



HOKKAIDO UNIVERSITY

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3. Report of Sustainability Weeks 2013



Sustainability Weeks

Toward the 2014 program

Starting in September

- What is SW?
- History of SW
- Report: SW2013
- Why not join us?



The Sustainability Weeks Program Hosted by HU – a Pioneer of the Times

The frontier spirit is part of the very essence of Hokkaido University (HU). Having grown to encompass 20 graduate schools and 43 research institutes and centers, the institution strives to tackle a variety of challenges that humanity today faces, including disaster management, prevention of the spread of infectious diseases, ecosystem conservation and social inclusion. In the context of HU's promotion of practical learning and the active sharing of research findings for the common good, sustainability is an important theme to be discussed on a campus-wide basis. HU – a pioneer of the times – presents the Sustainability Weeks program to the rest of the world as a forum for discussion toward the goal of a sustainable future.

A Week for Multi-faceted Public Discussion on Challenges Threatening Humanity

During the Sustainability Weeks program, global warming, food/water shortages, poverty and other problems threatening humanity's existence are considered from a variety of perspectives, including those of science and technology, academia, government policy, economics, industry, daily living and lifestyles. In addition to involving members of the HU community, the event also attracts local residents as well as researchers and students from around the world for its discussions on ways to create a sustainable society.

An Open Global Platform for Exchanges with Input from over 120,000 People

Since its inception in 2007, the Sustainability Weeks program has seen 253 events of various kinds, including symposiums, exhibitions and idea contests, and has drawn a total of over 120,000 people. Attended by an ever-increasing number of visitors, the program is growing into an open global platform for exchanges among researchers on their latest work, education initiatives and achievements.





Learning for the Future

Sharing common awareness of issues and wisdom while nurturing hearts, energy, and friendships to pave the way to a new future.

14 events



2nd Student Environmental Symposium on Sustainability in Hokkaido University — Re-thinking about food consumption sustainability

Sep.10(Tue) – 12(Thu)

This symposium was organized in collaboration with HU and Kyoto University students who had previously attended the World Student Environment Summit (WSES). A total of 20 students from different countries, universities and areas of specialization considered food problems – the theme of the event – and discussed what can be done today to avoid passing such issues onto future generations.



A discussion in the workshop

► <http://sustain.oia.hokudai.ac.jp/sw/2013/wsen/>

Library Exhibition: Open Access and HUSCAP — Provision to the World, Passage to Future Generations

Oct.21(Mon)-Nov.4(Mon)

Widespread sharing of the latest research outcomes is important for the realization of a sustainable society. Via the medium of posters, this exhibition highlighted the significance and usage of the Hokkaido University Collection of Scholarly and Academic Papers (HUSCAP; a free resource in which academic papers detailing the outcomes of research conducted by HU researchers and students are published as part of the university's international contribution).



An example of the posters

► <http://sustain.oia.hokudai.ac.jp/sw/2013/lib/>

Nuclear Human Resource Development Project: 3rd International Seminar Series on Environmental Radioactivity – a Scientific Basis for Environmental Remediation in Fukushima

Nov.9(Sat)-10(Sun)

Students wishing to tackle a variety of radioactivity issues, including problems stemming from the accident at the Fukushima Daiichi Nuclear Power Plant, traveled to this seminar from across Japan. Attendees engaged in lively discussions with researchers about issues to be tackled in the future after gaining insights into recent research developments concerning environmental radioactivity in Europe, the U.S. and Japan.



Lecture

► <http://sustain.oia.hokudai.ac.jp/sw/2013/ray/>

Student Project: 4th Sustainable Campus Contest

Nov.10(Sun)

Every year, students eager to proactively address on-campus issues take part in this contest of ideas for sustainable campus development. In 2013, the Hokkaido University Cafe Project team received the Grand Prix Award for its proposal to repair a broken wooden deck adjacent to the Hokkaido University Museum and its work to highlight the value of the restored deck's usage.



Presentations

► <http://sustain.oia.hokudai.ac.jp/sw/2013/scsd/>

GiFT2013 – Global issues Forum for Tomorrow

Oct.26(Sat)

Six young HU researchers tackling major global issues each spoke for 12 minutes on their research achievements and prospects for resolving related issues. Their deliveries were relayed to young people around the world via the Internet. The 2013 forum, which was the third such event, consisted of two sessions – one on water issues and the other on problems faced by contemporary Japan. The event attracted approximately 100 audience members and live online viewers, and numerous questions were submitted via Twitter. The organizers plan to hold the GiFT event as part of the Sustainability Weeks event again in 2014.



