



Second Circular (April 2011)

日本国内参加者用

International Long-Term Ecological Research Network (ILTER)

Annual Meetings 2011

Date: September 5th to 9th 2011

Venue: Centennial Hall, Hokkaido University, Sapporo, JAPAN

Organizer: International Long-Term Ecological Research Network

Co-organizer: Japan Long-Term Ecological Research Network (JaLTER); IFES-GCOE of Hokkaido University; Ecosystem Adaptability GCOE of Tohoku University; Global Land Project (GLP) Sapporo Nodal Office

国際長期生態学研究ネットワーク(ILTER)の2011年次総会が北海道大学(札幌市)で開催されます。会期中は長期生態学研究に関する研究発表や意見交換を行う科学プログラム(9月5~6日)、苫小牧研究林(JaLTER コアサイト)へのエクスカージョン(9月7日)、ILTERの活動計画等を議論するビジネスミーティングや各種委員会(9月8~9日)が開催されます。また、会議に先立って、厚岸臨海実験所(JaLTER コアサイト)でのプレツアーも予定しています(9月2~4日)。この機会に多くの研究者の皆様の参加を歓迎いたします。特に5日の科学プログラムはJaLTER科学委員会が中心となって企画するものです。是非とも皆様からの積極的な研究発表をよろしくお願いいたします。この募集要項はILTERメンバーへお送りした国際版サーキュラーの一部を変更し、国内参加者の皆様用に編集したものです。関連する研究者、大学院生等の皆さんの参加をよろしくお願いいたします。

ILTER2011 現地組織委員会

Dear colleagues,

It is our great pleasure to host “International Long-Term Ecological Research Network (ILTER) Annual Meetings 2011” in Hokkaido University, Japan. Long-Term Ecological Research is a key research approach and framework that not only promotes ecology and ecosystem sciences but also delivers the scientific insights and knowledge needed to create a sustainable human society and nature under changing global environments and economic conditions. During the meeting in Sapporo, Japan we are hoping to have some very interactive and productive discussions to help ILTER address these issues and also that you all have an enjoyable stay.

Local organizing committee of ILTER annual meetings 2011

Safety information associated with the recent earthquake in Tohoku region

Sapporo city, the venue of ILTER 2011 meetings is located far from the Tohoku area and NOT DAMAGED by earthquakes and tsunami. Furthermore, the level of environmental radioactivity in Sapporo has not been affected by the Fukushima nuclear power plant crisis caused by the earthquake. The authorities (the government of Japan, WHO, IATA, etc.) announce that it is safe to travel around Japan except 30 km radius of the power plant (note that Tokyo is 200 km away and Sapporo is 600 km away).

Data for the concentration of radioactivity in the air and drinking water are continuously provided by MEXT (Ministry of Education: <http://www.mext.go.jp/english/>) for major cities. As of March 22, all the data on radioactivity level in Sapporo City were not greater than the normal level.
(As of March 27, 2011)

Program

- 4th September (Sun) 2011; Arrival
- 5th Sep. (Mon); Science programs arranged by local organizer, Welcome reception
- 6th Sep. (Tue); Science programs arranged by ILTER Science Committee
- 7th Sep. (Wed); Field trip to JaLTER core-site, Tomakomai Experimental Forest
- 8th Sep. (Thu.); ILTER regional meetings; ILTER committee meetings*;
ILTER coordinating committee meeting (1st day)*
- 9th Sep. (Fri.); ILTER coordinating committee meeting (2nd day)*; Farewell dinner
- 10th Sep. (Sat); Departure

*8~9日の各種会議はILTER各国代表者や委員会メンバーによるビジネスミーティングです。ただし、委員会メンバー以外の皆さんもオブザーバーとして同席することができます。

A pre-meeting tour (with a short scientific session) will be held between 2nd-4th September at a wetland and coastal JaLTER-site in eastern Hokkaido (Akkeshi). See Page 5 for details.

