

Japan Taiwan Joint Symposium on Disaster Education and Risk Communication for Climate Change Adaptation

Representative: RAJIB SHAW

Date: October 13-16th, 2010

Place: Kobe International Conference Center, Japan (13-14 October 2010)
Kyoto University, Japan (15-16 October 2010)

Co-organized by

Kyoto University Global COE Program "Global Center for Education and Research on Human Security Engineering for Asian Megacities"
Kyoto University Graduate School of Global Environmental Studies
National Yunlin University of Science and Technology
Interchange Association, Japan
National Science Council, Taiwan
Taipei Economic & Cultural Representative Office in Japan
Kyoto University Global COE Program Sustainability/Survivability Science for a Resilient Society Adaptable to Extreme Weather Conditions

Invited Persons: Joy Pereira (National University of Malaysia, Professor), Fuad Mallick (BRAC University, Professor), Juan M. Pulhin (University of the Philippines Los Baños, Professor), Danai Thaitakoo (Chulalongkon University, Professor), Phong Tran (Hue University, Collage of Economics, Lecturer), Wen Jet-Chau (National Yunlin University of Science and Technology, Professor), Huang Chin-Hsing (Nanya Institute of Technology, Assistant Professor), Weng Chien Erh (National Kaohsiung University, Assistant Professor), Chen Hsing-Chung (Asia University, Assistant Professor), Hsu Jih-Shih (National Yunlin University of Science and Technology, Associate Professor), Chun-Yen Chang (National Taiwan University, Professor), Ho-Lung Hung (Chien-Kuo Technology University, Associate Professor), Shinya Shimokawa (National Research Institute for Earth Science and Disaster Prevention, Senior Researcher), Koichi Shiwaku (National Research Institute for Earth Science and Disaster Prevention, Researcher)

Number of Participants: More than 45

Participants: Chang Wen-Chang (National Science Council, Deputy Minister), Cheng Hui-Chuan (National Science Council, Staff), Tsou Min-Dar (Taipei Economic & Cultural Representative Office in Japan, Manager), Tsou Minhuai (Taipei Economic & Cultural Representative Office in Japan, Secretariat), Huang, Shao-Yang (National Yunlin University of Science and Technology, Research Assistant), Tseng Fan-Kuang (National Yunlin University of Science and Technology, Research Assistant), Chun-Chieh, Wang (National Taipei University of Technology, Research Assistant), Akihiko Akamatsu (Kyoto University, Vice President, Professor), Iwao Miyoshi (Kyoto Prefectural University, Assistant Professor), Shintaro Kobayashi (GSGES, Kyoto University, Dean of GSGES, Professor), Kaoru Takara (DPRI, Kyoto University, Leader of GCOE-ARS, Professor), Hirokazu Tatano (DPRI, Kyoto University, Professor), Yukihiko Morimoto (GSGES, Kyoto University, Professor), Katsue Fukamachi (GSGES, Kyoto University, Associate Professor), Rajib Shaw (GSGES, Kyoto University, Associate Professor), Yukiko Takeuchi (GSGES, Kyoto University, Assistant Professor), Gulshan Pravin (GSGES, Kyoto University, Researcher), Nguyen Ngoc Huy (GSGES, Kyoto University, Researcher), Doctors and Masters Students of GSGES and DPRI

Purpose

The relationship between human and environment is most pronounced in areas of human dependence on access to natural resources. Environmental resources are a critical part of the livelihoods of many people. Disaster risk management has its direct connotation to human environment and human security. Many of the natural disasters like typhoon, flood and drought are found to be directly related to the environmental degradation. These disaster events affect the poor people the most by affecting their lives, properties and livelihoods, and also affect the natural and built environment. Therefore, by creating disaster resilient communities, it is possible to enhance environmental protection.

Taiwan and Japan have significant similarities in terms of geo-morphological characteristics, rainfall patterns, and occurrences of typhoons. Although the socio-economic condition and administrative structures might differ, there are strong need and possibilities of mutual learning from developing effective risk communication strategy.

