

# Tohoku University's Global Initiative and Collaborations with Indonesia

November 5<sup>th</sup> 2015

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Executive Vice President **Toshiya Ueki**

# Sendai, home of Tohoku University

Tohoku University is located in Sendai, the largest city in the Tohoku region, a well-known “Academic City”.

## [City of Sendai]

**Population**      **1,074,495人**  
As of May 2015

**By bullet train**      **350 km**  
**from Tokyo**      **1.31 h**

**By local train**      **17 km**  
**from Sendai Airport**      **20 min**



# Mission Statement



■ Research-First



■ Open-Doors



■ Practice-Oriented  
Research and Education

東北大学

# 10 Faculties / 16 Graduate Schools

## 3 Professional Graduate Schools / 6 Research Institutes

Faculties
Arts and Letters
Education
Law
Economics
Science
Medicine
Dentistry
Pharmaceutical Sciences
Engineering
Agriculture

Graduate Schools
Arts and Letters
Education
Law
Economics and Management
Science
Medicine
Dentistry
Pharmaceutical Sciences
Engineering
Agricultural Science
International Cultural Studies
Information Sciences
Life Sciences
Environmental Studies
Biomedical Engineering
Educational Informatics Research Division, Education Division

Professional Graduate Schools
Law School
School of Public Policy
Accounting School

Research Institutes
Institute for Materials Research
Institute of Development, Aging and Cancer
Institute of Fluid Science
Research Institute of Electrical Communication
Institute of Multidisciplinary Research for Advanced Materials
International Research Institute of Disaster Science

■ Total Number of Students ■

**18,460**

(as of May 1, 2015)

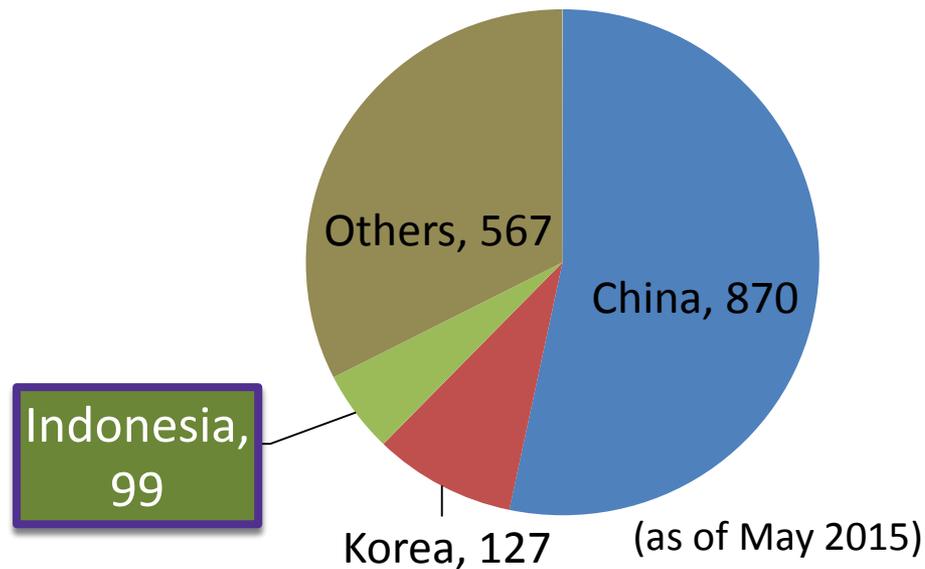
■ Total Number of International Students ■

**1,663**

(as of May 1, 2015)