Important dates

- May 31st; Deadline of registration
- May 31st; Deadline of abstract for presentations
- Sep 2nd-4th; Pre-meeting tour in Akkeshi Marine Station
- Sep. 4th; Submission of manuscripts for special issues
- Sep. 5th-9th; ILTER 2011 annual meetings

Call for papers for Science Programs and Publication

The local organizing committee is planning to publish a special issue in scientific journals. We will publish the special issue of the ILTER 2011 annual meetings in the peer-reviewed international journal, ***Eurasian Journal of Forest Research (EJFR)*** published by Hokkaido University Forests, Field Science Center for Northern Biosphere, Hokkaido University. This journal mainly

focuses on forest science, but this special issue covers not only forest, but also other types of ecosystems (such as freshwater, lake, marine, farmland and so on) associated with the LTER science. Authors who give an oral or poster presentation in the science program of ILTER 2011 meetings can submit the manuscripts based on their presentations. The manuscripts should be written in English and reviewed by at least two anonymous scientists before the publication. The manuscripts should be submitted to the editorial board of the special issue **no later than September 4, 2011**. The details of the instruction to authors will be provided soon (mostly the same as the normal submission to EJFR). Manuscripts should be a maximum of 8 printed pages for original articles and 12 printed pages for review papers.

Furthermore, some of the papers may be published in another high-impact international journal associated with ecology. We are currently discussing this with the editorial board and the name of the journal and the framework for the manuscripts will be provided later. The Science Committee of JaLTER will invite authors through the discussion with the journal's editorial board and the ILTER-EC.

Abstract for oral and poster presentation

Those who plan to give an oral or poster presentation in the science program on September 5th and 6th should submit their abstract (200-300 words) no later than May 31, 2011. Please see page 8 and use the separate file, "Instruction_abstract.doc" and send them to ILTER2011host@ees.hokudai.ac.jp as an attached file. (Please also copy to Patrick Bourgeron (Patrick.Bourgeron@Colorado.EDU) and Manuel Maass (manuel.maass@gmail.com)).

Science program arranged by the local organizer (5th September)

The scientific programs on 5th September include research and networking topics related to the below potential themes. The program will be organized as; plenary lecture(s), oral presentations and poster presentations. The poster presentations will be given by any participants; ILTER members, JaLTER members and related scientists and students.

Potential themes of the session (oral and poster presentations):

- [1] Trends in long term ecological researches: towards the next step of LTER science.
- [2] Biodiversity and ecosystem functions in various types of ecosystems.
- [3] Current status in biodiversity and ecosystem observations in Asia-Pacific regions (J-BON, AP-BON, AsiaFlux).
- [4] Effective monitoring for natural disaster and climate change impacts.
- [5] Land use change and ecosystem services: navigating ecological studies to society.
- [6] Data, observation techniques and knowledge sharing for further scientific activities.

Science program organized by ILTER (6th September)

Papers are also invited for the program on 6th September. This program will be divided into two parts:

Part 1: Recent advances in ILTER science.

Part 2: Progress on new ILTER research collaborations - either updates on the research initiatives started in Israel Meetings in 2010 or new ideas.

Registration

Participants from Japan need to pay by cash during the meetings for registration fee, dinner and field trip. Please complete the registration form in page 7. The registration form should be sent to ILTER2011host@ees.hokudai.ac.jp no later than May 31, 2011. Participants from Japan should book and pay your accommodation in Sapporo by yourself.

Guidance of field trip to Tomakomai

Venue: Tomakomai Experimental Forest of Hokkaido University (JaLTER core-site)

Date: September 7, 2011 (one-day trip including lunch and dinner)

Tomakomai Experimental Forest (TOEF) was established in 1904, as a field of research and education about forest science through the transference of forest land from Hokkaido Prefecture to Sapporo Agricultural College, the forerunner of Hokkaido University.

In 1st April, 2001, the Botanic Garden, the Museum, the Livestock Farm, the Experimental Farms and the University

Forests became independent from Faculty of Agriculture and joined the newly established The Field Science Center for Northern Biosphere. The Tomakomai Experimental Forest takes change of Forest Research Station of the center. The first working plan was formulated in 1906 and the first dormitory for students was built in 1910. Most of the present facilities were constructed within the last 30 years, The Forest Museum and the Forest Observation Tower in 1977, and the Administration Office of this forest instituted in 1979. The forest covers 2,715 ha of lowland area near the Tomakomai city, and it has been used as a study site in various fields of research and education for many years.



