



ITB-KU JOINT SYMPOSIUM ON HUMAN SECURITY ENGINEERING

Theme

**Establishing the discipline of Energy Security
Engineering and Disaster Prevention in
Indonesia**

Venue

Nusa Dua Bali, Indonesia

Date

October, 7-8, 2009

Organized by:

**Institut Teknologi Bandung (ITB),
Kyoto University (KU)**

and

**Kyoto University Global COE "Human Security
Engineering for Asian Megacities"**

ORGANIZERS

Institut Teknologi Bandung , Indonesia
Kyoto University, Japan
Kyoto University Global COE "Human Security
Engineering for Asian Megacities"

BACKGROUND AND SCOPE

Fulfilling basic human needs and assuring the self-sustainable recovery from environmental pollution and disasters in Asian Megacities have been the major challenges for several decades, and the situation still needs more improvement. Against such a background, Kyoto University has launched a new Global Center Of Excellence (GCOE) Program entitled "Global Center for Education and Research on Human Security Engineering for Asian Megacities" since 2008 fiscal year. The purpose of this GCOE program is to establish

the discipline of "Urban Human Security Engineering" and to provide education for next-generation researchers and high-level practitioners for human security in Asia.

One of the characteristics of this GCOE program is to implement area-specific research and education. The program set up 6 overseas bases and Institut Teknologi Bandung in Bandung is one of the overseas bases.

The symposium aims to deepen the understanding of urban human security engineering and develop its policy and implementation. In addition, the symposium will contribute to strengthen a broad range of human security network between ASEAN countries through the distinguished speakers who are invited.

URBAN HUMAN SECURITY ENGINEERING

"Urban Human Security Engineering" is defined as a system of technologies (techniques) for designing and managing cities that enable their inhabitants to live under better public health conditions, and also live free from potential threats of large-scale disasters and environmental destruction. For establishing this discipline, four existing fields, i.e. urban governance, urban infrastructure management, health risk management, and disaster risk management, are integrated into one discipline.

OBJECTIVES

Key objectives of the symposium are:

- To discuss the new discipline of Human Security Engineering
- To broad a network for human security between Indonesia and Japan.
- To promote interaction between researchers and practitioners

Topics of interest in this ITB-KU Joint Symposium includes :

1. Urban Energy Security Engineering
2. Urban Disaster Prevention
3. Geo Hazards

WHO SHOULD ATTEND THE CONFERENCE?

We are pleased to welcome all of researches, practitioners, and students who are interested in Human Security Engineering.

LANGUAGE

The official language of the conference is English.

ORGANIZING BODIES

The conference is jointly organized by Institut Teknologi Bandung, the Faculty of Engineering, Kyoto University, Japan and Global COE "Human Security Engineering for Asian Megacities"

INSTITUT TEKNOLOGI BANDUNG (ITB) or Bandung Institute of Technology, was founded on March 2, 1959. The present ITB main campus is the site of earlier engineering schools in Indonesia.

Government Decree No. 155/2000 pertaining to The Decision on ITB as Legal Enterprise (Badan Hukum) has opened a new path for ITB to become autonomous. The status of autonomy implies a freedom for the institution to manage its own business in an effective and efficient way, and to be fully responsible for the planning and implementation of all program and activity, and the quality control for the attainment of its institutional objective.

KYOTO UNIVERSITY was founded in 1897, the second university to be established in Japan. Known for its pioneering spirits and academic freedom, the university has produced five Nobel laureates and two Fields medalists.

Global COE(Centers of Excellence) Program, which has been carried out by Japan's Ministry of Education, Culture, Sports, Science and Technology (MEXT) , will provide funding support for establishing education and research centers that perform at the apex of global excellence to elevate the international competitiveness of the Japanese universities. The program will strengthen and enhance the education and research functions of graduate schools, to foster highly creative young researchers who will go on to become world leaders in their respective fields through experiencing and practicing research of the highest world standard.

CONFERENCE VENUE

Novotel Nusa Dua Bali
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 Fax : +62 (0) 361 8480-556
 Email : salesmice@novotelnusaduabali.com

REGISTRATION

Please send your name and affiliation to Dr.Fatkhan, who is the general secretariat of this conference, by October 5th, 2009. All participants are free to attend the conference and limited only 25 participants.

GENERAL SECRETARIAT CONTACT DETAILS

Dr. Fatkhan, Kyoto University, Japan
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LOCAL SECRETARIAT CONTACT DETAILS

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CONFERENCE WEBSITE

<http://hse.gcoe.kyoto-u.ac.jp/events/en/post-51/>

08:30-09:00	Registration	08:45-10:15	Prof. Toshifumi Matsuoka (KU)
		10:30-12:00	Dr. Yashuhiro Yamada (KU)
09:00-09:15	Opening ceremony	12:00-13:30	Lunch
09:15-09:45	Keynote Address (1), Prof. Toshifumi Matsuoka (KU)	13:00-14:30	Dr. Fatkhan (ITB)
09:45-10:15	Keynote Address (2) Prof. Djoko Santoso (ITB)	14:45-16:15	Student's Presentations
10:15-10:30	Coffee Break		

Session 1: Urban Energy Security Engineering

10:30-11:00	Dr. Eko Widiyanto (Pertamina)
11:00-11:30	Dr. Toru Takahashi (FGI)
11:30-12:00	Dr. Rachmat Sule (ITB)
12:00-13:30	Lunch

Session 2: Urban Disaster Prevention & Managements

13:30-14:00	Dr. Khrisna Pribadi (ITB)
14:00-14:30	Dr. Wawan Gunawan (ITB)

Session 3: Geo Hazards

14:30-15:00	Prof. Hasanuddin Z A (ITB)
15:00-15:30	Dr. Takeshi Tsuji (KU)
15:30-15:45	Coffee Break
15:45-16:15	Dr. Masami Hato (ERSDAC)
16:15-16:45	Dr. Yashuhiro Yamada (KU)
16:45-17:00	Closing Ceremony
19:30-	Dinner Party

Programs

1st day (October 7) Symposium

2nd day (October 8) Workshop for Students