Opening remarks from HU Executive and Vice-President Ichiro Ueda

GiFT website:

► <http://www.sustain.hokudai.ac.jp/gift/>



Marking the 3rd anniversary of GiFT



Expanding a Cooperative Network

Holding the first Sustainability Weeks "Overseas Satellite Program" to enhance transborder cooperation.

14 events

Oct.25(Fri)

Special Lecture: Striving to Achieve Sustainable Agriculture – Permaculture

Sustained harvesting of high-quality farm produce requires soil rich in microorganisms. Against such a background, HU and related French organizations worked closely to organize this seminar featuring a French soil expert in order to contribute to the development of Hokkaido – a region that thrives on agriculture. In addition to members of the public, students and researchers, numerous farmers from across Hokkaido attended the event and engaged in practical discussions with soil researchers.



Dr. Lydia Bourguignon is lecturing

► <http://sustain.oia.hokudai.ac.jp/sw/2013/france/>

Nov.5(Tue)

International Symposium on Environment and Energy: Toward a Sustainable Future – Low-carbon Society & Renewable Energy

This symposium on renewable energy sources featured researchers invited from Daejeon in Korea and Novosibirsk in Russia – both sister cities of Sapporo, where HU's main campus is located. Attendees gained insights into the current situations of renewable energy use in each country, and discussions on how to promote renewable energy usage were held among the heads of local government organizations, members of the general public and researchers.



Audience

► <http://sustain.oia.hokudai.ac.jp/sw/2013/low/>

Sep.24(Tue)

International Symposium: Establishment of Sustainability Science in Asia

This symposium on the future of sustainability science was held at China's Zhejiang University (an HU partner institution), and was attended by university representatives from China, Indonesia, Taiwan and Japan. Sustainability science is a new academic discipline intended to support the creation of sustainable societies. Attendees discussed ways to advance sustainability science in a manner that will help to address sustainability issues in each country.



Symposium was held in China

► <http://sustain.oia.hokudai.ac.jp/sw/2013/strass/>

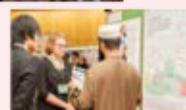
Dec.9(Mon)-10(Tue)

The 1st Hokkaido University Research Global Poster Contest

The 1st Hokkaido University Research Global Poster Contest was held with the participation of 11 HU students (chosen from a qualifying round involving 97 students) and 7 students from 5 overseas partner institutions. The event provided opportunities for students interested in sustainable society development to work together and learn from one another beyond nationalities and areas of specialization. The scale of the contest will be expanded in 2014.



Photo of award winners



Each poster presentation was examined by the judges

► <http://sustain.oia.hokudai.ac.jp/sw/2013/gpc/>

International Symposium on Sustainable Campus Creation 2013

Nov.6(Wed)



Photo of speakers

This event's theme was Sustainable Campus Creation in Collaboration with Local Communities. By showcasing pioneering examples of sustainable campus development and related plans in Tokyo, London, Turin and Amsterdam, the session provided ideas for work to build on the regional cooperation agreement concluded between HU and the City of Sapporo and for the formulation of more-concrete campus plans.

► <http://sustain.oia.hokudai.ac.jp/sw/jp/2013/sc2013/>

Sustainable Campus website

► <http://www.osc.hokudai.ac.jp/en>



Panel discussion

Quality of Life

Challenging to create a community whose members enjoy physical, mental, and social well-being as well as a high quality of life.

5 events



International Symposium: Excitable Cinema — The Critical Force of Women Film

Nov.4(Mon)

This symposium was held on the theme of women's films, which creatively pursue the expression of gender and sexuality. The day before the event, a film by a female director was shown in collaboration with the Clark Theater (an HU student theater project). At the symposium itself, the equality and diversity of gender and sexuality were discussed by female film researchers in Japan and elsewhere.



Dr. Patricia White is lecturing

► <http://sustain.oia.hokudai.ac.jp/sw/2013/gender/>

International Symposium: Towards a Safe and Sustainable Society — the Applicability of a Precautionary Perspective

Nov.5(Tue)

This event provided opportunities for experts and members of the public to jointly consider how the concept of the precautionary principle helps to realize a society based on a sense of security. Lecturers spoke primarily about exposure to environmental chemicals, such as those that cause Minamata disease, from the viewpoints of natural science, preventive medicine, public health and social science.