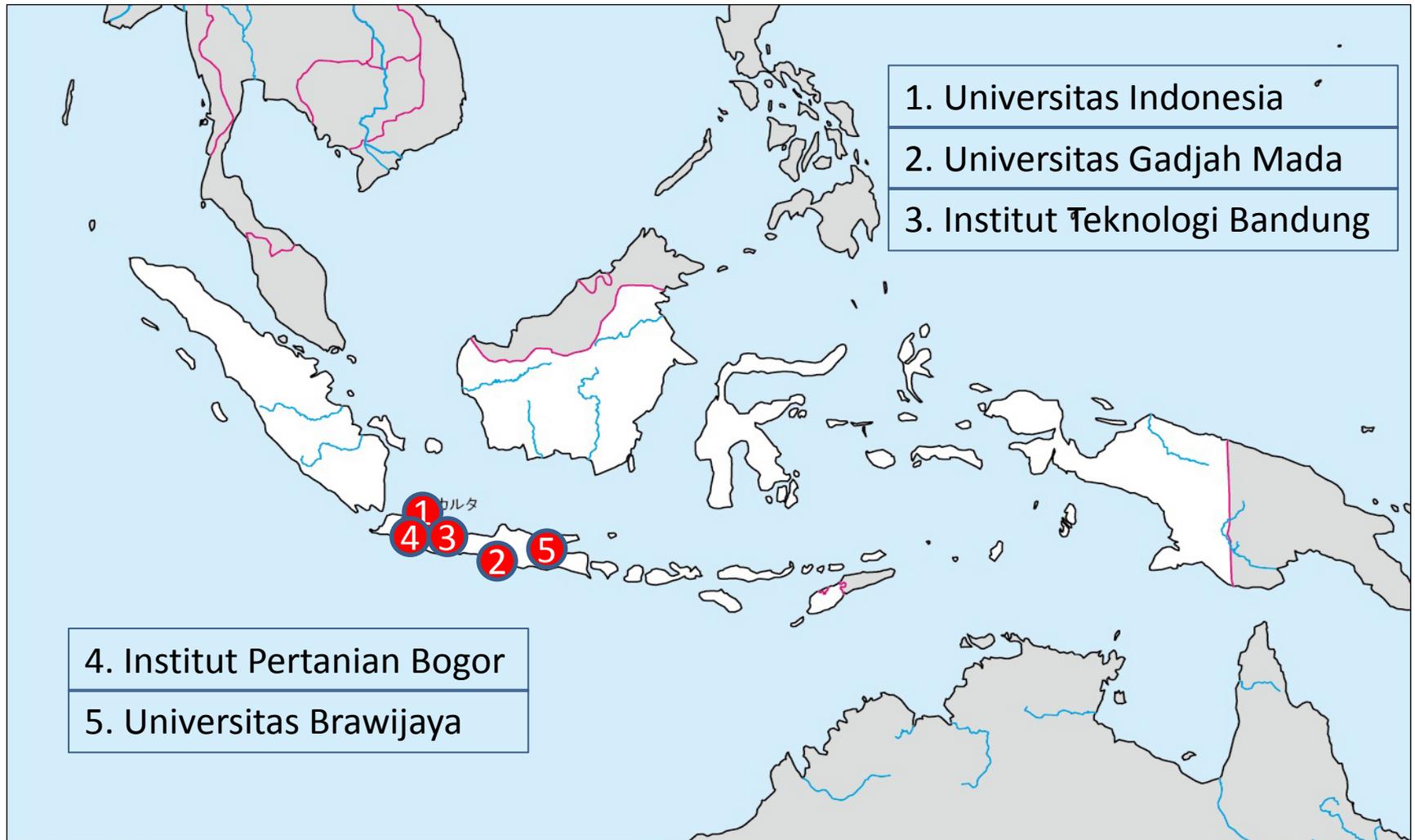
# Number of Indonesian students at Tohoku University

Year	Indonesian Students	Percentage
<b>2011</b>	57 (of 1,498 total)	3.8%
<b>2012</b>	57 (of 1,431 total)	4.0%
<b>2013</b>	76 (of 1,436 total)	5.3%
<b>2014</b>	80 (of 1,532 total)	5.2%
<b>2015</b>	99 (of 1,663 total)	5.9%



# Academic partners with Indonesian Universities

(university-level agreements)



# Collaborations with Indonesian Partners

## Tohoku University Day at Institut Teknologi Bandung (ITB)

In March 2010, with the cooperation of ITB, we held “Tohoku University Day”, an exhibition of our cutting- edge research activities and distinctive education programs, with the aim of encouraging talented students and researchers to study at our university.

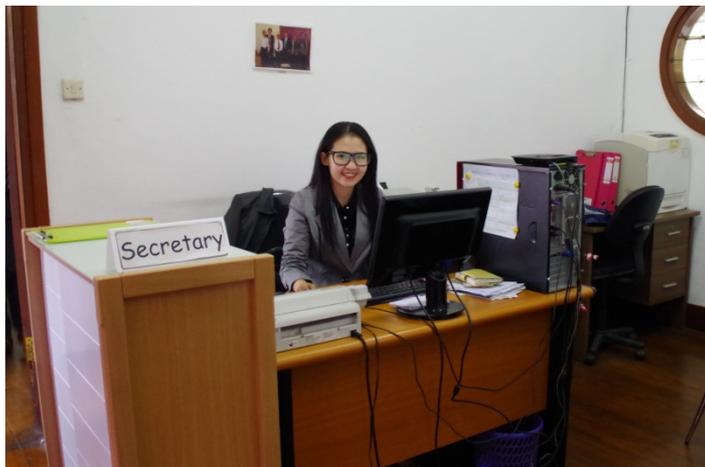
The event attracted over 300 participants.



