



**KU-JICA JOINT SYMPOSIUM ON
HUMAN SECURITY ENGINEERING**

Theme
**Human Security and Related
Capacity Development**

Venue
Nikkei Conference Room, Tokyo, Japan

Date
March 1-2, 2010

Organized by:
Japan International Cooperation Agency,
Kyoto University
and
**Kyoto University Global COE “Human
Security Engineering for Asian Megacities”**

BACKGROUND AND SCOPE

The advance of globalization causes an increase in various cross-border dangers and exposes many people in developing countries to civil strife, disasters, poverty, and other humanitarian threats. The concept of human security places individual human beings at its core, seeking to defend them from fear and want: fear of things like conflict,

terrorism, disaster, environmental destruction, and infectious disease, and want in the face of poverty and in social services and infrastructure. By building up people's abilities to address these issues themselves, this approach aims to build societies in which they can live with dignity. In order to defend the weakest members of society from these various threats, Japan International Cooperation Agency (JICA) will support efforts to bolster social and institutional capacity and to increase people's ability to deal with threats themselves under the policy of Japanese Official Development Assistance (ODA)

From a viewpoint of Human Security, it is definite that the various development issues in Asian Megacities are very urgent ones to be tackled with. Since those issues are closely connected with each other, it is required that a comprehensive approach shall be taken to combine and to collaborate with several academic and research fields. In a sense of this, the Global Center of Excellence Program (GCOE) entitled “Global Center for Education and Research on Human Security Engineering for Asian Megacities” implemented by Kyoto University (KU) is absolutely significant and timely.

The KU-JICA joint symposium aims to deepen the understanding of Human Security and its Capacity Development. In addition, the symposium can give an opportunity to exchange views about the current research activities in

several overseas bases, namely Singapore, Thailand and Indonesia, concerned to Human Security Engineering.

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 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 conference are:

- To deepen the understanding of Human Security and Development
- To discuss Human Security and Related Capacity Development
- To exchange views about the possible improvement of research and education activities in several overseas bases
- To promote interaction between researchers and practitioners

Topics of interest in this KU-JICA Joint Symposium includes (but not limited to):

1. Urban Governance
2. Urban Infrastructure Asset Management
3. Environmental Accounting of Infrastructure Project
4. Urban Energy Security Engineering
5. Urban Food Security Engineering
6. Urban Transport and Logistics
7. Urban Disaster Prevention

WHO SHOULD ATTEND THE CONFERENCE?

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

LANGUAGE

The official language of the conference is English.

ORGANISING BODIES

The conference is jointly organized by Japan International Cooperation Agency (JICA) and Global COE “Human Security Engineering for Asian Megacities”, Kyoto University, Japan.

JICA was established as an independent administrative institution that aims to contribute to the promotion of international cooperation as well as the sound development of Japanese and global economy by supporting the socioeconomic development, recovery or economic stability of developing regions.

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 of 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

Nikkei Conference Room
 Nikkei Building 6F
 1-3-7 Otemachi Chiyoda-ku, Tokyo Japan
 TEL : (81)-3-6256-7686
 FAX : (81)-03-6256-7932

Location Map:



CONFERENCE GOVERNORS

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Kunitomo SUGIURA

Hiroshi GOTOH

Yasuto TACHIKAWA

REGISTRATION (registration fee)

Please complete your registration from the following website by February 15, 2010. All participants are free to attend the symposium.

Registration Website

<http://hse.gcoe.kyoto-u.ac.jp/kujica/registration/index.html>

GENERAL SECRETARIAT CONTACT DETAILS

E-mail: kujica-sympo@hse.gcoe.kyoto-u.ac.jp

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CONFERENCE WEBSITE

<http://hse.gcoe.kyoto-u.ac.jp/kujica>

PROGRAM (Tentative, Feb.8, 2010)

1st day (March 1) Conference Room

12:00-13:00	Registration
13:00-13:10	Opening Ceremony
13:10-13:55	KeynoteSpeech(1) "JICA's Mission on Human Security" Kenzo OSHIMA (Senior Vice-President of JICA)
13:55-14:40	Special Lecture (1) "The risks and potentials of Asian megacities" Belinda Yuen (NUS / World Ban Visiting Scholar)
14:40-15:00	Coffee Break
15:00-15:45	Special Lecture (2) "Mega-city management and community-based hospital" Sawako TAKEUCHI (KU)
15:45-16:30	Special lecture (3) "How can we educate engineers to devote themselves to Asian?" Satoshi FUJII (KU)
16:30-16:45	Closing Ceremony

2nd day (March 2) Seminar Room 1

9:00-9:15	Opening Remarks	"Introduction of Geotechnical Infrastructure Asset Management in Thailand" Hiroyasu OHTSU (KU)
9:15-10:15	Keynote Speech "Human Security Paradigm -Challenges and Opportunities Ahead-" Gautam Ray (Ministry of Finance, Government of India / KU)	"Maintenance Strategy for Concrete, Steel and Hybrid Infrastructures" Yoshinobu Oshima (KU)
10:15-10:30	Coffee Break	"Water Resources Management for Human Security" Yasuto TACHIKAWA (KU)
	<u>Session 1</u>	14:40-14:55 Coffee Break
10:30-12:00	Reports on Research Activities in Singapore "Transport Logistics in Singapore -Development Issues and Research Initiatives-" Tien Fang FWA (NUS)	<u>Session 3</u> 14:55-16:35 Reports on Research Activities in Bandung, Indonesia "Urban Area Subsurface Problems Monitoring " Djoko Santoso (ITB)
	"Human Security for Transport Logistics" Eiichi TANIGUCHI (KU)	"Urban Energy Supply" Toshifumi MATSUOKA (KU)
	"Traffic Safety Issues in Asian Megacities - Conflict Analysis for Motorcycle -" Nobuhiro UNO (KU)	"Research Activities in Indonesia -Collective Actions upon Social Capital-" Kiyoshi KOBAYASHI (KU)
12:00-13:00	Lunch	"Microtremor Observations for Earthquake Disaster Mitigation in Padang, Indonesia" Junji KIYONO (KU)
	<u>Session 2</u>	16:35-16:45 Closing Remarks
13:00-14:40	Reports on Research Activities in Bangkok, Thailand "Engineering for tackling problems of bank slope instability along water ways in Thailand" Noppadol Phien-wej (AIT)	