Panel discussion

► <http://sustain.oia.hokudai.ac.jp/sw/2013/cehs/>

Harmony with Nature

Pursuing balance with earth's natural systems so all living creatures & humans can coexist in harmony.

6 events



Symposium on Alien Species: Tackling Related Problems for Biodiversity Conservation

Nov.9(Sat)

Students organized this symposium to provide a platform for discussions on the influences of alien species in order to help maintain Hokkaido's rich natural environment. The event featured experts on mammals, plants, insects, amphibians, reptiles, fish and crustaceans. The attendees learned about current situations in the field and discussed countermeasures involving policy, technology and education.



The lecture of part-1

► <http://sustain.oia.hokudai.ac.jp/sw/2013/alien/>

Symposium: Research Center for Economic and Business Networks – Regional Revitalization via Enhanced Amenities of / for Tourist Areas from a Marketing Viewpoint

Nov.21(Thu)

At this symposium, several researchers and practitioners from Hokkaido and elsewhere were invited to enlighten attendees on ways to use this northern prefecture's natural environment as a tourist resource and spread the word on the region's appeal and amenities. Those present gained insights into successful marketing examples for tourism promotion. The large number of attendees (340) and the event's lively Q&A sessions showed high levels of interest in the theme.



Venue is so crowded

► <http://sustain.oia.hokudai.ac.jp/sw/2013/rebn/>

Hokkaido University – Finnish Universities Joint Symposium



Opening Session Oct.31(Thu)



A speech was made by the President of the University of Oulu

HU has promoted exchanges among researchers and students with the University of Oulu and the University of Lapland since the conclusion of Inter-university Exchange Agreements with these Finnish institutions. The Hokkaido University-Finnish Universities Joint Symposium, which was held at the University of Oulu in 2013, was held at HU in 2014. At the opening session, Ambassador of Finland to Japan Manu Virtamo and representatives from the University of Oulu, the University of Lapland, the University of the Arctic and other institutions congratulated the event organizers on their work and expressed expectations for future development.

► <http://sustain.oia.hokudai.ac.jp/sw/2013/finland/>

Workshop 1 International Symposium on How to Establish Sustainable Society and Risk Management in the Boreal Coastal Zone – Biodiversity and Sustainability of Ecosystem Service
► <http://sustain.oia.hokudai.ac.jp/sw/2013/northern/>

Workshop 2 Health in an ageing society with a declining fertility: For sustainable development
► <http://sustain.oia.hokudai.ac.jp/sw/2013/ageing/>

Workshop 3 Analytical approaches toward big data flood of genetic information
► <http://sustain.oia.hokudai.ac.jp/sw/2013/kagaku/>