In TOEF are more than 100 species of trees and 230 species of herbs. Dominant species of natural forest includes *Quercus crispula*, *Kalopanax pictus*, *Fraxinus mandshurica*, some Acer tree, and some Betula trees. *Fraxinus lanuginosa*, *Ostrya japonica*, *Populus maximowiczii*, *Tilia japonica*, *Prunus*, *Sorbus alnifolia*, *Alnus hirsute*, and *Cercidiphyllum japonicum* are also commonly observed. Some coniferous trees like *Picea jezoensis* and *Abies sachalinensis* are distributed in relatively low abundance mainly in disturbed area.

TOEF is located in the subarctic pluvial zone. The mean annual temperature is 6.5°C. The maximum and minimum temperature in a year is 28 and -28°C. The mean monthly temperature ranges from 19.1 to -3.2°C. It is relatively cool and damp in summer compared to other regions in Hokkaido. The annual precipitation is about 1,200 mm. Seventy percent of the whole precipitation concentrates to summer season, which decrease the sunshine time to the halves compared to other seasons. The average maximum snow depth is 20-50 cm. The maximum freeze depth reaches 30cm in the forest and 70 cm on bare grounds.

During the field trip, participants will visit the long-term and large-scale research sites for forest biodiversity, carbon cycling and budget, ecosystem structure and functions including the heat-cable manipulation experiments, CO₂ flux tower, canopy crane and so on.

TOEF web http://forest.fsc.hokudai.ac.jp/~exfor/Toef/hp_e/toef/top.html

Pre-meeting tour to Akkeshi Marine Station

A pre-meeting tour (with a short scientific session) will be held between 2nd-4th September at a wetland and coastal JaLTER-site in eastern Hokkaido (Akkeshi). Capacity of this tour is 20 individuals. Please contact Massa Nakaoka <nakaoka@fsc.hokudai.ac.jp> if you are interested in joining this pre-meeting tour.



GENERAL DESCRIPTION

Akkeshi Marine Station of Hokkaido University is located on the shore of Akkeshi Bay, on the Pacific Coast of the eastern part of Hokkaido Island, Japan. It was established in 1931 for biological research on marine animals and plants in this region.

Akkeshi Bay is connected with a shallow estuary, Akkeshi-ko, at the bayhead and with the Pacific Ocean at the bay mouth. Most of its coast is rocky shore, although it also has some sandy beaches. Akkeshi Bay is strongly affected by the cold current 'Oyashio' which flows down from Bering Sea through Kamchatka. This area and its vicinity have a rich fauna and flora of boreal species, which indicates characteristic features different from the other coastal areas of Japan.

Web site <http://www.fsc.hokudai.ac.jp/akkeshi/Welcome-e.html>

Program of pre-meeting tour.

- 2nd Sep. (Fri) Arrival at Akkeshi either (1) via Kushiro Airport (KUH) or (2) via New Chitose Airport (CTS) and by train from Chitose to Akkeshi (5 hour by express train).
- 3rd Sep. (Sat) AM: Field excursion to coastal areas by Research Vessel "Misago-maru"
PM: A short scientific session "LTER and integrated research on aquatic and marine ecosystems"
- 4th Sep. (Sun) AM: Field excursion to wetland ecosystems in Bekanbeushi and Kushiro mires
PM: Transfer to Sapporo by train/railway (5 hour ride with scenic view).

Estimated cost (separated from cost for ILTER meetings in Sapporo)

Accommodations: 2,000 – 2,600 JPY for 2 nights stay in the dormitory of Akkeshi Marine Station (Bedroom shared by 3-8 members). Alternatively, you can also stay in hotels at downtown (both western and Japanese styles) with a cost of ca.5,000-7,000 JPY per night.

