

CURRICULUM VITAE of Naishen LIANG

DATE OF BIRTH: 8 February 1963

OCCUPATION: Senior Researcher

AFFILIATION:

Carbon Cycle Research Section

Center for Global Environmental Research (CGER)

National Institute for Environmental Studies (NIES), Tsukuba, Japan

E-mail: liang@nies.go.jp; Phone: +81-29-850-2774



DEGREES

Ph.D.: March 1995, Environmental Science. Graduate School of Science and Technology, Niigata University, Niigata, Japan (4/1992 ~ 3/1995)

M.S.: July 1988, Tree Physiology, Beijing Forestry University, Beijing, China (9/1985 ~ 7/1988)

B.S.: July 1985, Forest Science, Beijing Forestry University, Beijing, China (9/1981 ~ 7/1985)

PROFESSIONAL EXPERIENCE

Apr. 2006 ~ present, **Senior Researcher:** Terrestrial Ecosystem Carbon Cycle. CGER/NIES

Apr. 2000 ~ Mar. 2006, **Research Associate:** Forest Carbon Cycle. CGER/NIES, Japan

Apr. 1997 ~ Mar. 2000, **Postdoctoral Research Fellow:** Japan Science and Technology Corporation, Saitama, Japan (Tropical Forest Carbon Cycle)

Apr. 1995 ~ Mar. 1997, **Researcher,** Magara Seisakusyo, Inc., Niigata, Japan

Sep. 1988 ~ Oct. 1991, **Assistant Professor,** Beijing Forestry University, Beijing, China

REPRESENTATIVE PUBLICATIONS

Liang N., Teramoto M., Takagi M., Zeng J. 2016. Warming impacts on soil CO₂ efflux of an Asian monsoon forest: experiment process and high resolution datasets. *Sci. Data* 3 (*in press*)

Teramoto M., Liang N., et al. 2016. Sustained acceleration of soil carbon decomposition observed in a 6-year warming experiment in a warm-temperate forest in southern Japan. *Sci. Rep.* **6**, 35563.

Wu C.S. Liang N., Sha L.Q., et al. 2016. Heterotrophic respiration does not acclimate to continuous warming in a subtropical forest. *Sci. Rep.* **6**, 21561.

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Yamada T., Yoshioka A., Mazlan H., Liang N., Okuda T. 2014. Spatial and temporal variations in the light environment in a primary and selectively logged forest long after logging in Peninsular Malaysia. *Trees*, DOI 10.1007/s00468-014-1040-z

Aguilos M., Takagi K., Liang N., et al. 2013. Sustained large stimulation of soil heterotrophic respiration rate and its temperature sensitivity by soil warming in a cool-temperate forested peatland. *Tellus B*, **65**: 20792.

Tan Z., Zhang Y., Liang N., et al. 2013. Soil respiration in an old-growth subtropical forest: Patterns, components, and controls. *J. Geophys. Res.: Atmospheres* **118**: 2981-2990.

Tan Z., Zhang Y., Liang N., et al. 2012. An observational study of the carbon-sink strength of East Asian Sub-tropical evergreen forests. *Environ. Res. Lett.* **7**: 004017.

Liang N., Hirano T., Zheng Z.-M., Tang J. and Fujinuma Y. 2010. Soil CO₂ efflux of a larch forest in northern Japan. *Biogeosciences*, **7**: 3447–3457.