List of Events

D A T E	T i t l e	O r g a n i z e r	C o - h o s t
Tuesday, Sept. 10 - Thursday, Sept.12	2nd Student Environmental Symposium on Sustainability in HU	Japan Student Network for Sustainability, WSES Alumni	
Tuesday, Sept. 24	International Symposium: Establishment of Sustainability Science in Asia	Center for Sustainability Science (CENSUS)	Zhejiang University, China
Sunday, Sept.29	Dangerous Not to Know the Existence of Your Sleep Bruxism and Snoring	Graduate School of Dental Medicine	
Thursday, Oct. 10	International Workshop on Peatland Management	Center for Sustainability Science (CENSUS)	
Thursday, Oct. 17	STAND UP TAKE ACTION in Hokudai	Hokkaido University Library / UN Depository Library	JCK Hokkaido Office, TICAD V Student Project Hokkaido Office
Saturday, Oct. 19	The 10th Presentation & Debate Competition	School of Economics and Business Administration	
Monday, Oct. 21 - Monday, Nov. 4	Exhibition: Open Access and HUSCAP	Hokkaido University Library	
Wednesday, Oct. 23	Hokkaido University X JICA: Japanese Volunteer for a Sustainable Society	JICA HOKKAIDO	Office of International Affairs
Friday, Oct. 25	Special Lecture: Striving to Achieve Sustainable Agriculture	SOCIÉTÉ FRANCO-JAPONAISE/ ALLIANCE FRANÇAISE DE SAPPORO	Research Faculty of Agriculture, Office of International Affairs
Saturday, Oct. 26	GiFT2013 -Global issues Forum for Tomorrow-	Hokkaido University	
Saturday, Oct. 26 - Sunday, Nov. 10	Ride and Think for Sustainability 2013 in Hokkaido Univ.	Faculty of Environmental Earth Science	Hokkaido Green Purchasing Network
Tuesday, Oct. 29	Sapporo Clock Tower Salon: Q&A with Members of the Research Faculty of Agriculture	Research Faculty of Agriculture	The Hokkaido Shimbun Press
Tuesday, Oct. 29	4th ESD International Symposium: Frontiers of International Collaborative Education	Faculty of Education	Seoul National University and Korean University; Korea, Beijing Normal University; China, Chulalongkorn University; Thailand
Wednesday, Oct. 30	Seminar on Global Career Building	Hokkaido University Library / UN Depository Library	Career Center, Office of International Affairs, Nitobe College
Wednesday, Oct. 30	Exhibition: What is Sustainability?	Hokkaido University Library, Library Student Supporter	
Thursday, Oct. 31 - Monday, Nov. 4	CLARK THEATER 2013	Hokkaido University Theater Project	
Thursday, Oct. 31	Analytical Approaches Toward Big Data Flood of Genetic Information	Graduate School of Information Science and Technology	Task Force for Research Strategy
Thursday, Oct. 31	Hokkaido University – Finnish Universities Joint Symposium: Opening Session	Hokkaido University, University of Oulu and University of Lapland; Finland	Finland Japan Center for Education
Friday, Nov. 1	International Symposium on How to Establish Sustainable Society and Risk Management in the Boreal Coastal-zone	Faculty of Environment Earth Science	Oulu University and Lapland University; Finland
Friday, Nov. 1	Health in an Ageing Society with a Declining Fertility	Graduate School of Medicine	Graduate School of Engineering
Friday, Nov. 1 - Sunday, Nov. 24	Exhibition on natural environment and glaciological research activities in Greenland	HTB, Institute of Low Temperature Science; Hokkaido University, Hokkaido University Museum	
Friday, Nov. 1	1st Symposium on Regional Collaborative Projects Conducted by Hokkaido University's Research Faculty of Agriculture: Prospects for Sustainable Rural Development based on Fieldwork	Research Faculty of Agriculture	Hokkaido Shimbun Press, Extension Networks for Food, Agriculture and Rural Development
Friday, Nov. 1	Invitation to Study Abroad Program: SD on Campus	Office of International Affairs	
Saturday, Nov. 2 - Monday, Nov. 4	Media Cultural Exchange Project in East Asia: Trans-bordering Media and East Asia	Center for East Asian Media Studies	
Sunday, Nov. 3	Public Program by the Faculty of Health Science: Welcome to the World of Health Science	Faculty of Health Science	
Monday, Nov. 4	International Symposium: Excitable Cinema — The Critical Force of Women Film	Center for Applied Ethics and Philosophy, Graduate School of Letters	
Tuesday, Nov. 5 - Thursday, Nov. 7	The 5th Hokkaido University Sustainability Research Poster Contest	Hokkaido University	
Tuesday, Nov. 5	International Symposium on Environment and Energy: Toward a Sustainable Future – Low-carbon Society & Renewable Energy	Sustainable Low-Carbon Society Project	Hokkaido Regional Environment Office; Ministry of the Environment, Sapporo City Government, Renewable Energy Organization of Hokkaido, Greener Work Consortium
Tuesday, Nov. 5	Japan-Russia International Research Symposium: Mysteries of the Russian Far East	Japan-Russia International Research Symposium Committee	International Science and Technology Center
Tuesday, Nov. 5	International Symposium: Towards a Safe and Sustainable Society	Center for Environmental and Health Sciences	Graduate School of Medicine, Faculty of Health Sciences, Faculty of Education, Faculty of Media and Communication
Wednesday, Nov. 6	HURNAC Symposium: From Hokkaido to Africa – an Interdisciplinary Network of African Researchers	Hokkaido University Research Network with African Countries (HURNAC)	
Wednesday, Nov. 6	International Symposium on Sustainable Campus Creation 2013	Office for Sustainable Campus, Facilities department	
Thursday, Nov. 7	6th Annual Meeting of the Japan Ceramide Society	Japan Ceramide Society	Sapporo Health Innovation "Smart-H"
Thursday, Nov. 7	Business-Academia-Government Collaboration Seminar: Developments of Geo-spatial Information and Future World V— Impact of BIG DATA	Graduate School of Letters	GIS Association of Japan Hokkaido Regional Office, Hokkaido GIS/GIS Society, Non-profit Organization "Digital Hokkaido"
Saturday, Nov. 9 - Sunday, Nov. 10	3rd International Seminar Series on Environmental Radioactivity – a Scientific Basis for Environmental Remediation in Fukushima	Office of Human Resource Development Project for Environmental Radioactivity, Faculty of Engineering	
Saturday, Nov. 9	Symposium on Alien Species: Tackling Related Problems for Biodiversity Conservation	Graduate School of Letters	
Sunday, Nov. 10	Student Project: 4th Sustainable Campus Contest	SCSD (The Student Council for Sustainable Development in Hokkaido University)	Office for a Sustainable Campus
Friday, Nov. 15 - Sunday, Nov. 17	Indigenous Heritage and Tourism: Succession and Creation of Living Heritage	Center for Ainu & Indigenous Studies	Center for Advanced Tourism Studies and Biratori Town
Thursday, Nov. 21	REBN Symposium: Regional Revitalization via Enhanced Amenities of/ for Tourist Areas from a Marketing Viewpoint	Research Center for Economic and Business Networks, Graduate School of Economics and Business Administration	The Japan Academic Society of Direct Marketing
Monday, Dec. 9 - Tuesday, Dec. 10	The 1st Hokkaido University Research Global Poster Contest	Hokkaido University	

