

# Workshop on Atmospheric Deposition in East Asia 2011

(第8回大気沈着研究会)

March 7, 2011

Hokkaido University, Sapporo, Japan

## Program

- 10:00-10:05      Opening address    N. Murao, K. Matsuda
- 10:05-10:30      Izumi Noguchi, Hokkaido Research Organization  
Sulfur and nitrogen deposition in Hokkaido during 2003-2007
- 10:30-10:55      Takashi Yamaguchi, Hokkaido Research Organization  
Characteristics of atmospheric ozone in Hokkaido\*
- 10:55-11:20      Kentaro Takagi, Hokkaido University  
Dynamic CO<sub>2</sub> exchange through snowpack by wind-driven mass  
transfer in a cool-temperate mixed forest
- 11:20-11:45      Yasutomo Hoshika, Tokyo University  
Study of stomatal conductance in autumn for modeling of stomatal  
ozone uptake -Effects of visible injury on stomatal conductance-\*
- 11:45-12:10      Masahiro Yamaguchi, Tokyo University of Agriculture & Technology  
Assessment of the effects of O<sub>3</sub> on the yield of rice (*Oryza sativa* L.)  
based on the stomatal O<sub>3</sub> uptake
- 12:10-13:10      *Lunch*
- 13:10-13:35      Kentaro Hayashi, National Institute for Agro-environment Sciences  
Paddy field of single rice cropping might be a large sink of  
atmospheric ammonia

- 13:35-14:00 Hiroyuki Sase, Asia Center for Air Pollution Research  
Seasonal variation of atmospheric deposition and stream water chemistry in East Asian catchments
- 14:00-14:25 Pojanie Khummongkol, King Mongkut's University of Technology Thonburi  
A Comparative study of SO<sub>2</sub> dry deposition estimation using Bowen Ratio, Aerodynamic and Zhang Resistance models
- 14:25-14:50 Kan Khoomsab, King Mongkut's University of Technology Thonburi  
Fluxes of Sulfate and Nitrate over Forest in Tropical Climatology Using Relaxed Eddy Accumulation Method
- 14:50-15:20 *Coffee Break*
- 15:20-15:45 Masateru Ishizaki, Hokkaido University  
Observation and Analysis of Atmospheric Black Carbon in Sakaerat, Thailand
- 15:45-16:10 Genki Katata, Japan Atomic Energy Agency  
A 1-D atmosphere-vegetation-soil model: an advanced tool for dry deposition prediction on terrestrial ecosystems\*
- 16:10-16:35 Atsuyuki Sorimachi, National Institute of Radiological Sciences  
Dry deposition flux measurement of nano-size aerosol particles using related eddy accumulation technique
- 16:35-17:00 Kazuhide Matsuda, Meisei University  
Deposition velocity of aerosols above forests in East Asia\*
- 17:00 Closing A. Takahashi

\* tentative title

- 8-9 March** **Workshop Excursion at Noboribetsu Onsen**  
"Exercise of snow core sampling by Izumi Noguchi"  
"Overall discussion"