



HOKKAIDO UNIVERSITY

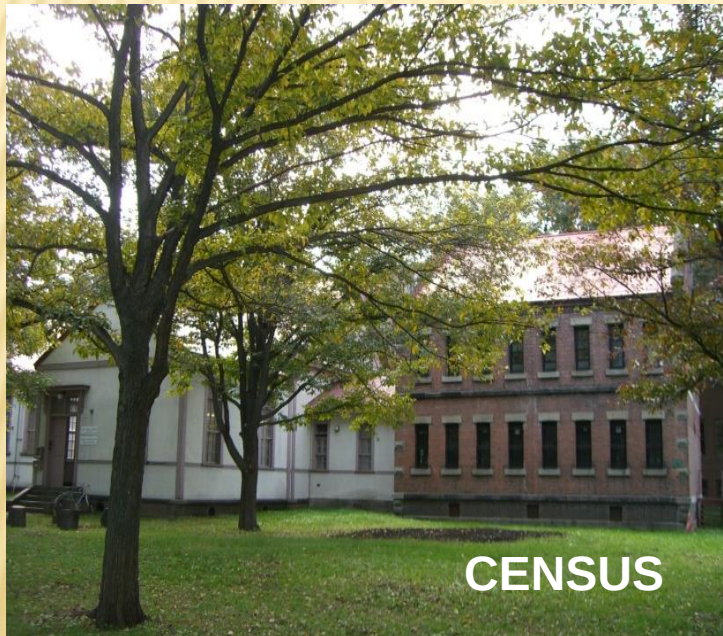
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INTRODUCTION OF STRASS IN CENSUS , HOKKAIDO UNIVERSITY



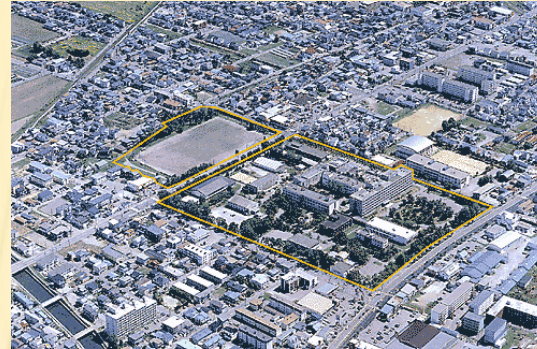
Noriyuki Tanaka,
Professor/Vice Director of CENSUS/Graduate School of Environmental
Science



HOKKAIDO UNIVERSITY CAMPUS



Sapporo Campus



Hakodate Campus



R/T/V "Oshoro" Maru



R/V "Ushio" Maru

Total campus: 66000ha
(excluding field area:117
ha)

Sapporo campus
Hakodate campus

4 Experimental forests
in Hokkaido and Honshu

2 Experimental farms

1 Experimental orchard

2 Research and training
vessels

3 Field stations

HOKKAIDO UNIVERSITY VITAL STATISTICS

- ✕ Established in 1876
- ✕ Sapporo and Hakodate campuses
- ✕ 19 Graduate Sch. & 26 Research Centers
- ✕ Under grad. 11712(2011AD)
- ✕ Grad. 6468(2011AD)
- ✕ Academic Staff 3917 (2011AD)

Sapporo campus in winter

BEGINNING OF SUSTAINABILITY RESEARCH AND EDUCATION IN JAPAN

- ✖ 2002 Japanese National Academy of Science established Sustainability Science committee
- ✖ 2005 Japanese University Alliance established IR3S (TU, KU, OU, HU and Ibaraki U +6 corporative institutions)
 - ✖ 2006 HU established Sustainability Governance Project and Strategic Office for internationalization for sustainable development.
 - ✖ 2010 HU established “Sustainable Campus” office

FIRST G8 UNIVERSITY SUMMIT (2008.6-7 SAPPORO)



Sapporo Sustainability
Declaration (SSD)



SAPPORO SUSTAINABILITY DECLARATION

I Common perspectives

- Importance of global sustainability and university role in 21st century
- Necessity of Networks of Network (NNS) and knowledge Innovation (KI)
- University campus as experimental social model for sustainable society (Living Laboratory)