Sustainability Weeks 2013

Learning for a Sustainable Society

A gathering of people from around the world at 40 events on shaping the future.

D A T A

The 7th Sustainability Weeks

November 10 – December 10, 2013

Number of events **40**

Hokkaido University Sustainability Research Poster Contest

Number of participants **81 (73 teams)**

3 undergraduate students, 29 students in master's degree programs and 49 students in doctoral degree programs.

(Number of undergrad. & grad. schools: 10)

Number of judges: 164

Hokkaido University Research Global Poster Contest

Number of participants **18**

11 students from HU and 7 students from overseas partner institutions

Number of judges: 37

4 special outstanding presentation awards, 1 outstanding presentation award and 3 special awards

Number of website visitors

28,822

(April 1 – December 31, 2013)

Number of participants

59,742

24529 to Hokkaido University library, 17229 to Hokkaido University north library's exhibition, 11712 to Hokkaido University museum's exhibition and 6272 to the other 35 events.

Number of events jointly held with partner institutions **4**

Finland

University of Lapland
University of Oulu

Korea

Korea University
Seoul National University

China

Zhejiang University
Beijing Normal University

Thailand

Chulalongkorn University

Number of participants from partner institutions **76** (20 institutions in 11 countries)

- **Canada:** University of British Columbia
 - **China:** National Cheng Kung University
 - **Indonesia:** University of Palangka Raya, Gadjah Mada University
 - **Italy:** Politecnico di Torino
 - **Norway:** Universitetet i Bergen
 - **Russia:** Academy of Sciences, North-Eastern Federal University
 - **Sri Lanka:** University of Peradeniya
 - **Switzerland:** University of Geneva
 - **Thailand:** Mahidol University
 - **USA:** The University of Alaska, The University of Texas
- (+Plus 7 institutions mentioned above)

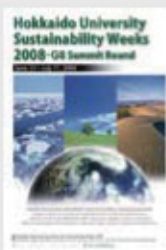
History of the Sustainability Weeks

▼ 2007



HU launched the Sustainability Weeks program as a campus-wide campaign to promote research and education toward a sustainable society. Over 800 people attended six events, including public lectures and symposia.

▼ 2008



HU hosted the G8 University Summit to coincide with the G8 Hokkaido Toyako Summit, and was instrumental in the adoption of the Sapporo Sustainability Declaration (SSD). The SW 2008 program featured a total of 50 events, including a special lecture meeting with United Nations Secretary-General Ban Ki-moon.

▼ 2009



HU hosted the first Sustainability Research Poster Contest as a globally unique event bringing together researchers from different fields for mutual discussion. The SW 2009 program was adapted to provide more opportunities for active student participation.

▼ 2010



In a departure from the previous focus on natural science topics, the SW 2010 program highlighted humanity with more events aimed at helping to create a society offering quality of life and human dignity for all. The program was attended by more than 10,000 people from Japan and elsewhere.