Achievement and Results

This symposium focused on the climate change adaptation (CCA) and disaster risk reduction (DRR) approaches in Taiwan and Japan, and focused on the future opportunities of inter-linkages of CCA and DRR. This symposium output is

the followings:

- ① Sharing of experiences and learning about disaster risk reduction
- ② Recommendations on disaster management to policy makers
- ③ Discussion on risk communication strategy
- ④ Publication on mountain disaster and risk communication



Symposium Situation at Shiran kaikan

日台共同シンポジウム 気候変動適応策に関わるリスクコミュニケーションと防災教育

代表者： ショウ ラジブ

開催日時： 2010年10月13日～16日

開催場所： 神戸国際会議場(10/13-14)・京都大学芝蘭会館(10/15-16)

共 催： 京都大学 GCOE プログラム「アジア・メガシティの人間安全保障工学拠点」
京都大学大学院地球環境学堂
国立雲林科技大学
(財)交流協会
行政院国家科学委員会
台北駐日経済文化代表事務所
京都大学 GCOE プログラム「極端気象と適応社会の生存科学」

招 聘 者： Joy Pereira (National University of Malaysia, Professor), Fuad Mallick (BRAC University, Professor), Juan M. Pulhin (University of the Philippines Los Baños, Professor), Danai Thaitakoo (Chulalongkon University, Professor), Phong Tran (Hue University, Collage of Economics, Lecturer), Wen Jet-Chau (National Yunlin University of Science and Technology, Professor), Huang Chin-Hsing (Nanya Institute of Technology, Assistant Professor), Weng Chien Erh (National Kaohsiung University, Assistant Professor), Chen Hsing-Chung (Asia University, Assistant Professor), Hsu Jih-Shih (National Yunlin University of Science and Technology, Associate Professor), Chun-Yen Chang (National Taiwan University, Professor), Ho-Lung Hung (Chien-Kuo Technology University, Associate Professor), 下川信也(独立行政法人防災科学技術研究所・主任研究員)、塩飽孝一(独立行政法人防災科学技術研究所・特別研究員)

参加人数： 約 45 名

主な参加者： Chang Wen-Chang (National Science Council, Deputy Minister), Cheng Hui-Chuan (National Science Council, Staff), Tsou Min-Dar (Taipei Economic & Cultural Representative Office in Japan, Manager), Tsou Minhuai (Taipei Economic & Cultural Representative Office in Japan, Secretariat), Huang, Shao-Yang (National Yunlin University of Science and Technology, Research Assistant), Tseng Fan-Kuang (National Yunlin University of Science and Technology, Research Assistant), Chun-Chieh, Wang (National Taipei University of Technology, Research Assistant), 赤松明彦(京都大学・副学長)、三好岩生(京都府立大学・助教)、小林慎太郎(京都大学大学院地球環境学堂・学堂長・教授)、寶馨(京都大学防災研究所・教授)、多々納裕一(京都大学防災研究所・教授)、森本幸裕(京都大学大学院地球環境学堂・教授)、深町 加津枝(京都大学大学院地球環境学堂・准教授)、ショウ ラジブ(京都大学大学院地球環境学堂・准教授)、竹内裕希子(京都大学大学院地球環境学堂・特定助教)、Gulshan Pravin(京都大学大学院地球環境学堂・JSPS 外国人特別研究員)、Nguyen Ngoc Huy(京都大学大学院地球環境学堂・研究員)、地球環境学堂・学舎、防災研究所の博士課程、修士課程の学生

目的・概要

「環境」には、大気や植生・水文・地形・地質などの自然的環境と人口や産業・土地利用の変化などの人的環境がある。これらの環境は、自然的・人為的に密接して関係しながら常に変化し続けている。変化は、「発展」と受け止められる一方で、脆弱性を増大していることが多々ある。災害危機管理は、これらの自然的環境と人的環境の関係性を明らかにしつつ、コミュニティ・個人単位で地域に見合った対応策を考えることが必要である。

台湾と日本には、地理形態的な特徴、雨量パターンや台風の発生に関して様々な類似点を有している。社会的経済状態と行政機構において異なる点があるが、相互が学ぶことにより、実施可能かつ効果的リスクコミュニケーション戦略を開発することが必要である。本ワークショップはこれらを議論することを目的として実施した。

シンポジウムの様子・得られた成果

本シンポジウムの開催によって得られた成果は下

記の4点である。

- ①日本と台湾における防災に関する知識・情報の共有と防災技術の向上
- ②防災政策立案に関する提案
- ③戦略的リスクコミュニケーションに関する議論
- ④山間地域の災害とリスクコミュニケーションに関する書籍作成



集合写真