HOKKAIDO UNIVERSITY

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北海道大学
「持続可能な開発」
国際戦略



HOKKAIDO UNIVERSITY INITIATIVE FOR SUSTAINABLE DEVELOPMENT

About This Document

This is the overview report of Hokkaido University Initiative for Sustainable Development(HUISD) from 2005 to 2009. This mainly consists of PDF files converted from the website or the report of the Initiative for Sustainable Develpment.

To keep the records as of when the initiative was made, some pages include out-of-date information, website links, and contact information which is not valid currently.

This is the English report of HUISD from 2005-2009. It is also available in Japanese language as well as the annual reports of “Sustainability Weeks” which is a campaign Hokkaido University launched in 2007 to promote research and education for the realization of a sustainable society.

Also, please understand that it is difficult to answer inquiries about the initiative details. We hope this document helps you somehow to contribute to achieve a sustainable society.

Secretariat of Sustainability Weeks
Hokkaido University
March, 2017

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1. Overview of Activities

Overview

- Strategy name : Hokkaido University Initiative on Sustainable Development (HUISD)
- Strategy period : November, 2005 – March, 2010
- Strategy goal : To contribute to sustainable development
- Organization and management of HUISD : The Promotion Committee of HUISD
    - Chairperson : president of Hokkaido University
    - Administration : Division of International Planning, Research and International Academic Department
- Objectives : Hokkaido University, aspiring to promote its activities in the fields of education, research and social contribution as an internationally characteristic university, has set forth the following objectives:
    - To attract the world's top university management resources
    - To contribute to the international society with those resources
- Priority areas : Hokkaido University has enough track record and accumulation of expertise to respond to international demands in extensive academic fields that constitute the foundation of sustainability. The representative academic fields include:
    - Global warming
    - Integrated water management
    - Establishment of a recycle-oriented international community
    - Stabilized securement of food and forest
    - Measures against infectious diseases
- Activities and challenges: The major activities aiming to contribute to make a sustainable society are
    - Reinforcement of exchanges with universities worldwide
    - Increase in the number of international students
    - Strengthening international public relations and overseas networks

- Promotion of international cooperation

・ Member of the Promotion Committee of HUISD

- Chairperson
  - Mutsuo Nakamura (President of Hokkaido University)
    Nov 2005 - Apr 2007
  - Hiroshi Saeki (President of Hokkaido University)
    May 2007 – Mar 2010

- Global Manager
  - Takeo Hondo (Professor of the Institute of Low Temperature Science/ Executive & Vice president, May 2007 – Mar 2010)
    Nov 2005 – Mar 2010

- Committee Members
  - Motoyoshi Ikeda (Professor, Faculty of Environmental Earth Science) Nov 2005 – Mar 2010
  - Mitsuru Osaki (Professor, Research Faculty of Agriculture)
    Nov 2005 – Mar 2010
  - Shunji Kanie (Professor, Faculty of Engineering)
    Apr 2009 – Mar 2010
  - Kosyu Kadota (Director of the Research and International Academic Department) Nov 2005 – Jan 2006
  - Hiroshi Kida (Professor of Faculty of Veterinary Medicine/ Head of the Research Center for Zoonosis Control)
    Nov 2005 – Mar 2010
  - Mamoru Kobayakawa (Professor of Research Faculty of Media and Communication) Nov 2005 –Mar 2009
  - Yoshihiro Sekine (Director of the Research and International Academic Department) Jan 2006 – Mar 2007
  - Kazuhiko Hayashi (Director of the Research and International Academic Department) Apr 2007 – Mar 2010
  - Naoyuki Funamizu (Professor of Faculty of Engineering)
    Apr 2008 – Mar 2010
  - Fumikazu Yoshida (Professor of Faculty of Economics)
    Nov 2005 – Mar 2010
  - Yoshimasa Watanabe (Professor of Faculty of Engineering)

Nov 2005 – Mar 2008

・ Points worth special mention：

- Hokkaido University's strategy for internationalization based on the Hokkaido University Initiative for Sustainable Development (HUISD) was selected for the Ministry of Education, Culture, Sports, Science and Technology's Strategic Fund for Establishing International Headquarters in Universities in FY 2005 (as one of the 20 projects selected from among 65 applications). It was implemented with a financial assistance of 115.75 million yen over the five-year period until FY 2009.

- To ensure the sound implementation of the strategy, a global manager and project planners were appointed.