▼ 2011



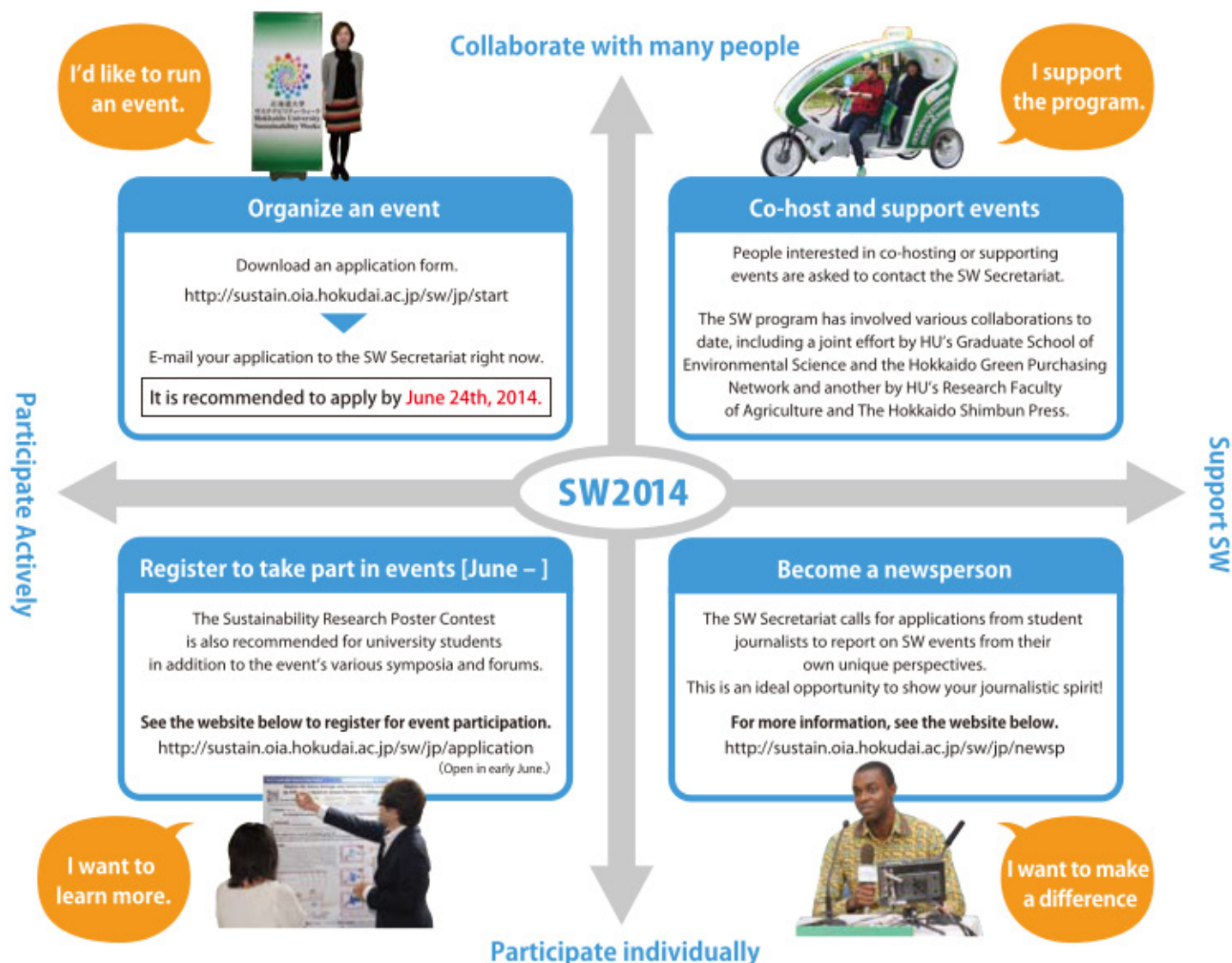
In the wake of the Great East Japan Earthquake of March 11, 2011, and the resultant nuclear power plant accident in Fukushima, the SW 2011 program featured sessions to promote the reconsideration of visions for a sustainable future. At the event, HU launched GIFT as an internet forum to convey information on the university's latest related research activities.

▼ 2012



HU launched the official SW logo with a design based on the concept of the sustainable march of the times. As part of related efforts, the university actively promoted new internet events such as GIFT and the Students Forum for a Sustainable Future so that more people could contribute to its endeavors.

Here are various ways you can participate in the SW 2014 program.



✉ **sw1@oia.hokudai.ac.jp**

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Sustainability Weeks SITE
<http://sustain.oia.hokudai.ac.jp/sw/>



This comprehensive SW website provides all sorts of information on the program, including the latest on events and details of past sessions.

HUISD PORTAL SITE
<http://sustain.oia.hokudai.ac.jp/huisd/>



This web portal provides access to information on sustainability-related activities by members of the HU community.

Access to more information on sustainability!

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