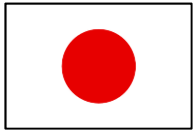




HOKKAIDO
UNIVERSITY



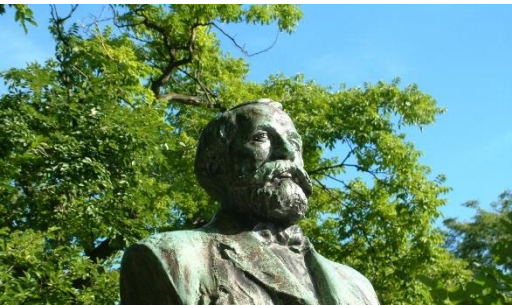
International activities of Hokkaido University

Session3: Regional Development

Toyoharu NAWA

President, Hokkaido University

May 20, 2018



Overview of Hokkaido University



Prestige

- Established in 1876 as Sapporo Agricultural College
- One of the 13 Top Global University Projects by the Ministry of Education, Culture, Sports, Science and Technology
- Organizer of the project "Human Resource Development Platform for Japan-Russia Economic Cooperation and Personnel Exchange"



World class research

- Research-intensive university with 22 research institutes.
- Member of RU11, the 11 major research universities in Japan.
- Emeritus Professor Akira Suzuki received the Nobel Prize in Chemistry

Data

Total Students: 18,000

(12,000 undergraduates and 6,000 graduates)

Total Staff: 4,000

(2,000 academic staff, 1,000 technical staff, 1,000 administrative staff)

8 university-wide MOUs and 41 department-wide MOUs with Russian academic institutions.



World class education

- 12 faculties and 21 graduate schools cover almost all areas
- Overall highest satisfaction ratings of all Japanese universities (according to Nikkei Paper Survey)

Hokkaido University's Internationalization Strategy

Contributing towards the resolution of global issues



Fostering leaders contributing to the resolution of global issues through the transformation of Hokkaido University into an initiator of collaborations with the world.

Examples of research disciplines in which Hokkaido University excels



- Japan's only research institute specializing in natural science in the cryosphere
- Japan's largest number of researchers who participate in national research projects on the Arctic Circle
- Japan's only and the world's leading Slavic-Eurasian Research Center
- Published journals that lead research in the world.



Increase of international exchanges in disciplines in which the university excels

Summer Institute

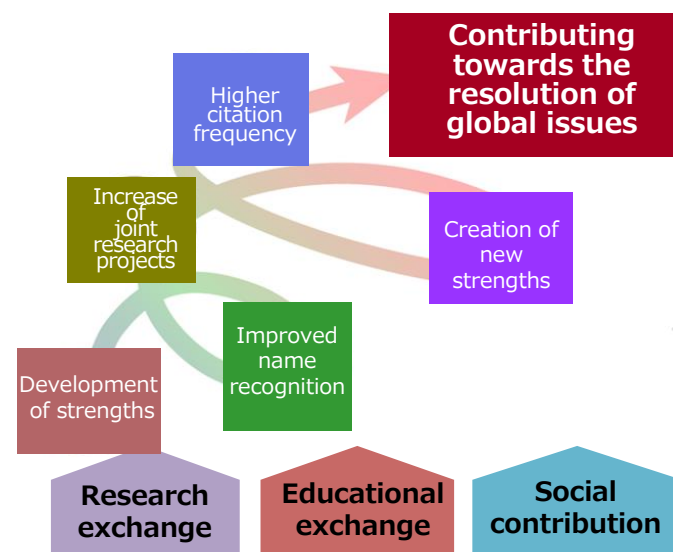
Inviting 100 top researchers from around the world every year

Learning Satellite

Course provided at 60 locations around the world every year by Hokkaido University faculty members to resolve local issues

These two types of efforts accelerate cross-disciplinary, industry-university and international collaborations.

Practical solutions of issues through research, education and social contribution





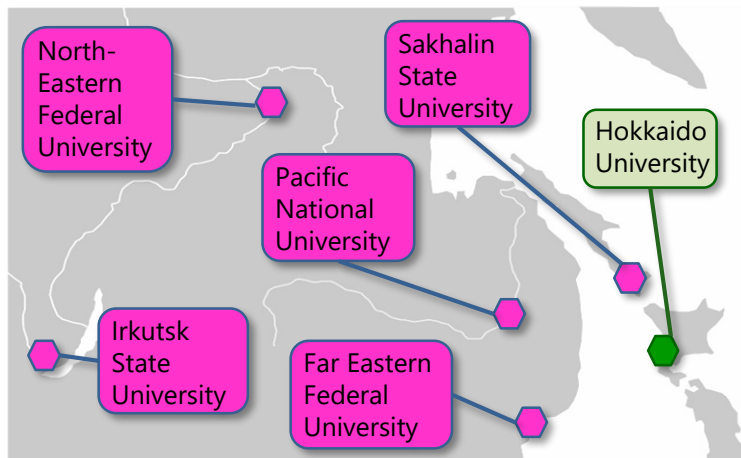
Purpose

To **produce experts** who can play **leading roles** in sustainable development in the Far East and the Arctic Circle

5 major issues

- Environmental Assessment
- Cultural Diversity
- Soil and Productivity
- Regional Resource Development
- Disaster Prevention Management

5 Russian partner universities



Practical training

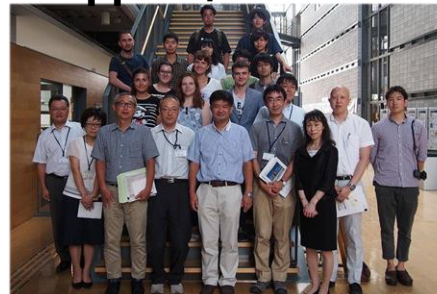
Environment Observation Training

Yakutsk in Russia



Cold Region Development Technology Training

Sapporo, Hokkaido



International archaeological field school

Rebun Island, Hokkaido



Conservation Ecology Fieldwork for Humanities

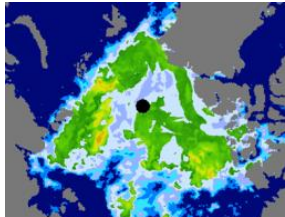
Sapporo and Shiretoko



Research Activities of Arctic Research Center

Contribute to Sustainable Use and Conservation of the Arctic Region

Sustainable Use of the Northern Sea Route



- Remote sensing of sea ice & ship track
- Feasible navigation in icy waters
- Assessing social, environmental, and economic risks.
- Assessing feasible business scenarios
- Visualization of research results

Sustainability of Society & Ecosystem under the Rapidly Changing Environment

- Interaction between Vegetation & Permafrost
- Analysis of Social-Ecosystem Interaction
- Belmont Forum CRA (Collaborative Research Action)
“Carbon Budget of Ecosystems and Cities & Villages on Permafrost in Eastern Russian Arctic”



Japan-Russia Joint Research Lab.

- Free rent research space & infrastructure each other
- Collect academic data & information on Academic-Industry Collaboration
- Arrange summer & winter course in Yakutsk
- Currently one (with FEFU) is established & another (with NArFU) is under constructing



Большое спасибо!

**We really look forward to promoting
further international collaborations
with Russian institutions.**

