

(Updated on 05 October 2009)

Hokkaido University Sustainability Weeks 2009

Joint Finnish-Japanese Seminar on Northern Environmental Research

16-18 November 2009

Conference Hall, Hokkaido University, Sapporo, Japan

Organized by Hokkaido University; University of Helsinki; University of Oulu;
Arctic Centre, University of Lapland; The Finnish Institute in Japan

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Program (tentative)

Time & Place of the Seminar:

Conference Hall, Hokkaido University, Sapporo
16-18 November 2009

Purpose of the Seminar:

- to disseminate information on the themes which are relevant to the northern areas both in Finland and Japan
- to exchange and increase scientific expertise on northern issues
- to initiate concrete research projects
- to initiate preparation of funding applications for co-operation project
- to increase student and scientist exchange

Tentative Timetable:

Day 1: 16 November (Mon) 09:00-17:30 *Seminar*

Opening of the Seminar:

- The Joint Finnish-Japanese Research on Northern Environments - The Present Status and Prospects (Kunio Shirasawa)
- The cooperation between Hokkaido and Oulu Universities (Lauri Lajunen, Rector of University of Oulu)
- Greetings from the Finnish Institute in Japan (Heikki Mäkipää)
- Greetings from University of Lapland (Paula Kankaanpää)
- Greetings from University of Helsinki (Matti Leppäranta)
- Northern environmental sciences at University of Oulu (Kari Laine)

Session: Cryosphere and Boreal Forests (Chairs: Shirasawa & Leppäranta)

Presentations of ongoing programs and present status:

- Ice Climatology in the Baltic and Okhotsk Seas (Kunio Shirasawa, Matti Leppäranta)

- Sea-ice field courses at Tvärminne in the Baltic Sea, at Saroma-ko Lagoon in the Sea of Okhotsk and at Barrow in the Chukchi Sea – An educational program for graduate students (Kunio Shirasawa, Matti Leppäranta, Mika Mäkelä, Annu Oikkonen)
- Lake ice investigations in Finland (Matti Leppäranta, Kunio Shirasawa)
- Wintertime experiments of physical processes at Saroma-ko Lagoon (Mika Mäkelä, Kunio Shirasawa, Matti Leppäranta)
- Baltic Sea and Okhotsk Sea ice dynamics (Annu Oikkonen, Matti Leppäranta, Kunio Shirasawa)
- Snow investigations in Finnish Lapland (Atsushi Satoh)

Presentations of new proposals:

- Developing an integrated terrestrial model of vegetation dynamics, energy and carbon exchanges and biogeochemical cycles in cool-temperate to boreal forest ecosystems (Motomu Toda)
- Hydrometeorological processes (water and energy fluxes) in boreal forests (Yuji Kodama)
- Field course in Arctic science, Toolik Lake, Alaska (John Moore)
- University of the Arctic course focused on terrestrial ecology and cryospheric impacts of climate change (John Moore)

Session: Landscape, Land Use Changes (Chairs: Aikoh, Shoji & Laine)

Presentations of new proposals:

- Designating and zoning issues of natural park system in Japan (Tetsuya Aikoh)
- The valuation of maintenance and repair of alpine trails: An approach using choice experiment and photographic technique (Yasushi Shoji)
- Information rents in conservation contracting for biodiversity: An empirical examination of Finnish pilot programme (Artti Juutinen)
- Valuation of recreational services of a national park: A choice experiment study in Oulanka National Park, Finland (Erkki Mäntymaa)
- Spatial overlap between tourist attractions and biodiversity (Pirkko Siikamäki)
- Bird ecology and long-term monitoring (Antero Järvinen)
- Environmental health in context of climate change and land use change (Arja Rautio)
- Vulnerability assesment of ecosystem services for climate change impacts and adaptation as an example of Finnish LTSER-network activities (Kari Laine)
- Fish ecology in northern Finland (Kimmo Kahilainen)

Day 2: 17 November (Tue) 09:00-17:30 Seminar

Session: Human-Environment Relations (Chairs: Stammler & Maruyama)

Presentations of ongoing programs and present status:

- Introduction to session (Florian Stammler, Hiroshi Maruyama)
- The social significance of animals in the Arctic, Central Asia and Africa: A joint Japanese-Finnish research network. Report, publication status, future plans (Florian Stammler)
- Biodiversity and indigenous studies (Masumi Tanaka)
- Ainu and indigenous studies in Japan after the recognition of Ainu indigenous status in 2008: Prospects and research agenda (Martina Tyriseva or colleague)
- Human-environment relations among the Dukha, Mongolia (Martina Tyriseva)

Lunch

- Community adaptation and vulnerability in Arctic region: case studies from the Russian North (Anna Stammler-Gossmann)
- Ainu study their sacred sites, create a GIS database and talk to elders about it (Hideki Yoshihara in coop with Martina Tyriseva (not yet confirmed))
- Two dams and indigenous people in Hokkaido (Hiroshi Maruyama)
- *Iwor* as a basis of nature-based culture in comparison to Saami *siida* (Takashi Matsuna)
- Mr. Koichi Maizawa, Ainu scholar and hydroelectric power activist, in cooperation with Takashi Matsuna

Presentations of new proposals:

- Local/indigenous people, hydroelectric power, and displacement: A research and book proposal (Florian Stammler, Hiroshi Maruyama and colleagues)

Overall Discussion on the Joint Finnish-Japanese Research on Northern Environments

Reporting of the Seminar:

- Summaries of the sessions

Future Programs:

- Year 2010-
- Hokkaido-Oulu cooperative research programs and other new research themes
- Organization of the Joint Finnish-Japanese Seminar on Northern Environmental Research/Hokkaido University Sustainability Weeks 2010, November 2010, Sapporo, Japan
- Finnish-Japanese international conference on human-animal relations 2010

Day 3: 18 November (Wed): 09:00-12:00 Seminar

Continued Overall Discussion and on Future Programs by Individual Sessions/Groups

Half-day excursion in Sapporo: 13:00-18:00+

A planned schedule: Hokkaido University -> Sapporo Winter Sports Museum (Ohkurayama Ski Jump) -> Chitose Sake Museum -> Historical Village of Hokkaido -> Sapporo Beer Garden (for Banquet)

Day 4-5: 19-20 November (Thu-Fri): *Excursion to Shikotsu-Toya National Parks*

19 Nov. (Thu): Sapporo -> Showashinzan/Usu Volcanos -> Volcano Science Museum -> Lake Toya cruising etc.; overnight stay at Toya-ko Onsen.

20 Nov. (Fri): Toya-ko Onsen -> Shiraoi Ainu Porotokotan etc. -> Salmon Museum -> Lake Shikotsu; stay overnight at Shikotsu-ko Onsen.

Departure:

Option 1:

21 Nov. (Sat): Shikotsu -> Chitose AP by car/bus > Chitose/Sapporo (08:10) -> Nagoya (10:00) AY5814*/(11:00) -> Helsinki (15:10) AY080

*AY5814: Connecting flight to AY080

Option 2:

21 Nov. (Sat): Shikotsu -> Chitose AP by car/bus > Chitose/Sapporo -> Tokyo by air; stay overnight in Tokyo

22 Nov. (Sun): Narita/Tokyo (11:00) > Helsinki (15:20) AY074