↑TU Indonesian alumni meeting was held in conjunction with the TU day

# Collaborations with Indonesian Partners

## Liaison Office in Institut Teknologi Bandung



### <activities>

1. To operate the “International Environmental Leadership Program”
2. Support international academic exchange between Tohoku University and local universities
3. Build a network with local academic collaborators
4. Recruit excellent students
5. Plan International seminars
6. Build a network of Indonesian Tohoku University graduates
7. Give Japanese language courses (basic grammar and conversation) to those who want to study in Japan
8. Consultation with students who want to study in Japan, particularly in Tohoku University.

# Collaborations with Indonesian Partners

## Study Abroad Program (SAP)

- 3 to 4 weeks short stay program for Tohoku University students jointly created by partner universities
- Subjects based on the host university's specialties
- Project work with local students
- Scholarship funded by Japan Student Services Organization (JASSO)
- In 2014, the program included two universities in Indonesia.
  - \* **Gadjah Mada University**  
(Social contribution by environmental preservation)
  - \* **University of Indonesia**  
(Indonesian culture and business)



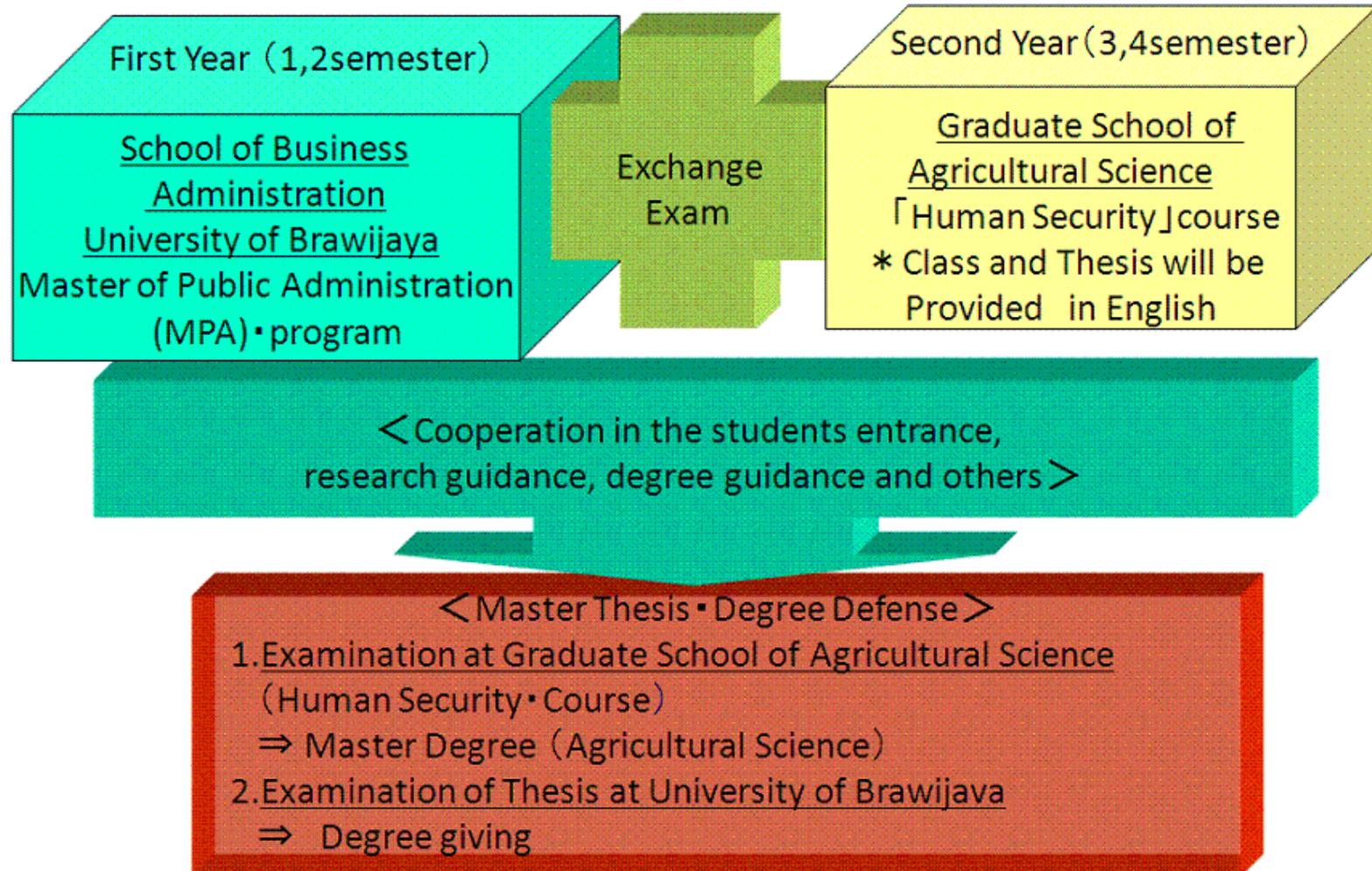
Field work with Gadjah Mada students



Project work with University of Indonesia students

# Collaborations with Indonesian Partners

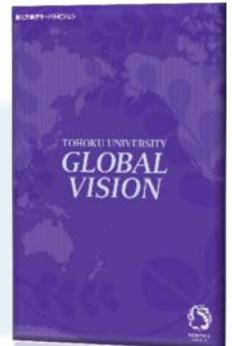
## The Linkage Program with University of Brawijaya