    - Global Manager: Takeo Hondo (Repeat)

    - Project Planners:
        - Riyuki Takemura (Jan 2006 – Mar 2010)
        - Masatomo Toyoda (Apr 2006 – Dec 2007)

- Based on the strategy, a range of international activities related to sustainability were launched. These include the Sustainability Weeks (since 2007); the G8 University Summit, held in 2008 under the theme of global sustainability; and collaborative education consortium programs with overseas universities, such as the Promotion of Sustainability in Postgraduate Education and Research network (ProSPER.Net) and the Alternative University Appraisal (AUA) project.

2. Pamphlet

HOKKAIDO UNIVERSITY INITIATIVE FOR SUSTAINABLE DEVELOPMENT



北海道大学「持続可能な開発」国際戦略

1 Objectives of internationalization strategy

Hokkaido University, aspiring to promote its activities in the fields of education, research and social contribution as an internationally characteristic university, has set forth the following objectives of its internationalization strategy:

- To attract the world's top university management resources (distinguished people, goods, information, organizations, funds);
- To contribute to the international society with those resources



2 Activities and challenges

The Executive Office of International Affairs has been developing a variety of activities aiming to stimulate international exchanges. The major activities are as follows:

❶Reinforcement of exchanges with universities worldwide

HU has concluded the Exchange Agreements with 134 universities, including the Departmental Exchange Agreements, thereby encouraging exchanges of faculty members and students. Among other universities, we have been strengthening exchanges with Seoul National University (South Korea), the University of Oulu (Finland) and the University of Auckland (New Zealand) primarily through the hosting of university-wide symposiums.

❷Increase in the number of international students

Northeast Asia, particularly, China, South Korea and Taiwan play an important role in increasing the number of international students. We have formulated the "Strategic Planning for International Cooperation" and promoted exchanges with these areas in order to increase the number of international students. HU offers scholarships to international students enrolled at Peking University (China) and Seoul National University who study at HU Graduate Schools.

❸Strengthening international public relations and overseas networks

We have created communication campaigns at overseas schools and taken the opportunity of international symposiums to make more people know about HU. We have newly published and widely distributed the HU introductory pamphlet's much-demanded Chinese and Korean versions in addition to English. The quarterly-published English and Chinese Newsletter also introduce HU's current activities in an easy-to-understand manner. The Korean Newsletter will be available soon. We have been proceeding with preparations for establishing our office in Beijing to further promote public relations activities targeting Chinese researchers and students, as well as support former international students for alumni associations' activities.

❹Promotion of international cooperation

We concluded the Comprehensive Partnership Agreement with the Japan International Cooperation Agency (JICA) in April 2005, forging a stronger cooperative framework than ever. Furthermore, we have accepted trainees regarding the establishment of a waste disposal system in Inland China in collaboration with the Japan Bank For International Cooperation (JBIC).

We do acknowledge our steady achievement through these activities. However, more efforts are needed to attain the objectives enumerated in 1 above. We need to take the actions below to beef up our internationalization strategy.

- To make tangible the fact that internationally competitive education and research have been practiced;
- To make the university have a high affinity with the international society and abound in diversity;
- To strengthen international philanthropic activities through transmission of academic results and policy recommendations, and development of international cooperation activities

3 Target of International Strategy: Hokkaido University Initiative for Sustainable Development

HU highlighted "sustainable development" as the area to experiment a trailblazing model which serves as the foundation for promoting our wide-ranging internationalization. Through the process of establishment of HU's international position in the field of "sustainable development," foremost issues in organizational, institutional and personnel aspects would become clear, which is required for internationalization of university activities. As a result of problem solving experiences, we would be able to accelerate HU's internationalization in other areas.

Our attempt is expected to be the model for other universities when they develop their international strategies.

❶ Background of the target

Human beings are currently facing a variety of crises, e.g. deterioration of the global environment, energy shortages, food shortages and global warming. All of such crises concern the survival of human beings and call the sustainability of human society into question. The sense of crisis serves as the driving force behind the United Nations and various other international institutions, which have repeatedly presented diverse appeals concerning sustainability. In Japan, a myriad of undertakings have also been launched in response to these international demands. Also in academic circles, sustainability has been discussed in various fields, but a major trend has not yet been created. Under these circumstances, the Science Council of Japan stated in the form of summarizing 10 targeted missions, "The key words for the science and technology policies running through all of the 10 items related to the national targeted missions are: Human society's sustainability; that is, the harmony between environment and economy" in the Principles of Strategic Science and Technology Policy, Japan, which were released spring 2005. Sustainability has thus become the top priority not only in the international community, but also in academic circles.

