

2010 AIT-KU Joint Symposium on Human Security Engineering

Representative: Hiroyasu OHTSU

Date: November 25-26th, 2010

Place: Chaophya Park Hotel, Bangkok, Thailand

Organized by Asian Institute of Technology
Kyoto University,
The Global COE Program "Global Center for Education and Research on
Human Security Engineering for Asian Megacities"

Invited Speaker: Montri Dechasakulsom (Department of Highways, Thailand)

Main Speakers: Hiroyasu Ohtsu (Research Field Leader, Prof., Dept. of Urban Management), Noppadol Phien-wej (Assoc. Prof., Asian Institute of Technology), Eiichi Taniguchi (Prof., Dept. of Urban Management), Toshifumi Matsuoka (Prof., Dept. of Civil and Earth Resources Engineering), Junji Kiyono (Prof. Dept. of Urban Management), Kunitomo Sugiura (Prof., Dept. of Civil and Earth Resources Engineering), Somkiat Apipattanavis (RID), Chul-Woo Kim (Prof., Dept. of Civil and Earth Resources Engineering), M.S. Babel (Prof., Asian Institute of Technology), Pennung (Prof., Asian Institute of Technology), Yasuhito Tachikawa (Assoc. Prof., Dept. of Civil and Earth Resources Engineering), Kakuya Matsushima (Assoc. Prof., Dept. of Urban Management), Yasuhiro Shiomi (Dept. of Urban Management), Mamoru Yoshida (Assist. Prof. Dept. of Urban Management), Sri Maryati (Institute of Technology Bandung), Kunnawee Kanitpong (Assist. Prof., Asian Institute of Technology), S. Suttisak (Prof., Kasetsart University), Dai Nobuoka (Oyo Corporation), Sunao Takagi (JOGMEC), Takashi Akai (JOGMEC), Rusnardi Rahmat Putra (Kyoto University)

Number of Participants: About 50

Purpose

In the overseas base of Asian Institute of Technology in Bangkok, the symposium which covers both the AIT overseas base symposium and the research field symposium of "Urban Infrastructure Management" is held to aim at the realization of human security around Asian regions and the social implementation of human security engineering. Researchers who engage in urban governance, urban infrastructure management, and disaster risk management will gather together and share research progresses including new developed engineering systems and challenging trials of social implementation of engineering techniques. In addition, it is also aimed to implement overarching discussions to develop the concept of "Human Security Engineering".

Achievement and Results

In the symposium, Dr. Montri Dechasakulsom, who is a deputy director of Highway Research and Analysis Division, Department of Highways, Thailand, made a keynote lecture titled "Highway Research for sustainable development in Thailand".

In the symposium sessions, we have seven sessions such as "critical infrastructure for human activities", "infrastructure asset management", "transportation logistics", "geo-infrastructure asset management", "energy supply system", "water resource and food supply system" and "natural and man-made disaster risk management". In each session, three speakers made presentations on each specific research field. Although the specialty of participants

included a variety of research fields, overarching discussions were positively done between participants in each session.

Finally, they confirmed the continuous relationship between Kyoto University and Asian Institute of Technology. In addition, they agreed with the involvement of participants from other countries and broadened their horizon on the development of the concept of "Human Security Engineering" and social implementation of "Human Security Engineering".



Participants on the conference

2010年度 人間安全保障工学に関する 京都大学－アジア工科大学ジョイントシンポジウム

代表者： 大津 宏康

開催日時： 2010年11月25, 26日

開催場所： チャオパヤパークホテル（バンコク，タイ）

主催： アジア工科大学

京都大学

京都大学グローバル COE プログラム「アジア・メガシティの人間安全保障工学拠点」

招待講演者： Montri Dechasakulsom (Department of Highways, Thailand)

参加人数： 約50名

主な参加者： Hiroyasu Ohtsu (Research Field Leader, Prof., Dept. of Urban Management), Noppadol Phien-wej (Assoc. Prof., Asian Institute of Technology), Eiichi Taniguchi (Prof., Dept. of Urban Management), Toshifumi Matsuoka (Prof., Dept. of Civil and Earth Resources Engineering), Junji Kiyono (Prof. Dept. of Urban Management), Kunitomo Sugiura (Prof., Dept. of Civil and Earth Resources Engineering), Somkiat Apipattanavis (RID), Chul-Woo Kim (Prof., Dept. of Civil and Earth Resources Engineering), M.S.Babel (Prof., Asian Institute of Technology), Pennung (Prof., Asian Institute of Technology), Yasuhito Tachikawa (Assoc. Prof., Dept. of Civil and Earth Resources Engineering), Kakuya Matsushima (Assoc. Prof., Dept. of Urban Management), Yasuhiro Shiomi (Dept. of Urban Management), Mamoru Yoshida (Assist. Prof. Dept. of Urban Management), Sri Maryati (Institute of Technology Bandung), Kunnawee Kanitpong (Assist. Prof., Asian Institute of Technology), S. Suttisak (Prof., Kasetsart University), Dai Nobuoka (Oyo Corporation), Sunao Takagi (JOGMEC), Takashi Akai (JOGMEC), Rusnardi Rahmat Putra (Kyoto University)

目的・概要

AIT 拠点では、アジア域における人間安全保障の実現とその実践に向けて、AIT 拠点シンポジウム及び都市基盤マネジメント研究領域シンポジウムを兼ねた形でのシンポジウムを開催する。都市ガバナンス、都市基盤マネジメント、災害リスクマネジメントで活動する研究者が一同に会し、研究活動の進捗状況の共有化を図ると共に、人間安全保障工学の確立に向けて、タイ拠点を中心とした一連の研究の展開を踏まえて分野横断的な議論を行うことを目的とする。

シンポジウムの様子・得られた成果

シンポジウムでは、タイ道路省から Montri Dechasakulosom 氏 (Deputy Director, Highway Research and Analysis Division) をお招きした上で、タイにおける高速道路の建設及び管理状況について包括的な講演を行った。

セッション発表において、人間活動のための重要社会基盤、社会基盤アセット管理、交通ロジスティクスシステム、土質構造管理、エネルギー供給システム、水資源及び食糧供給システム、自然及び人的災害対策という7つのセッションを設けた上で、各

セッションにおいて3名の講演者が発表を行った。参加者の専門性は異なっていたものの、各参加者の専門的な立場から分野横断的な議論が各セッションにおいて積極的に行われた。今後は、タイ拠点だけでなく周辺のアジアの拠点を巻き込んだ上で、継続的に協力関係を構築していくことを確認した。



開会の辞を行う大津教授と Noppadol 准教授