoka tectonic line in central Japan, Journal of Seismology, 5, 411-431
- Okumura, K., T. Yoshioka, I. Kucsu, O. Emre, and M. Erendil, 2000, Paleoseismology of the North Anatolian fault, Active Fault Research for the New Millenium - Proceedings of the Hokudan International Symposium on Active Faulting, 349-352.
- Okumura, K., H. Goto, and K. Takada, 2000, Active Fault Research for the New Millenium - Proceedings of the Hokudan International Symposium on Active Faulting, Hokudan Co. Ltd., 606 p.
- Yoshioka, T., K. Okumura, I. Kucsu, O. Emre, 2000, Recent surface faulting of the North Antolian fault along the 1943 Ladik earthquake ruptures, Bulletin of Geological Survey of Japan, 34, 29-35.
- Audemard, F., D. Pantosti, M. Machette, C. Costa, K. Okumura, H. Cowan, H. Diederix, C. Gerrer and participants of the South American Field Workshop on Paleoseismology, 1999, Trench investigation along the Merida section of the Bocono fault (central Venezuelan Andes), Venezuela, Tectonophysics, 308, 1-21.
- Schwartz, D.P., D. Pantosti, K. Okumura, T.J. Powers, and J.C. Hamilton, 1998, Paleoseismic investigations in the Santa Cruz mountains, California: Implications for recurrence of large-magnitude earthquakes on the San Andreas fault, Journal of Geophysical Research, 103, 17985-18002.