We at HU have enough track record and accumulation of expertise to respond to international demands in extensive academic fields that constitute the foundation of sustainability. The representative academic fields include:

- Global warming
- Integrated water management,
- Establishment of a recycle-oriented international community,
- Stabilized securement of food and forest
- Measures against infectious diseases.

These fields require the diverse competence not only for research, but also education and international cooperation. We believe that making "sustainable development" the target of our international strategy will be effective for forcefully promoting HU's strategic problem resolution for internationalization.

❷ Goals of the Project on HUISD

This project will develop activities with the emphasis on reinforcement of the following four functions in HU's internationalization:

1.International research partnership

We will present specific case examples of international research partnerships centering on HU by developing HU's research strategy for sustainable development which aims at the harmony between environment and development. In particular, we will establish international networks that will lead to specific policy recommendations and problem resolution regarding the natural environment and recycling-oriented society in Northeast Asia along the Sea of Okhotsk; and problems of infectious diseases in Asia. Development of research exchanges with research institutions is expected to transcend the scope of mere friendly exchanges.

2.International education partnership

We will systematize education in the field of sustainable development targeting for freshman as well as working adults. We will strengthen the function of developing educational programs designed to foster human resources that will play an active role at international institutions, by reinforcing partnerships with international organizations. Those educational programs would appeal to international students and researchers from abroad. Besides, efforts will be made to develop system and capacity to take in more international students and researchers.

3.International cooperation, public relations and brand equity

We will strengthen HU's contribution to local and international society by promoting international cooperation through research and human resources development, by holding of international symposiums and policy recommendations regarding Sustainability Governance.※ In particular, interactive public relations abilities will be strengthened by publicizing our rigorous process in the five academic fields mentioned above in an easy-to-understand manner, and by responding to the needs of the international society and local communities. As a result we will be able to lead our efforts to brand formation as a university with high international compatibility.

※ Sustainability Governance Project: Capabilities and mechanisms to be acquired by the entire society, including central and local governments, companies, universities and even individual citizens, to solve problems pertaining to sustainability.



4.Comprehensive administrative services

In forming and improving the aforementioned functions, we will strengthen the administrative capability as follows:

- Abilities to manage on-campus internationalization-related programs
- Abilities to develop international relations
- Abilities of international cooperation and contribution
- Abilities of international public relations
- Abilities to support international clerical work, e.g. international contracts and logistics
- Abilities to enhance on-campus international exchange

❸Organization and Management of HUISD

We at HU have the Executive Office of International Affairs and the International Student Center, which are in charge of general matters regarding international exchanges and matters concerning the acceptance of international students, respectively. While cooperating with these existing organizations, we will newly establish the Promotion Committee for HUISD as a university-wide committee. With the President as the Committee Chairperson, the committee consists of the Global Manager, HU's faculty members and the Director of the Research and International Academic Department. As the substantially responsible person for this committee, the Global Manager will plan and draft international strategy for sustainable development and strengthen partnerships with the institutions concerned at home and abroad. The Project Planner will be assigned to assist the Global Manager and reinforce international functions. Under the Promotion Committee, the Liaison Committee for HUISD, consisting of the members of the Promotion Committee, international partnership research institutions, JICA, JBIC, etc., will be inaugurated to exchange information on international partnerships and study partnership measures.

We will improve the functions of the International Student Center in line with the progress of this project and are scheduled to change the International Student Center into the Center for International Exchange, which will assume more extensive support functions regarding international exchanges.

4 Measures to promote HUISD

Field of sustainable development involves various disciplines and requires new perspectives that mutually connect such disciplines along with political and economical perspectives. In this project, the five sustainability-related areas will be reviewed against a backdrop of knowledge nurtured at HU thus far from the viewpoint of sustainability in a cross-sectoral manner.

- Global warming
- Integrated water management
- Establishment of a recycle-oriented international community
- Stabilized securement of food and forest
- Measures against infectious diseases.

The five areas used to be regarded as independent disciplinary problems, but larger partnerships are currently called for from the viewpoint of sustainability and HU's cohesive strategy transcending departmental and organizational boundaries is indispensable. From these perspectives, this project has set up the following three challenges as specific goals of HUISD. The process of the project will improve HU's functions and abilities of international responses and partnerships as a whole.

Challenge 1

Climate and Environmental Systems in Northeast Asia, Pan-Okhotsk and North Pacific

The basic mechanism of high biological productivity of the Sea of Okhotsk and the Kurile Current was elucidated by research projects in which HU took the initiative, and the key is the natural environment of the Amur River basin as well as the fact that the Sea of Okhotsk is covered with sea ice during winter. There are concerns that a decline in sea ice production due to warming and advanced natural destruction in the Amur River basin will not only adversely affect fishery resources, but also further accelerate global warming. Namely, this challenge is related with all the five areas and is also an issue of international environmental policies.

