

CURRICULUM VITAE

AKIRA OSAWA

6-10-2 AOYAMA, OHTSU 520-2101 JAPAN
Telephone: +81-75-753-6095(office); 77-549-2206(home)
Email: aosawa@kais.kyoto-u.ac.jp
MARCH 2011

EDUCATION

1981-1986. Yale University, New Haven, Connecticut, USA. Doctor of Philosophy in silviculture and forest ecology. Dr. David M. Smith, major professor.
1979-1981. Cornell University, Ithaca, New York, USA. Master of Science in environmental engineering, minor in ecology and evolutionary biology. Dr. C. A. Shoemaker, major professor.
1978-1979. Oberlin College, Oberlin, Ohio, U.S.A. Special foreign exchange student.
1974-1978. Nagoya University, Nagoya, Japan. Bachelor of Science in forestry.

EMPLOYMENT

August 2006-Present. Professor, Graduate School of Agriculture, Division of Forest and Biomaterials Sciences, Kyoto University, Kyoto, Japan.
April 2004-March 2006. Dean, Graduate School of Intercultural Communication, Ryukoku University, Ohtsu, Japan.
April 2001-July 2006. Professor, Faculty of Intercultural Communication, Ryukoku University, Ohtsu, Japan.
April 1996-March 2001. Associate Professor, Faculty of Intercultural Communication, Ryukoku University, Ohtsu, Japan.
April 1988-March 1996. Silviculturist, Forestry and Forest Products Research Institute, Japan Ministry of Agriculture, Forestry and Fisheries, Sapporo, Japan.
April 1986-November 1987. Post-doctoral fellow, College of Forest Resources, University of Washington, Seattle, Washington, U.S.A. I was associated with Drs. Chadwick D. Oliver and Douglas A. Maguire.
June 1983-April 1984. Assistant Scientist, Entomology Department, University of Maine, Orono, Maine, U.S.A. Dr. John B. Dimond, project supervisor.
August 1979-December 1980. Graduate Research Assistant, Department of Civil and Environmental Engineering, Cornell University, Ithaca, New York, U.S.A. Dr. Christine A. Shoemaker, supervisor.

OTHER RESEARCH ACTIVITIES

April 2002-March 2003. Visiting Professor, Department of Renewable Resources, University of Alberta, Edmonton, Alberta, Canada.
1991-present. Principal Investigator, Ecological study of jack pine forests in Northwest Territories, Canada.
1992-present. Co-investigator, Examination of structural development, carbon budget, and nutrient dynamics of larch forests in central Siberia.
September-November 1995. Visiting Scientist, Department of Forest Resources, University of Maine, Orono, Maine, U.S.A.

April 1991. Silviculture Specialist and Advisor, Japan International Cooperation Agency (JICA).
December 1987-March 1988. Visiting Scientist, Forest Research Institute, New Zealand Ministry of Forestry, Christchurch, New Zealand.

HONORS

1978. Winner, Overseas Student Exchange Scholarship, Ministry of Education, Japanese Government.
1979. Recipient, Cornell University Research Assistantship.
1981. Recipient, Yale University Fellowship.
1984. Recipient, Romill Foundation Fellowship.
1995. Biographical data listed in Marquis Who's Who in the World.

ACTIVITIES IN PROFESSIONAL SOCIETIES AND ORGANIZATIONS

Membership: Ecological Society of Japan; Japanese Forest Society; *Botanical Society of Japan*; *Ecological Society of America*; *Society of American Foresters*; *New York Academy of Sciences*; *Sigma Xi Scientific Research Society*; *Ryukoku University Society of Intercultural Communication*. (Organizations in italic indicate previous affiliation.)

Professional Journals for which I served as a reviewer: *American Naturalist*; *Annals of Botany*; *Canadian Journal of Forest Research*; *Ecology*; *Ecological Research* (Associate editor, Sept. 2000-Sept. 2003); *Ecoscience*, *Eurasian Journal of Forest Research* (Review board, 1999-present); *Forest Ecology and Management*; *Journal of Forest Research*; *Journal of Sustainable Forestry*; *Journal of Tropical Ecology*; *Tree Physiology*.

April 1996-present. Scientist, Hiraoka Forest Institute (Non-profit research organization), Tenryu-mura, Nagano, Japan.

April 1999-March 2001. Trustee, Ryukoku University, Fushimi-ku, Kyoto, Japan.

RECENT PUBLICATIONS

1. Kajimoto, T., A. Osawa, Y. Matsuura, A.P. Abaimov, O.A. Zyryanova, K. Kondo, N. Tokuchi, and M. Hirobe. (2007) Individual-based measurement and analysis of root system development: case studies for *Larix gmelinii* trees growing on the permafrost region in Siberia. *Journal of Forest Research* **12**:103-112.
2. Mori S., K. Yamaji, A. Ishida, S.G. Prokushkin, O.V. Masyagina, A. Hagihara, R.A.T.M. Hoque, R. Suwa, A. Osawa, T. Nishizono, T. Ueda, M. Kinjo, T. Miyagi, T. Kajimoto, T. Koike, Y. Matsuura, T. Toma, O.A. Zyryanova, A.P. Abaimov, Y. Awaya, M.G. Araki, T. Kawasaki, Y. Chiba, M. Umari. (2010) Mixed-power scaling of whole-plant respiration from seedlings to giant trees. *Proceedings of the National Academy of Sciences (USA)* **107**: 1447-1451.
3. Tran V. D., A. Osawa, and T.T. Nguyen. (2010) Recovery process of a mountain forest after shifting cultivation in northwestern Vietnam. *Forest Ecology and Management* **259**: 1650-1659.
4. Tran, V. D., A. Osawa, T. T. Nguyen, B. V. Nguyen, T. H. Bui, Q. K. Cam, T. T. Le, and X. T. Diep. (2010) Population changes of early successional forest species after shifting cultivation in Northwestern Vietnam. *New Forests* (*in press*).
5. Osawa, A., O.A. Zyryanova, Y. Matsuura, T. Kajimoto & R.W. Wein (editors). (2010) *Permafrost Ecosystems: Siberian Larch Forests*. *Ecological Studies* 209, Springer-Verlag, Dordrecht. 502pp.