Activity Report

APRU – AEARU Multi – Hazards Summer School 2019

I. Date  
July 22 – 25, 2019

II. Venue  
International Research Institute of Disaster Science (IRIDeS),  
Tohoku University, Sendai, Japan

III. Participants  
58 students and faculty members from 26 universities  
17 students from 9 AEARU Member Universities  
- Fudan University (1)  
- Kyoto University (1)  
- National Taiwan University (1) *Besides 1 Post-doc and 1 Professor  
- Osaka University (2)  
- Seoul National University (2)  
- The Hong Kong University of Science & Technology (3)  
- The University of Tokyo (2)  
- Tokyo Institute of Technology (2)  
- University of Science and Technology of China (USTC) (3)

IV. Program
Day 1: Seminar 1. Lessons learnt from the 2011 Great East Japan Earthquake and Tsunami  
08:30-08:45  
Registration
09:00-9:15  
Opening  
Welcome address by President Hideo Ohno (Tohoku University) .
09:15-09:25  
Group photo
09:25-09:55  
Introduction to IRIDeS by Prof. Kiyoshi Itoh (IRIDeS)
09:55-10:30  
Movie [Great Tsunami]
10:30-10:50  
Coffee break
10:50-11:50  
Presentation by Prof. Takako Izumi (IRIDeS)
11:50-13:00  
Lunch
13:00-14:00  
Presentation by Prof. Osamu Murao (IRIDeS)
14:00-15:00  Presentation by Prof. Elizabeth Maly (IRIDeS)
15:00-15:15  Coffee break
15:15-16:15  Presentation by Prof. Shinichi Egawa (IRIDeS)
18:30-  Reception

Day 2: Seminar 2.  Role of different stakeholders: Academia, Local government and NGOs
09:00-09:20  Presentation by Ms. Tina Lin (APRU Secretariat)
09:20-09:30  Presentation by Prof. Takako Izumi (IRIDeS/APRU Multi-Hazards Program)
09:30-10:45  Presentation by Mr. Takumi Fujimura (Tagajo City)
10:45-11:00  Coffee break
11:00-12:00  Presentation by Mr. Goh Igarashi (AAR Japan)
12:00-13:00  Lunch
13:00-14:00  Presentation by Mr. Kiyoshi Araake (Koya Elementary School)
14:00-16:00  Group work: Learning from each other (Poster presentation)
16:00-17:00  Group presentation

Day 3: Field trip: Arahama Elementary School, Onagawa

Day 4: Seminar and Group work
09:00-10:00  Presentation by Prof. John Rundle (University of California Davis)
10:00-11:00  Presentation by Prof. Kuniyoshi Takeuchi
11:00-11:15  Coffee break
11:15-12:15  Presentation by Prof. Hung-Chi Kuo (National Taiwan University)
12:15-13:15  Lunch
13:15-14:15  Presentation by Dr Riyanti Djalante (UNU)
14:15-15:45  Group work
15:45-16:00  Coffee break
16:00-17:00  Group presentation
17:00-17:15  Closing
V. Report

Tohoku University's International Research Institute of Disaster Science (IRIDeS) hosted the APRU - AEARU Multi-Hazards Summer School from July 22 – 25.

The summer school presents lessons learned from the 2011 Great East Japan Earthquake and Tsunami, and provides a platform for participants to discuss various disaster risk reduction (DRR) ideas and projects that have since been implemented.

In his welcome speech, Tohoku University President Hideo Ohno highlighted the role that the university has played in the recovery of the region and explained why that continues to be important.

"We were, for some time after the earthquake and tsunami, on the receiving end of much support and kindness. We were helped by local, national and international communities, and we are grateful to all of you," he said, adding that one of the reasons IRIDeS was established was so that experience and knowledge gained from interdisciplinary research can be shared globally in return. "By sharing knowledge in the form of disaster science, we aim to create more disaster-resilient societies around the world."

The first day of lectures touched on broad subjects such as the current research work at IRIDeS and updates on the Sendai Framework for Disaster Risk Reduction. In preparation for the field trip, the second day featured sessions with a number of stakeholders such as local governments, academics and non-governmental organizations directly involved in the region's recovery efforts.

The field trip itself included a visit to the ruins of Arahama Elementary School and a walk around Onagawa Town. Participants also learned about the Tohoku Ecosystem-Associated Marine Science (TEAMS) project, a decade-long effort to monitor and restore marine life in the area through scientific research.
On the final day, participants were divided into groups and tasked with developing a DRR project proposal that included perspectives from both the natural and social sciences. This was an opportunity to bring together opinions and expertise from different countries, cultures and academic disciplines.
VI. Financial Statement

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<th>(USD)</th>
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<tbody>
<tr>
<td><strong>Revenue</strong></td>
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</tr>
<tr>
<td>AEARU Sponsorship</td>
<td>10,000</td>
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<tr>
<td>Tohoku University</td>
<td>11,112</td>
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<tr>
<td><strong>Total Revenue</strong></td>
<td><strong>21,112</strong></td>
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<tr>
<td><strong>Expenses</strong></td>
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<td>Accommodation for the participants from the AEARU member universities</td>
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<td>Field trip</td>
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<td>Venue</td>
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<td>Printings</td>
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<td>Welcome Reception</td>
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<td>Daily catering</td>
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<td>Staff</td>
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<td>Miscellaneous</td>
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<td><strong>Total Expenses</strong></td>
<td><strong>21,112</strong></td>
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<tr>
<td><strong>Balance</strong></td>
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</tbody>
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* Funds from the AEARU were applied to costs for accommodation, the welcome reception, daily caterings, and the field trip for the participants from the AEARU member universities.