As the international strategy regarding this challenge, it is essential to forge partnership relations that enable the countries concerned to have common perceptions from scientific standpoints about environmental issues that can evolve a pattern of confrontation. While individual research projects are promoted by individual researchers and research groups, it is the HUISD's mission to piece together and publicize such research projects as an achievement of HU; and establish partnership relations centering on HU with universities and

research institutions in the countries concerned especially Far East Russia, China and Korea. We will launch an international partnership organization: the Scientific Consortium for Pan-Okhotsk Environmental Research (tentative name), and summarize policy recommendations based on science. Through these activities, expertise will be accumulated so that HU will exercise its initiative on a global scale.

Challenge 2

Zoonosis

In recent years, emerging and re-emerging infectious diseases, e.g. severe acute respiratory syndrome (SARS) and infectious diseases caused by new strains of influenza viruses, have been wrecking havoc around the world, threatening human beings. The recent significant environmental changes have caused frequent outbreaks of these zoonoses and the risk of broader zoonosis dissemination has been increasing due to the globalization of distribution. HU has the wide-ranging potential because it serves as Japan's research and education base of zoonosis. Our programs in this area cover field that are directly related with zoonosis such as "stabilized supply of food and secured forests" and "measures against infectious diseases," "global warming" as the basis of zoonosis, in addition to countermeasures for zoonosis such as "integrated water management" and the "establishment of a recycle-oriented international community."

Individual research projects are promoted by individual researchers and research groups, this HUISD regards the following three points as its missions:

- Public relations as HU which have integrated the individual research projects;
- Study and summarization of measures in the form of recommendations as HU by transcending the boundaries of international institutions (e.g. World Health Organization and Food and Agriculture Organization) and government ministries and agencies (e.g. Ministry of Health, Labour and Welfare and Ministry of Agriculture, Forestry and Fisheries of Japan);
- Establishment of a mechanism of supporting responses with international institutions, which has been left to individual researchers

These will improve HU's functions of comprehensive internationalization support.

Challenge 3

Sustainability Governance Project (SGP)

SGP strives to establish university-wide organizations as well as research and education promotion systems that encompass the five areas characteristic of HU. Its objectives are to systematize research and education that have thus far been conducted by separate and independent departments without collaboration into the science of sustainability and to make policy recommendations that concern sustainable development.

It is vital for HUISD to support SGP to form a new academic discipline and policy recommendations, adding to support of public relations. The establishment of the Global Land Project (GLP) is currently under way as a new organization that transcends the boundaries of existing international scientific committees regarding the environmental earth science. HUISD will support the formation of bases in HU to respond to these international trends.



5 Expected reaults

The following results are expected of the HUISD:

1 Direct results

1.Establishment of the Pan-Okhotsk Environmental Science Network (tentative name)

An international network will be established in which research institutions and researchers in the countries concerned, including Far East Russia, Northeast China, Korea and Japan (e.g. HU and Kitami Institute of Technology), will share their scientific recognitions and discuss measures to leave valuable natural systems behind for future generations as well as measures for sustainable development.

2.Establishment of a system of responding to international and other organizations

HU will have as its system the function of supporting researchers to respond to demands from the U.N., WHO, JICA and other international institutions and Japanese government ministries and agencies.

3.Establishment of a system of supporting international educational partnerships

HU will have as its system the function of supporting the establishment of international educational consortiums. HU will support to open International Antarctic University, which Australia, Japan and other countries have striven to open in either 2007 or 2008, and the new international curriculum for sustainable development, which is planned in HU's SPG.

4.Development and execution of the international joint program for environmental science literacy

To realize sustainable development, it is important to disseminate environmental science literacy in civil society at home and abroad. This project aims to open interactive channels between universities and society by developing educational program for environmental science literacy, which is related with the three challenges as stated in Section 4 (Measures to promote HUISD), jointly with civic organizations, NGOs and other organizations in Japan and abroad.

5.Policy recommendations

As fruits of related international joint research activities with regard to "sustainable development of Northeast Asia," "zoonosis control" and "Sustainability Governance Project", and policy recommendations based on scientific knowledge will be made.

