

KU joint SPIRITS Workshop

Cooperating atmospheric scientists, engineers and social scientists for disaster mitigation in monsoon Asia

On November 28-29, 2014

At Kyoto University ASEAN office in Bangkok, Thailand

Jointly organized by

Kazuyoshi Nishijima, Taiichi Hayashi, Disaster Prevention Research Institute, DPRI

Kazuo Ando, Department of Practice-oriented Area Studies, CSEAS

Kyoto University

Background

Most of the regions in Monsoon Asia have been affected by atmospheric hazard events. Huge number of lives have been lost by those events; e.g. tornadoes in Bangladesh (1989, 2013), typhoon Nargis in Myanmar (2008) and typhoon Haiyan in the Philippines (2013). It should also be emphasized that insufficient yields of crops due to anormal weather have been causing direct and indirect consequences in society. In spite of complex and interrelated nature of these disasters, only few communications and corporations have been made among experts in relevant research disciplines. This has led less efficient investments of resources in both research and practice to mitigate those disasters.

This workshop primarily aims at sharing experiences and efforts made in individual research disciplines; e.g. atmospheric sciences, architecture engineering, agricultural engineering and social sciences. As the output from the workshop, we will come up with resolution about a proposal for unique inter/trans-disciplinary approach for disaster prevention without compromising societal and cultural continuity.

Time schedule

Ice-breaking reception, 18:00-21:00, November 28

Technical presentations, 9:00-12:00, November 29

Technical presentations, 13:30-15:50

Discussion and resolution, 15:50-16:30

Contact

Kazuyoshi Nishijima, nishijima.kazuyoshi.5x@kyoto-u.ac.jp

Kazuo Ando, ando@cseas.kyoto-u.ac.jp

Taiichi Hayashi, hayashi.taiichi.3m@kyoto-u.ac.jp

Ice-breaking reception

Meeting place: Lobby at D Varee Xpress Hotel Makkasan Bangkok

Meeting time: 18:00, November 28

Program for technical presentations

9:00 - 9:10	Opening remark	Taiichi Hayashi
9:10 - 9:40	People's participated disaster mitigation program through Practice-oriented Area Studies: A Plan in Bangladesh and Myanmar	Kazuo Ando
9:40 - 10:10	Impacts of cyclone storms in costal island of Bangladesh	Md. Rafiqul Alam
10:10 - 10:40	Comparison of meteorological disasters and their counter measure between Bangladesh and Myammar	Taiichi Hayashi
10:40 - 11:00	Break	
11:00 - 11:30	Pre-monsoon Dryline Position and Risk Zone of Tornado Occurrence: Case Study Perspective in Bangladesh	Fatima Akter
11:30 - 12:00	Bangladesh Tornado on 22 March 2013 -its damage and the atmospheric condition -	Fumie Murata
12:00 - 13:30	Lunch	
13:30 - 14:00	Damages of non-engineered houses in Leyte Island, the Philippines, and their wind-resistant performance	Kazuyoshi Nishijima
14:00 - 14:30		Greg Chiu
14:30 - 14:50	Break	
14:50 - 15:20	Development of Vulnerability Curves for Makeshift Houses in the Philippines	Jaime Hernandez
15:20 - 15:50	Hydro Meteorological Disaster and Preparedness Initiatives: Bangladesh Perspective	Anisur Rahman
15:50 - 16:20	Discussion	Kazuo Ando
16:20 - 16:30	Closing remark	Kazuyoshi Nishijima

Venue

Kyoto University, ASEAN Center, No.3925, 9th Floor, BB Building, 54 Sukhumvit Soi. 21 (Asoke Rd.) Klong Toey Nua, Watthana, Bangkok 10110, THAILAND

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