Meals and field trips: ca. 10,000 JPY

Bus and train between Kushiro Airport and Akkeshi 1,810 JPY

Train between Akkeshi and Sapporo: 9,500 JPY for one way

Registration form for ILTER 2011 annual meetings

国内参加者用フォーム

Personal information

Name

Family: _____ Middle: _____ First: _____

氏名（日本人のみ；漢字表記） _____

Title (Prof./Dr./Mr./Ms.): _____ Gender (Male/Female): _____

Date of birth (day/month/year): _____ / _____ / _____

Name to appear on badge (if different): _____

Nationality: _____

Occupation: _____

Affiliation: _____

Postal address:

Street: _____

City: _____ State/Province: _____

Country: _____ Zip code: _____

Email: _____

Telephone: _____ Fax: _____

Any special needs (disability, dietary, etc.):

I agree that my e-mail address will be included in the participants' list (Yes/No): _____

Price (registration and meal)

Item	Price	Number of person	Subtotal (JPY)
Registration fee*	一般	10,000 円	
	学生/大学院生	0 円	
Welcome dinner (5 th Sep.)	4,000 円		
Field trip, lunch and dinner (7 th Sep.)	6,000 円		
Farwell dinner (9 th Sep.)	6,000 円		
		Total (円):	

* Registration fee will support ILTER activities associated with the meeting.

* Participants from Japan need to book your accommodation in Sapporo by yourself.

Any special needs (shortening of the stay, roommate for twin room, etc.):

I want to apply pre-meeting tour to Akkeshi Marine Station (2-4th Sep.) (Yes/No):_____

Note: See details in page 6.

Instructions for abstract submission

If you wish to make a presentation at the ILTER 2011 meeting then please provide the information requested below and return the form to ILTER2011host@ees.hokudai.ac.jp and copy to Patrick Bourgeron (Patrick.Bourgeron@Colorado.EDU) and Manuel Maass (manuel.maass@gmail.com) by 31st May, 2011.

Type of presentation (Oral/Poster): _____

Topics:

- Research
- Introduction of ILTER sites

Preferred Session –

Monday 5th September (organized by JaLTER) Yes

Tuesday 6th September (organized by ILTER) Yes

Title of presentation: _____

Authors (affiliation): _____

Corresponding author: _____ Email: _____

I will submit the manuscripts for the special issue of Eurasian Journal of Forest Research.

- Yes (Original full-paper) Yes (Review paper) No (presentation only)

Abstract (200-300 words)

Information of venue and organizer

Hokkaido University <http://www.hokudai.ac.jp/en/>

Campus map of Hokkaido Univ. <http://www.hokudai.ac.jp/bureau/map-e/mapindx1-e.htm>

Campus guide of Hokkaido Univ. http://www.hokudai.ac.jp/en/documents/guide_english.pdf

Tourist information of Sapporo city <http://www.welcome.city.sapporo.jp/english/index.html>

Tomakomai Experimental Forest http://forest.fsc.hokudai.ac.jp/~exfor/Toef/hp_e/toef_e.html

JaLTER http://www.jalter.org/index.php?ml_lang=en

ILTER <http://www.ilinternet.edu/>

GLP Sapporo Nodal Office <http://www.glp.hokudai.ac.jp/>

IFES-GCOE, Hokkaido University <http://www.ees.hokudai.ac.jp/gcoe/en/index.html>

Ecosystem Adaptability GCOE of Tohoku University http://gema.biology.tohoku.ac.jp/index_e