2 Indirect results

1.Improvement of management systems

Establishment of the Promotion Committee and the Liaison Committee:

international joint research and human resources development, which have been conducted on a departmental or individual level thus far, as HU's entire strategies, the Promotion Committee for HUISD, a university-wide committee under the direct control of the President, has been established. Besides, the Liaison Committee for HUISD will be inaugurated under the Promotion Committee to strengthen partnerships with a variety of international institutions, international programs, research institutions at home and abroad.

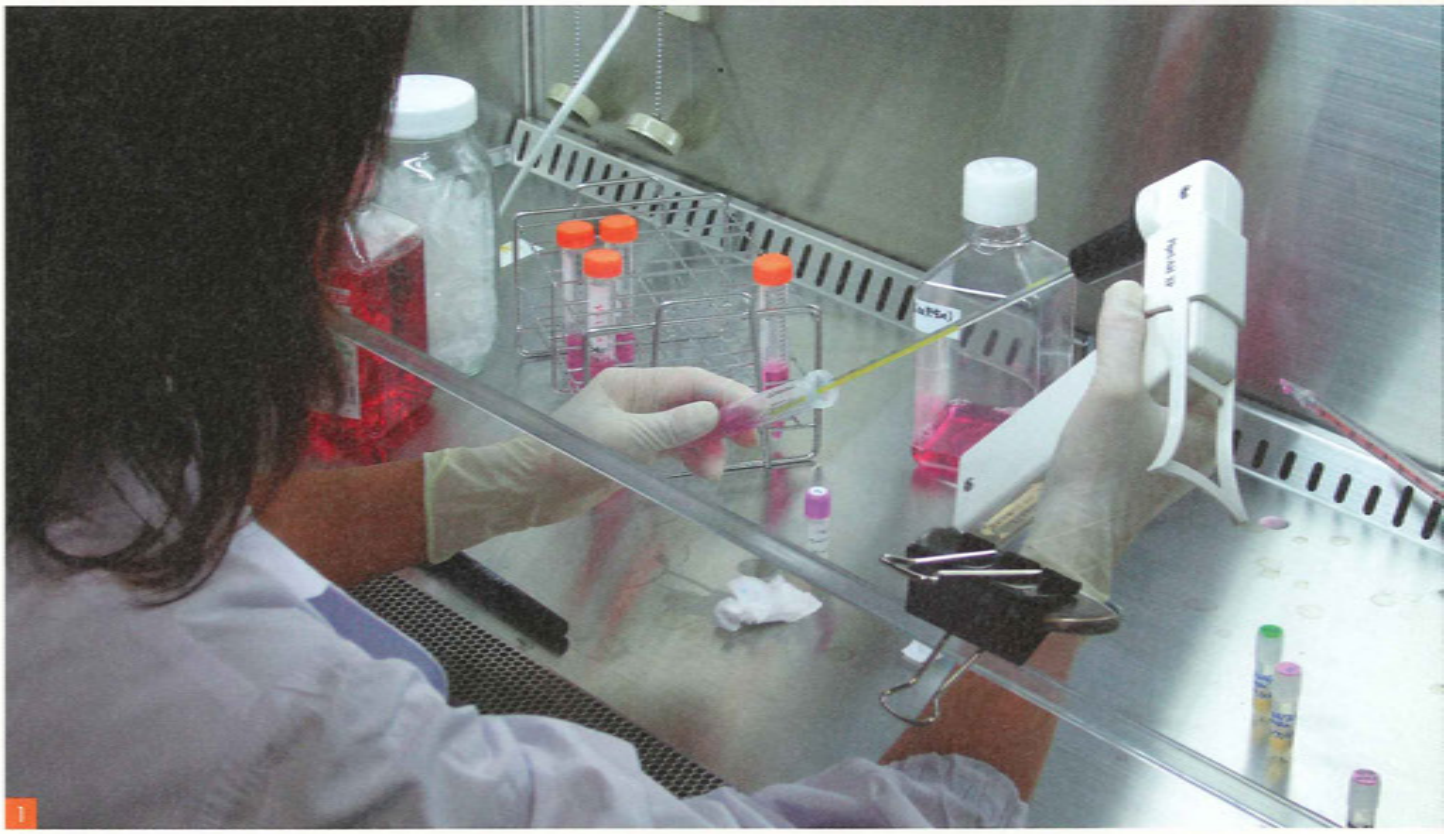
2.Environmental improvement

Foundation of the Center for International Exchange:

We will change the International Student Center into the Center for International Exchange, which will assume more extensive support functions for international students as well as researchers from foreign countries.