II Commitment

- **Creating new role of Universities to achieve sustainable world**

III Requests to G8 countries

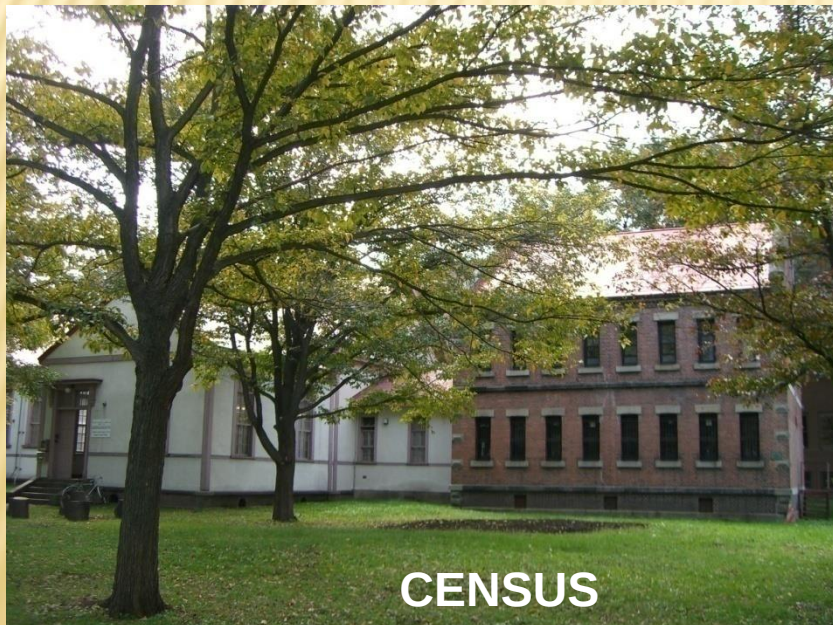
- Support Universities for achieving sustainability
- Implementation of policy with sound science
- Taking leadership to prevent Global Warming
- Taking holistic approach for solving intertwining environmental issues

HOKKAIDO UNIVERSITY ACTIONS

- Training sustainability professionals
 - Establishment of Center for Sustainability Science (CENSUS) for strengthening inter-university collaboration on sustainability
- Sustainability week events in each year since 2008
 - Whole University activities organized by Office of International Affairs 
- Sustainability network
 - ProsPER. NET, AUA, etc.
- Sustainable Campus Initiatives
 - Establishing Headquarters for sustainability Campus

CENTER FOR SUSTAINABILITY SCIENCE, HOKKAIDO

**Toward establishing foundation for education
and research for (Sustainable Earth)
Sustainability Science
(established since 2009)**



CENTER FOR SUSTAINABILITY SCIENCE(CENSUS)

Education programs (Undergraduate and Graduate)

- HUIGS program, Undergraduate program for sustainability
- Open to all undergraduate and graduate students of HU and other alliance universities and issue CERTIFICATE upon completion
- StraSS Program, Internationally collaborating training program for new sustainability Leaders and Meisters

Research program: SATREPS

1) International research project for rehabilitating Central Kalimantan forest and REDD+ (Prof. Osaki)

- Forest fire detection and preventing fires
- Redd+ implementation and carbon management

2) Improving Sustainable Water and Sanitation Systems in Sahel Region in Africa: Case of **Burkina Faso** (Prof. Funamizu)



STRASS OBJECTIVES

- ✘ Training practitioners for achieving sustainable world as Sustainability Leaders
- ✘ Educating and training “Sustainability Meisters”, who are educators and trainers for “Sustainability Leaders” as well as practitioners for achieving sustainable world

CERTIFICATION COURSE PRESENTED BY CENTER FOR SUSTAINABILITY SCIENCE (CENSUS)

Master &
PhD Students

Start

Hop

Step

Jump

- 1) Bird-eye View
- 2) Your Specialty
- 3) Ability to connect various value

**For Master & PhD
HUIGS Diploma
4 courses 8 credits**

- 1) Leadership skill
- 2) Understanding on Asian/African area
- 3) Ethical Mind
- 4) Knowledge about Policy

**For Master & PhD
StraSS Leader Certification
7 courses 12 credits**

- 1) Expert Knowledge
- 2) Experience of Community Support
- 3) Skill to train StraSS Leaders

**For PhD
StraSS Meister
Certification**

**Meister Training &
TA/RA Experience**

※本コースの大半の講義は英語で提供されます。

詳細はこちらまで。

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REMOTE CLASS ROOMS FOR SUSTAINABILITY SCIENCE AT HOKKAIDO UNIV.