# Tohoku University's Vision for the Future

## Tohoku University Global Vision

The university as a fellowship of knowledge,  
open to the world, where people gather, learn, and create



### Education

Global 30



Development of  
Globally-minded  
Human Resources



Multicultural Campus  
Environment



Reform our Approach  
to Education and  
Research



### Research

Increasing our  
Research Capabilities



Supporting Female  
and Young  
Researchers



## Tohoku University's Global Initiative

This Initiative was founded by MEXT, the Top Global University Project Type A

# Seven International Joint Graduate Programs

Four Fields Aiming to Enter  
the World's Top Ten Ranking

Spintronics

Materials Science

Cosmological Physics

Earth Science

Challenging Three New  
Academic Disciplines

Data Science

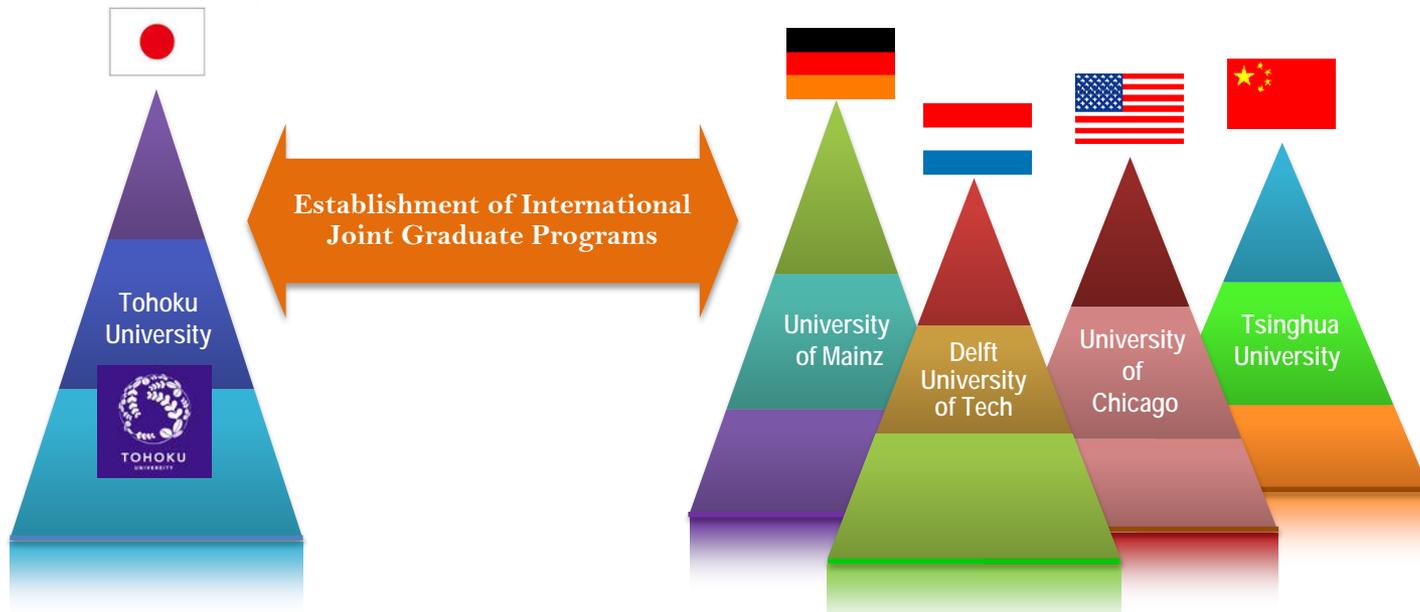
Life Sciences

Disaster Reduction /  
Safety Science

# International Joint Graduate Programs

- Utilizing Tohoku University's strengths to make contributions to fields that will be important to human society in the future.
- Gather the knowledge of Tohoku University's different departments to overcome the boundaries between disciplines and establish strong collaboration in research and education with leading overseas universities.

( In the field of Spintronics )



Collaboration with leading researchers in the Spintronics fields

*Thank you for your attention*