Improvement of competence of administrative staff:

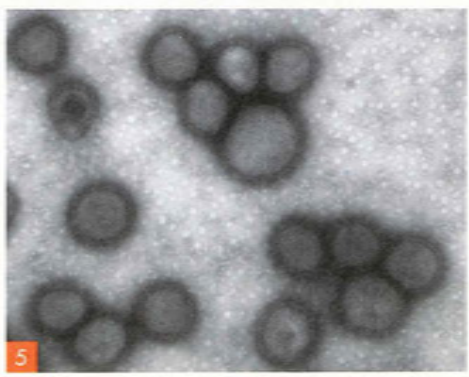
We will hold training that enables the administrative staff to acquire competence to support international administrative work, e.g. international contracts and logistics. At the same time, we will employ and use external human resources until the said competence has been fostered.











1 Analyzing properties of pathogenic microbes and resulting vaccines
2 Overseas field surveys
3 Monitoring the Sea of Okhotsk
4 Sea of Okhotsk covered by sea ice
5 Influenza virus

We are looking for three kinds of partners in the field of Sustainable Development:

- Research
- Education
- International cooperation

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Phone: 011-716-2111
URL: http://www.hokudai.ac.jp

3. Publicity Materials

「持続可能な開発」国際戦略本部

北海道大学は、「持続可能な開発」に関連する研究と教育の高度化を図り、その成果を活用し国際社会に貢献するため、総長を本部長とする「持続可能な開発」国際戦略本部を2005年に設置しました。

「持続可能な開発」国際戦略本部の発展

当本部の活動が拡大した結果その機能は、2010年に新しく設置された国際本部ならびにサステイナブル・キャンパス推進本部に引き継がれ、さらに発展をしています。それにより、サステナビリティ・ウィーク事業やサステイナブル・キャンパス活動をはじめ、北海道大学の教育・研究・経営・社会貢献活動のあらゆる面において持続可能な社会の実現に向けた取り組みが進められています。

北海道大学「持続可能な開発」国際戦略本部

英名を “Hokkaido University Initiative on Sustainable Development”、通称：HUISD／ヒューイスドと呼びます。

2005年度～2009年度におけるHUISDの概要は以下の通りです。

活動

持続可能な社会の実現を目指し、

1. 海外の大学や研究機関との一層の連携を図り研究や教育を促進します
2. 知見・経験を活用して国際協力を推進します
3. 知見・経験の還元を意識した海外向け広報を行います
4. 上記の活動を行う教員を組織的に支援します

重点領域

北海道大学は豊富な実績のある5つの代表的な学問領域において、持続可能な社会の実現に向けた研究・教育に取り組み、その成果を「持続可能性」に関わる国際的な課題の解決に活用します。

- 地球温暖化
- 水の統合的管理
- 循環型社会の構築
- 食糧・森林の安定的確保
- 感染症対策

「持続可能な開発」国際戦略推進委員会

当本部の事業を担う委員会のメンバーは以下の通りです。

議長

- 中村　睦男　（北海道大学　総長）2005年11月-2007年4月
- 佐伯　浩　（北海道大学　総長）2007年5月-2010年3月

グローバルマネージャー

- 本堂　武夫　（低温科学研究所　教授）　2005年11月-2010年3月

委員

- 池田元美（地球環境科学研究院　教授）2005年11月-2010年3月
- 大崎　満　（農学研究院　教授）2005年11月-2010年3月
- 蟹江　俊仁（工学研究科 教授）　2009年4月-2010年3月
- 門田　公秀（学術国際部　部長）　2005年11月-2006年1月
- 喜田　宏獣（獣医学研究科　教授・人獣共通感染症リサーチセンター長）2005年11月-2010年3月

- 小早川　護（メディア・コミュニケーション研究院　教授）2005年11月-2009年3月
- 関根　仁博（学術国際部・部長）2006年1月-2007年3月
- 林　和彦　（学術国際部・部長）2007年4月-2010年3月
- 船水　尚行（工学研究科　教授）2008年4月-2010年3月
- 吉田　文和（経済学研究科 教授）2005年11月-2010年3月
- 渡辺義公　（工学研究科　教授）2005年11月-2008年3月

HUISDの実績

当サステナポータルサイト（HUISD Portal Site）の中で公開しています。

▼「持続可能な開発」国際戦略本部のページ
http://sustain.oia.hokudai.ac.jp/huisd/jp/activity/category/hu/hd