Contact

ILTER2011host@ees.hokudai.ac.jp

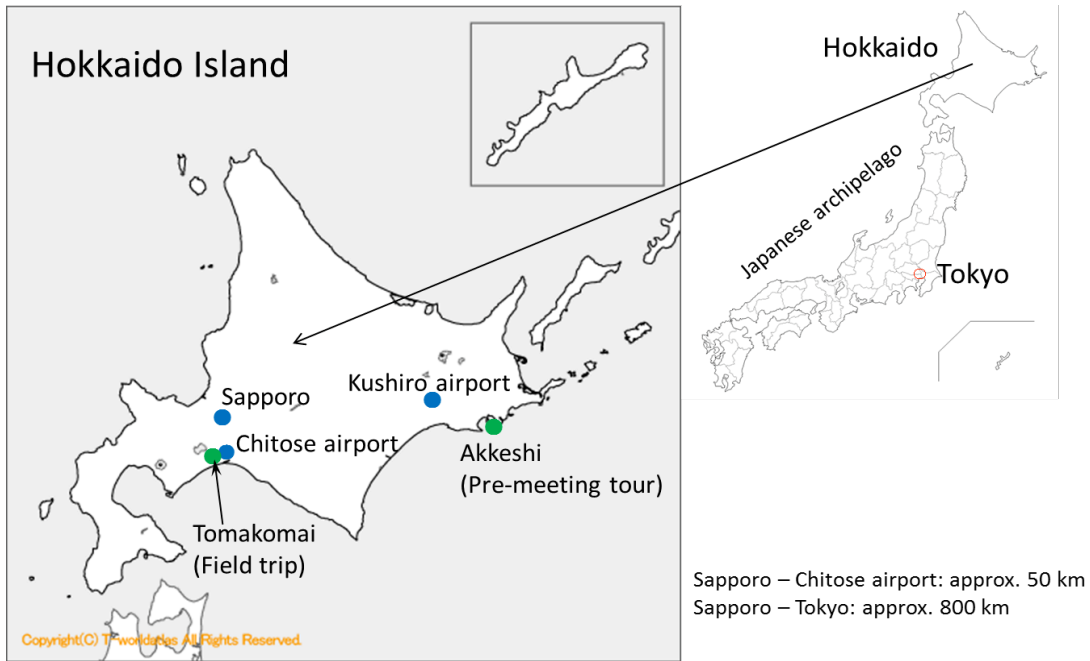
Meeting URL

<http://www.ees.hokudai.ac.jp/gcoe/ilter2011/>

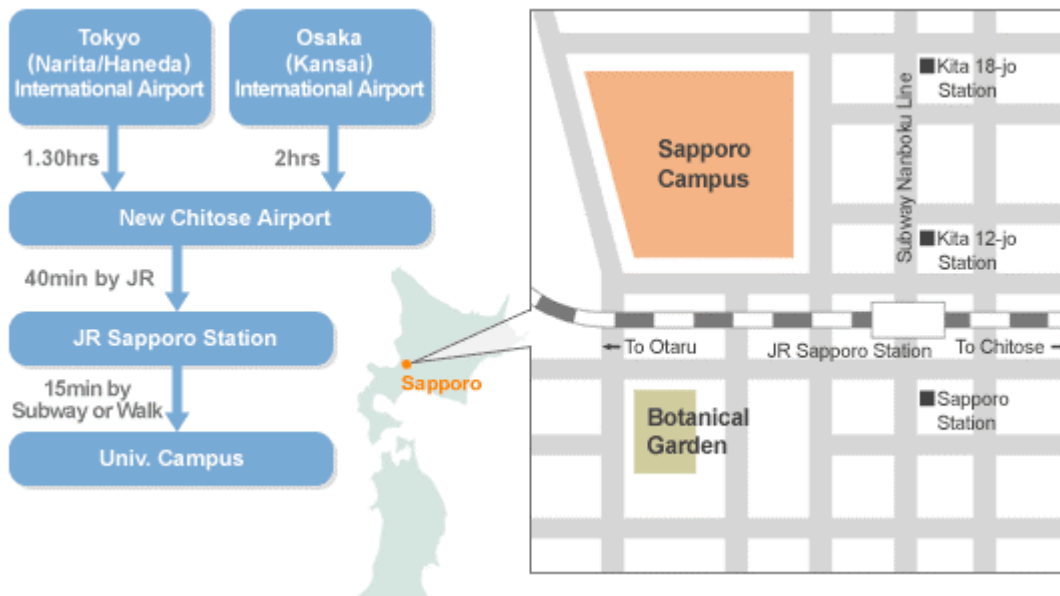
Local organizing committee

Masahiro Nakaoka (Chair; Hokkaido Univ.), Takashi Kohyama (Hokkaido Univ.), Tohru Nakashizuka (Tohoku Univ.), Yasuhiro Yamanaka (Hokkaido Univ.), Hiroyuki Muraoka (Gifu Univ.), Tsutomu Hiura (Hokkaido Univ.), Nobuhito Ohte (Univ. of Tokyo), Karibu Fukuzawa (Hokkaido Univ.), Tatsuro Nakaji (Hokkaido Univ.), Masahiro Nakamura (Hokkaido Univ.), Hiroko Kurokawa (Tohoku Univ.), Naosuke Okada (Hokkaido Univ.), Hideaki Shibata (Executive officer; Hokkaido Univ.)

This meeting is partly supported by the Japan Society for the Promotion of Science (JSPS).

