



Takeshi OHTA

Professor

**Graduate School of Bioagricultural Sciences,
Nagoya University**

Thesis of my scientific researches

- The spatial and temporal distributions of the water, energy and carbon dioxide cycles at forests in boreal areas, Eastern Siberia

The main fields

- Spasskaya Pad near Yakutsk, RUSSIA
- Elgeei near Ust-Maya, RUSSIA

Main papers

- Ohta, T., T. Hiyama, H. Tanaka, T. Kuwada, T. C. Maximov, T. Ohata and Y. Fukushima, 2001, Seasonal variation in the energy and water exchanges above and below a larch forest in Eastern Siberia. *HYDROLOGICAL PROCESSES*. 15, 1459-1476.
- Ohta, T., Maximov, T.C., A. Dolman, A.J., Nakai, T., van der Molen, M.K., Kononov, A.V., Maximov, A.P., Hiyama, T., Iijima, Y., Moors, E.J., Tanaka, H., Toba, T., Yabuki, H., 2008, Interannual variation of water balance and summer evapotranspiration in an eastern Siberian larch forest over a 7-year period (1998–2006). *Agric. For. Meteorol.*, 140: 1941-1953.
- Ohta, T., Kotani, A., Iijima, Y., Maximov, T.C., Ito, S., Hanamura, M., Kononov, A.V., Maximov, A.P., 2014, Effects of waterlogging on water and carbon dioxide fluxes and environmental variables in a Siberian larch forest, 1998 – 2011. *Agric. For. Meteorol.* 188, 64-75.

Kotani Ayumi 小谷亜由美

Graduate School of Life and Agricultural Sciences, Nagoya
Un.

名古屋大学生命農学研究科

- Scientific interest: Boundary layer meteorology, Land-
Atmosphere interaction の書式設定
- Recent work: Role of boreal forest at Yakutia on local
and regional environment on decadal scale, mainly
using field data (flux, hydro & meteorology at forest
tower: Spasskaya Pad & Elgeei station)

Minoru NAKATSUBO

Graduate School of Bioagricultural Sciences, Nagoya University

Thesis of my scientific research

Variation of transpiration properties of the Larch
with the change of the local environmental factors



Study field

Spasskaya Pad near Yakutsk, RUSSIA
Igeei near Ust-Maya, RUSSIA

Saruul GALTBUYAR

(ガルトバイラル サロー
ル)

Nagoya university, Faculty of Agriculture Department of Bioenvironmental
science, Bachelor senior year

Research theme:

Relations between surface cover type and planetary
boundary layer

Study field:

Spasskaya Pad, Yakutsk, Russia

Mungunmorit, Tuv prefecture, Mongolia