問い合わせ

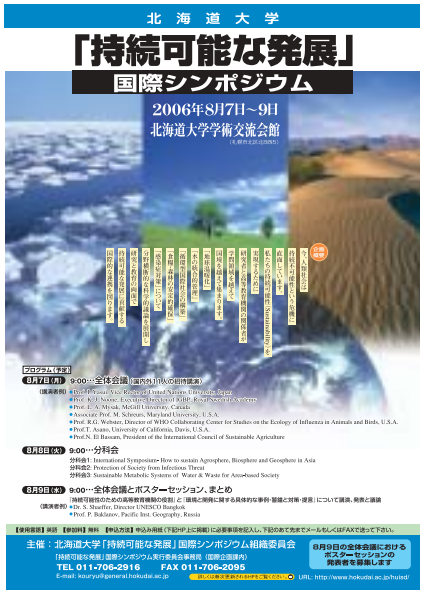
北海道大学　国際本部

▼HUISD 問い合わせフォーム
https://sustain.oia.hokudai.ac.jp/q_jp/

北海道大学の組織	「持続可能な開発」国際戦略本部
カテゴリ	設立・開始・採択

Activity by HUISD*
International Symposium on Sustainable Development

*About HUISD
Aspiring to become a more international university, Hokkaido University launched the new "Hokkaido University Initiative for Sustainable Development (HUISD)" project: in 2005. The headquarters responsible for this project was established, with the expectation of strengthening the foundation for HU's internationalization policy to be fulfilled in five years' time by March 2009 (FY 2008).
(→ See page 3)



Hokkaido University initiates a symposium in summer 2006 to contribute the realization of sustainable development. We invite speakers over the world and create a platform on which researchers and educators, from various disciplines, gather and discuss our future.

Human beings are currently facing a variety of crises, e.g. deterioration of the global environment, energy shortages, food shortages and global warming. All of these crises concern the survival of human beings and the sustainability of human society.

Hokkaido University has enough track record and accumulation of expertise to respond to international demands in extensive academic fields that constitute the foundation of sustainability. The representative academic fields are "Global Warming," "Integrated Water Management," "Establishment of a Recycle-oriented International Community," "Stabilized Securement of Food and Forest" and "Measures Against Zoonosis." These fields require competence in research, education and international cooperation. We are honored to host an international symposium on "sustainable development" with our initiatives in these areas. We hope this symposium will promote international collaboration in both education and research by transcending academic, national and regional boundaries.

For further information:
http://www.hokudai.ac.jp/huisd/symposium.html
http://www.hokudai.ac.jp/huisd/en/symposium.html

Hokkaido University International Symposium on Sustainable Development

Date: August 7 (Mon.) – 9 (Wed.), 2006
Venue: Hokkaido University Conference Hall
Expected number of attendants: 300 (including those who from our partner universities)


▲Analyzing properties of pathogenic microbes and resulting vaccines


▲Sea of Okhotsk covered by sea ice

Activity by HUISD

Hokkaido University Sustainability Science Forum "Future of Humanity and Global Environment" – From the Forests and Sea in the North –

Hokkaido University and the Asahi Shimbun Company, which is one of the biggest news distributing companies, will hold a two-day forum in summer 2006. This forum is aiming to provide opportunity for people to think about Sustainable Development. Research projects in Hokkaido University have been bringing to the fore the fact that nature's potential holds the key to realizing sustainable development. The forum aims to highlight the roles that the natural environment and people of Hokkaido can play for sustainability of the earth. Many famous individuals closely associated with Hokkaido, such as Mamoru Mohri (an astronaut graduated from Hokkaido University), So Kuramoto (Screenwriter living in Hokkaido), as well as Professors of Hokkaido University will discuss our sustainable future.

●August 5 (Saturday) in Tokyo – Yurakucho Asahi Hall

HU presentation "Sustainability that is explored through environmental technology"

Introducing recent world trends in environmental technology & the latest research results from HU in an easily comprehensible manner

Keynote speaker: *Motoyuki Suzuki (President of the Central Environment Council)*

Symposium

"Future of Humanity and Global Environment" – From the Forests and Sea in the North –

Introducing the roles that the nature of northern regions, such as Hokkaido and Okhotsk, play in global environment in an easy-to-understand manner

Keynote speaker: *So Kuramoto (screenwriter)*

●August 6 (Sunday) in Sapporo – Hokkaido University Conference Hall

Forum

"Future of Humanity and Global Environment" – In the Northern Area of Japan –

Exploring collaborative ways for researchers and citizens loving Hokkaido to tackle the sustainability crisis in the northern area of Japan.