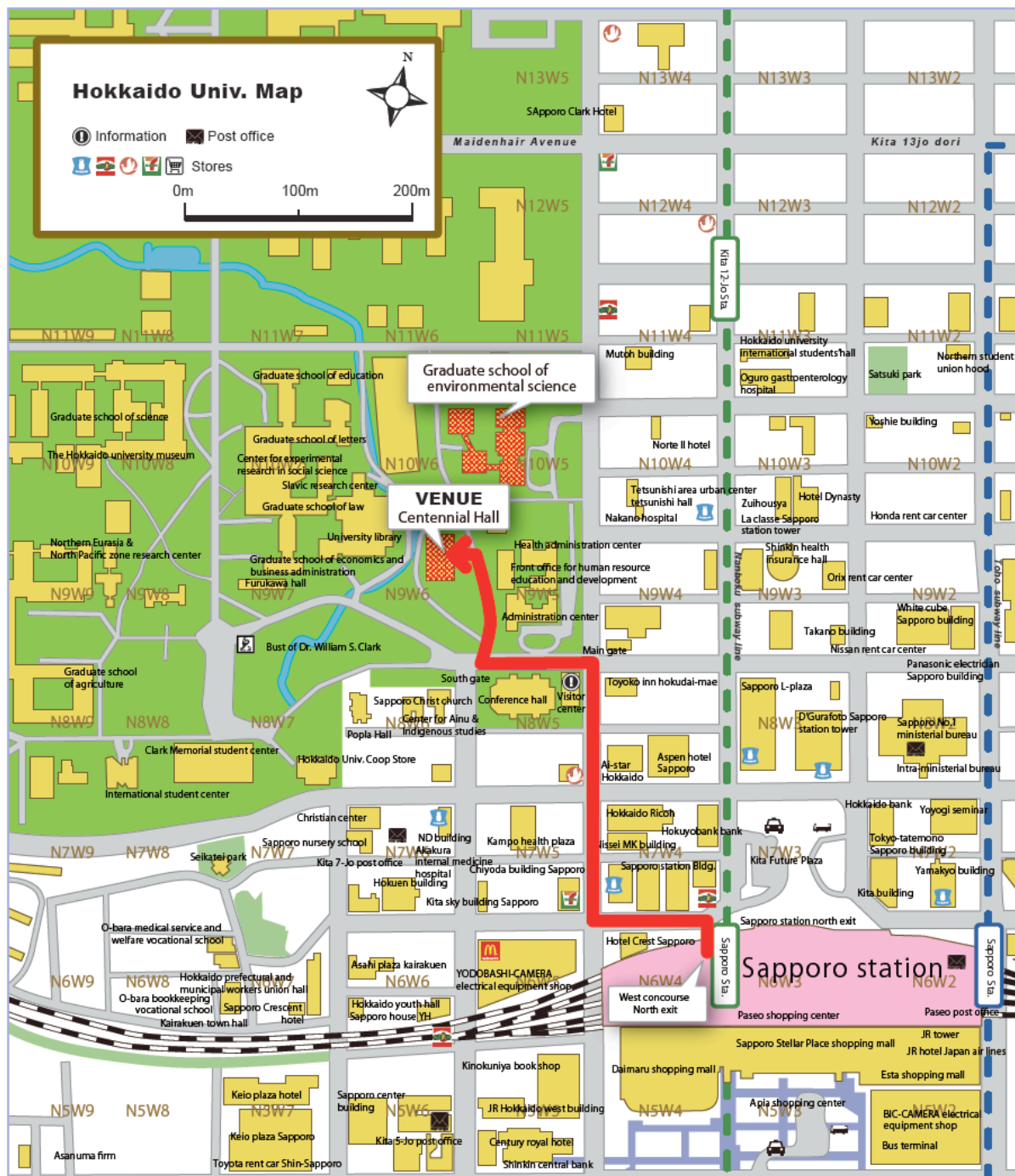


Location of Hokkaido Island and Sapporo city



Access to Sapporo campus of Hokkaido University

<http://www.hokudai.ac.jp/en/pickup/accesstocampus.html>



Location of the venue in the campus of Hokkaido University

Other map http://www.hokudai.ac.jp/en/documents/guide_english.pdf