

Workshop on Atmospheric Deposition in East Asia 2012

18-20 November 2012, in Thailand

The Workshop on Atmospheric Deposition in East Asia 2012 will be held on 18-20 November 2012, in Thailand, as the 9th workshop organized by “Taikichinchaku Kenkyukai”. The workshop is also co-organized by ASEPH project funded by Grant-in-Aid for Scientific Research on Innovative Areas from the Ministry of Education, Culture, Sports, Science and Technology, Japan. A special topic of the workshop is “aerosol deposition on plants and its impact” based on the activities of ASEPH. Studies on the special topic and other topics on atmospheric deposition will be presented by participants at the workshop.

[Schedule]

Workshop on Atmospheric Deposition in East Asia 2012

Date: 20 November 2012

Venue: King Mongkut's University of Technology Thonburi, Bangkok

Workshop excursion

Date: 18-19 November 2012

Study site: Sakaerat Environment Research Station, Nakhon Ratchasima Province

[Organizer]

Kazuhide Matsuda

Tokyo University of Agriculture and technology, Japan

Pojanie Khummongkol

King Mongkut's University of Technology Thonburi, Thailand

[Program of the workshop on 20 November 2012]

- 10:00-10:10 Opening address (Pojanie Khummongkol, Kazuhide Matsuda)
- 10:10-10:30 Pornsook Chongprasith, Air Quality and Noise Management Bureau
"Overview of Acid Deposition in Thailand"
- 10:30-10:50 Savitri Garivait, Environmental Technology Division, The Joint
Grauate School of Energy and Environment
- 10:50-11:10 Kazuhide Matsuda, Tokyo University of Agriculture and Technology
"Dry deposition of gas and aerosols on Asian forests"
- 11:10-11:30 Kan Khoomsap, King Mongkut's University of Technology Thonburi
"Dry Deposition of Selfate over Forest in Tropical Climatology"
- 11:30-11:50 Kentaro Takagi, Hokkaido University
"Ecosystem photosynthetic and respiratory parameters in Asian
Forests"
- 11:50-13:30 *Lunch*
- 13:30-13:50 Takeshi Izuta, Tokyo University of Agriculture and Technology
"Effects of ozone on plants"
- 13:50-14:10 Takashi Yamaguchi, Hokkaido Research Organization
"The measurement of fog water and tropospheric ozone at Lake
Mashu"
- 14:10-14:30 Kentaro Hayashi, National Institute for Agro-environment Sciences
"Long-term monitoring of inorganic particles and relevant gases at a
paddy field in central Japan"
- 14:30-14:50 Genki Katata, Japan Atomic Energy Agency
"Progress in atmospheric deposition study in Japan using multi-layer
atmosphere-soil-vegetation model"

- 14:50-15:20 *Coffee Break*
- 15:20-15:40 Hiroyuki Sase, Asia Center for Air Pollution Research
“Seasonal and annual fluxes of sulfate and elemental carbon in Japanese and Thai forests”
- 15:40-16:00 Hiroshi Hara, Takumi Kashiwakura, Kyo Kitayama, Sonoko Drothea Kimura, Tokyo University of Agriculture and Technology
“Atmospheric Black Carbon and its Dry Deposition onto Actual Foliage”
- 16:00-16:20 Hiroko Ogata, Hiroshi Okochi, School of Creative Science and Engineering, Waseda University
“Capture efficiency of aerosol particles by the forest canopy in a small forest located at western part of Tokyo, Japan”
- 16:20-16:40 Atsuyuki Sorimachi, Hirosaki University
“Aerosol number fluxes measured by eddy covariance technique above short vegetation in Japan”
- 16:40-17:00 Overall discussion (Akira Takahashi, CRIEPI)

**Each presentation 15 minutes and discussion 5 minutes*