HU Sapporo campus



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HU Hakodate campus



Polycom HDX

Internet world
connection



IR3S Universities, Japan

NCKU University, Taiwan

UNPAR, Indonesia

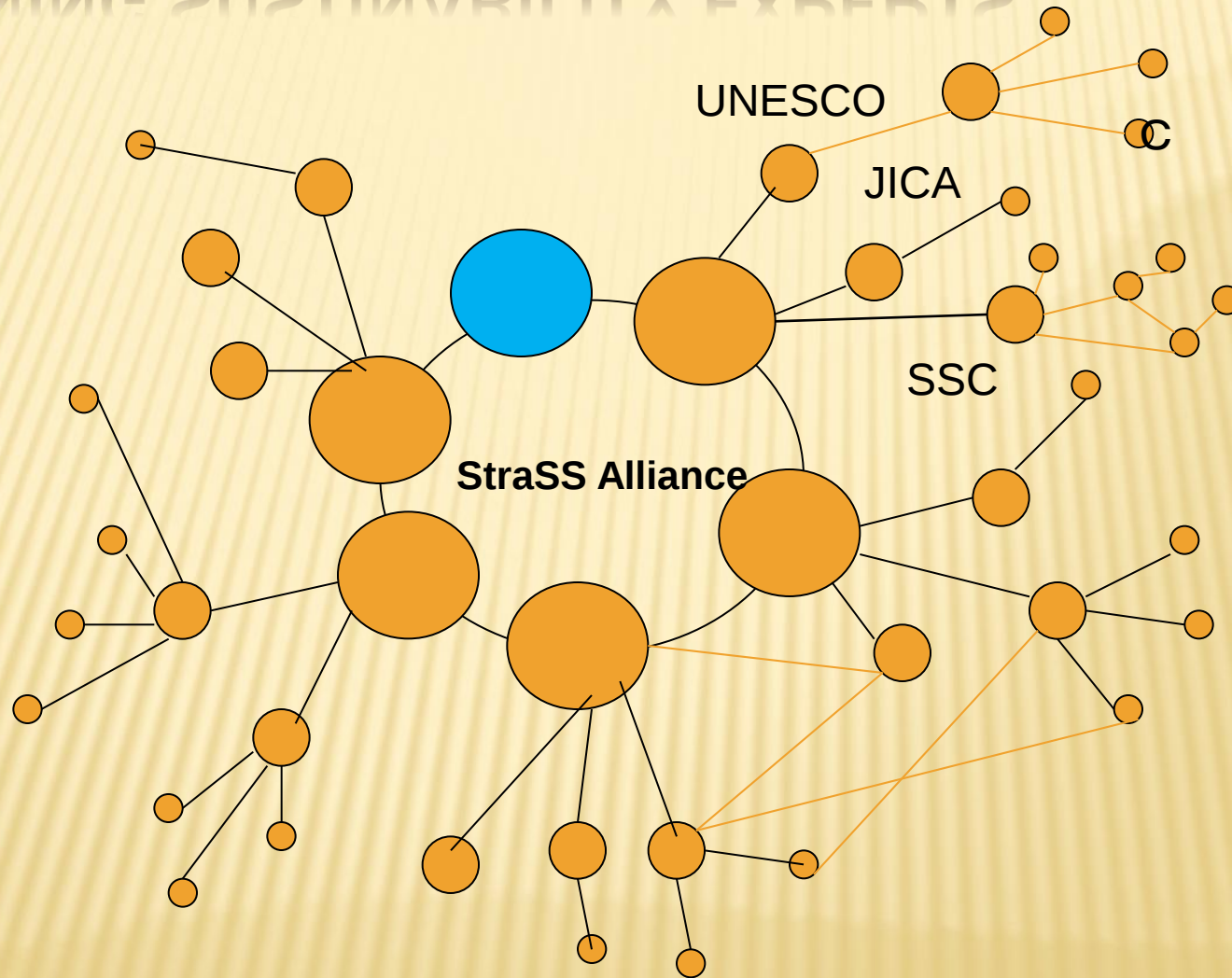
2iE Burkina Faso, Africa

Zhejiang Univ. China

UGM

Multi-universities education curriculum
Is planned for this program in various levels

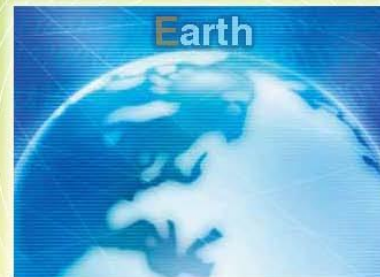
MAKING NETWORK OF NETWORKS(NNS) FOR TRAINING SUSTINABILITY EXPERTS



BOOK ABOUT THIS STRASS PROGRAM

Challenges and opportunities in sustainability education at Hokkaido University

Toward fostering novel professionalism in
higher education



Special coordinated training program for
Sustainability Leaders and Sustainability "Masters"



Main text

**BY FORMING GLOBAL CAMPUS FOR
SUSTAINABILITY PROFESSIONALS'
EDUCATION,
LET'S MAKE
SUSTAINABLE WORLD
WE WANT!!**

Merci pour votre plaisir

MERCI POUR VOTRE PLAISIR!!!



SOME VIDEOS TO BE SHOWN IF POSSIBLE



StaSS promotion video



Ethics



SSI and SSII subjects



Leadership



Public policy



ECOSUS promotion video



CLR class

We believe that subjects in red should be developed in each institutions