Keynote speaker: *Mamoru Mohri (astronaut)*



▲Asahi Shimbun (22 & 24/06/2006)



▲Asahi Shimbun (16/06/2006)

For further information: http://www.hokudai.ac.jp/huisd/en/taiwa.html

From HUISD Secretariat: What HUISD Tries to Achieve

Hokkaido University Initiative on Sustainable Development (HUISD) was established in November 2005. Professor Takeo Hondo at the Institute of Low Temperature Science has been appointed as Global Manager, and two Project Planners responsible for practical business have been appointed from outside the university (Riyuki Takemura and Masatomo Toyoda). This team will promote internationalization of Hokkaido University in cooperation with the other members of the International Affairs Division.

The single phrase “internationalization of universities” actually involves extensive areas and diverse approaches. Our first target is to strengthen our presence in the area of Sustainable Development (SD). We intend to implement strategies concerning research, education and social contribution, by focusing on enhancements of functions in the following four areas:

(1) international research partnership
(2) international education partnership;
(3) international cooperation, public relations and brand equity; and
(4) comprehensive support (services) for international exchanges.



▲HUISD official pamphlet

We are expected to create a model for the university’s internationalization in the SD area by March 2010. The model is to lead subsequent projects in other areas.

The details and our official pamphlet are available at: **http://www.hokudai.ac.jp/huisd/**

Our challenge in 2006 is to host a science forum for citizens and an international symposium as specified.

(See page 1 & 2)


▲Members of HUISD

Activity by HUISD*
The Hokudai Network for Global Sustainability Derived from SD Symposium in Summer 2006

The Hokkaido University International Symposium on Sustainable Development was the first multidisciplinary international meeting of its kind, bringing together educators of higher educational institutes and researchers together to share their views on sustainable development of the world. Around 950 educators and researchers from 19 different countries and regions, representing fields as diverse as Earth Science, Ecology, Veterinary, Engineering, Political Science, Education and more, gathered for three days in Sapporo, Hokkaido, Japan on August 7-9, 2006.

The Symposium ended with proposals made for the creation of a network, named, the "Hokudai Network for Global Sustainability." ('Hokudai' is a very popular nickname for HU in Japan.) The purpose of the Network is to accelerate education and research on Sustainable Development by sharing ideas and information through the internet, therefore increasing exposure of its methods and increasing opportunities for collaborative activities. The information will be available soon at the following website.

Hokudai Network for Global Network: http://www.hokudai.ac.jp/huisd/en/

Partner Universities' contribution to Symposium

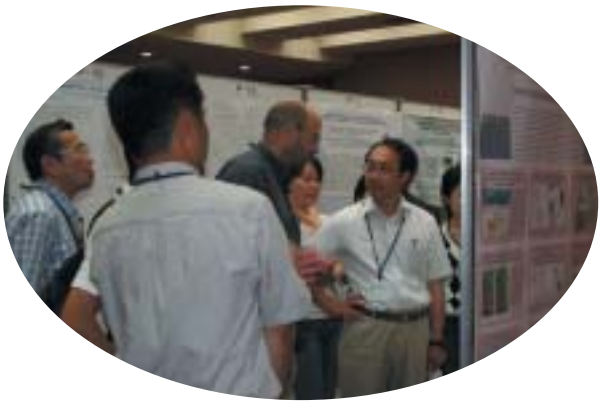
Thirteen partner universities sent their faculty members to the Hokkaido University International Symposium on Sustainable Development with eight of them making posters and fliers to assist their respective institution. Their contribution made the symposium fruitful in academic terms, and enhanced our students' interests on exchange programs between partner schools.

Many Thanks to: (Alphabetical order)

Chonbuk National University (The Republic of Korea)
Chungnam National University (The Republic of Korea)
Institute National Polytechnique de Grenoble (The Republic of France)
Nankai University (The People's Republic of China)
Portland State University (U.S.A)
Pukyong National University (The Republic of Korea)
Seoul National University (The Republic of Korea)
The University of Adelaide (Australia)
The University of Alberta (Canada)
The University of Auckland (New Zealand)
Université Joseph Fourier (The Republic of France)
University of Geneva (Swiss Confederation)
University of Hawai'i (U.S.A.)
University of Massachusetts (U.S.A.)
University of Science and Technology Beijing (The People's Republic of China)
Yeungnam University (The Republic of Korea)

*About HUISD
Aspiring to become a more international university, Hokkaido University launched the new "Hokkaido University Initiative for Sustainable Development (HUISD)" project in 2005. A headquarter responsible for this project was established, with the expectation of strengthening the foundation for HU's internationalization policy to be fulfilled in five years' time by March 2009 (FY 2008).


▲Panel discussion


▲Poster session


▲Partner university introduction corner

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