



# SATREPS NEWSLETTER



## Project for Development of a Comprehensive Disaster Resilience System and Collaboration Platform in Myanmar

Vol.3: December 2016 —April 2017

### NEWS

#### 1. ICSE 2017

Project members of both YTU and Japan side submitted 7 papers to 7th International Conference on Science and Engineering (ICSE) 2017 which was held on 10-11 December 2016 at YTU.

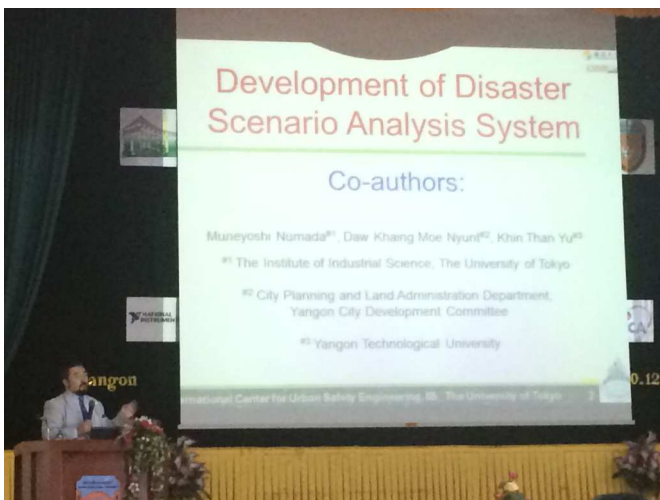
Paper titles were as follows;

1. Report of monitoring result of main tower inclination of Twantay Bridge in Myanmar
2. Development of geospatial platform (G-Space) for disaster resilience system in Myanmar
3. 3D Structure-from-motion data acquisition and processing for Twan Tay Bridge inclination assessment
4. Tentative Building Vulnerability Assessment of Yangon
5. Inclusive flood disaster risk reduction in the Bago River basin
6. The relationship between flood and poverty: The case study in Myanmar
7. Development of disaster scenario analysis system



Prof. Khin Than Yu, Pro-Rector of YTU corresponding to media coverage. (Dec.)

Prof. Kimiro Meguro, Representative of Japanese experts made a presentation as a Key Note Speaker at ICSE 2017. The project exhibited a project introduction booth at ICSE and contributed to publicity of the project.



Key Note Speech by Prof. Meguro at ICSE (Dec. )



Mr. Genki Kawamura, main author of "The relationship between flood and poverty", was awarded for excellent paper presentation at ICSE. (Dec.)

## ACTIVITIES

### 1) Myanmar-Japan Joint Student Seminar

The Project has started to conduct Myanmar-Japan Joint Student Seminar bi-monthly at Project Office on February 2017.

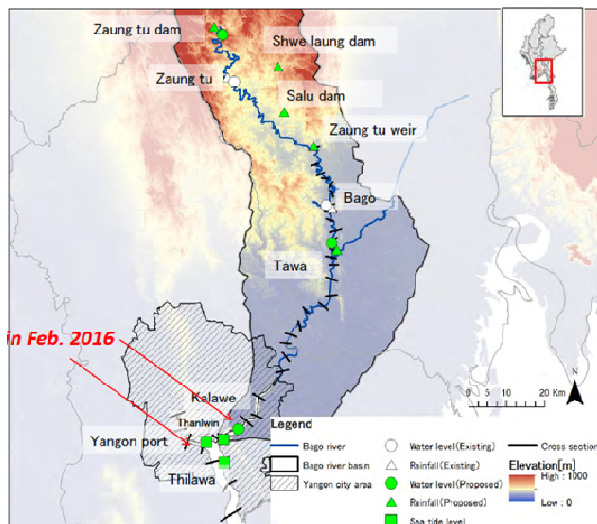
Main aim of this seminar is to improvement of student's presentation skills and teaching skills of YTU faculty members. It is also expected that sharing progresses on project related activities will contribute to enhance improvement of their research activities.



Myanmar-Japan Joint Seminar (Feb.)

### 2) Installation of Weather station in Bago

Water-related disaster group installed 3 weather stations in Bago Region (Zaung Tu Dam, Shwe Laung Dam and Salu Dam).



IWUMD and DHPI set up fence and basement for weather stations by their own expenses.

Observation data has been transferred to YTU by telemetry system.



Installation of weather station at Zaung Tu Dam(Mar.)

### 3) International Seminar for Infrastructure

Infrastructure Group conducted a seminar called "Present and Future Road Infrastructure Maintenance in Myanmar and Japan" on 15 - 16 March 2017 at YTU jointly collaborated with SIP and JPCI.

Over 160 participants from MOC, Private companies, YTU and so on attended on seminar and shared current situation and future efficient maintenance practices for proper infrastructure management.



Infrastructure seminar at YTU (Mar.)



#### 4) SATREPS Myanmar-Japan Joint Meeting

YTU faculty members Dr. Myint Thein (Rector), Dr. Nyan Myint Kyaw (Head of Civil Engineering Department) and U Htay Win (Asso. Prof) were invited to Japan for Myanmar - Japan joint meeting in U Tokyo from 7 - 9 March 2017.

Both Myanmar and Japan side discussed about current situations and issues of the Project, and agreed to enhance project activities.



Meeting at U Tokyo (Mar.)

#### 5) Courtesy visit to Yangon Prime Minister

The Project members paid a courtesy visit to U Phyo Myint Thein, Yangon Regional Prime Minister on 15 December 2017. The Project explained overview of the project activities briefly and how those activities will contribute to development of Yangon City.

#### 6) Meeting with YCDC Secretary for the Implementation of Urban Risk Monitoring System

Members of the Urban Planning Team of the Earthquake-related Disaster Group met with the Secretary and all concerning departments of YCDC in December to explain the project to establish an Urban Risk Monitoring System together with the Urban Planning Division of YCDC. The team explained how the risk monitoring is conducted and what kind of data is necessary to do so. The secretary expressed strong interest in the capacity development of YCDC and agreed to support the project by providing necessary data of two townships to conduct pilot study.



Meeting with the Secretary and concerning Departments at YCDC