



Integrated Disaster Risk Management(IDRiM) for Megacity, Mumbai



Kyoto University Global Program
Global Center for Education and Research on
Human Security Engineering for Asian Megacities

Global Center for Education and Research on Human Security Engineering for Asian Megacities

Contact -

Mumbai office:

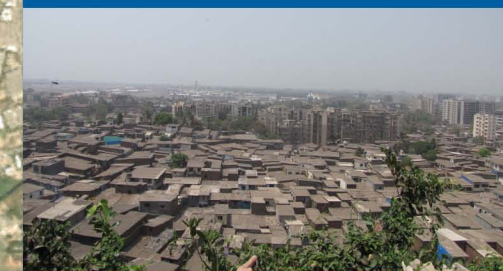
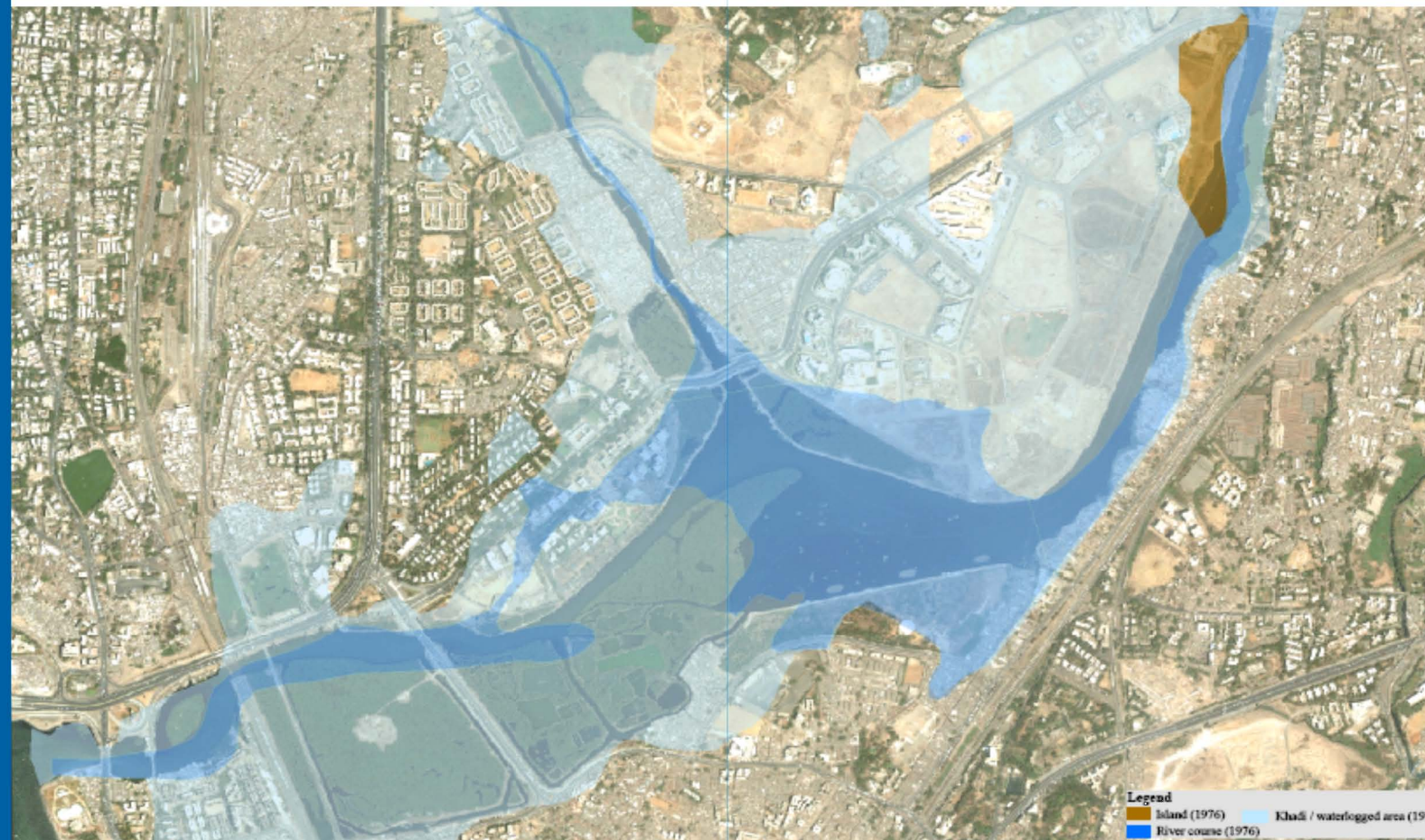
GCOE Mumbai Base, Kyoto University, Japan
Room No. - 16, (Office of Project Officer Dharavi,
Ground Floor),
Municipal Corporation of Greater Mumbai,
Harischandra Yelve Marg, Dadar (West),
(Near Plaza Cinema Theatre),
Mumbai - 400 028, India.
Phone No. + 91 - 22 - 24397905

Japan office:

Urban Human Security Engineering Education and
Research Center
C1-3-182, Kyotodaigaku Katsura, Nishikyoku,
Kyoto 615-8540, Japan
Email : contact@hse.gcoe.kyoto-u.ac.jp
Phone No. + 81- 75 - 383 - 3412 / 3413
<http://www.hse.gcoe.kyoto-u.ac.jp/>

Director's office, DPRI:

Disaster Prevention Research Institute
Gokasho, Uji, Kyoto 611-0011, Japan
Phone No. +81 - 774 - 38 - 4035 / 3348
Fax No. +81 - 774 - 38 - 4636 / 4030
<http://www.dpri.kyoto-u.ac.jp/>



Members of Mumbai Base Office



Join Our GCOE Program !

The GCOE program encourages young researchers and academicians to work together in the field of human security engineering including integrated disaster risks management. The program provides young researchers excellent opportunity for unique education to gain practical field experience of high quality in human security engineering. GCOE program provides various financial supports for young researchers and could accept 20 PhD students and a number of post-doctoral fellows every year. Interested students and researchers are encouraged to visit our web-site for further information <http://hse.gcoe.kyoto-u.ac.jp/>

In Collaboration with
**Municipal Corporation of Greater Mumbai
(MCGM)**
&
**School of Planning and Architecture
(SPA), New Delhi**

With Support of

Mithi River Development Authority, Mumbai
Dharvi Redevelopment Authority, Mumbai
Indian Institute of Technology, Mumbai
Jamsetji Tata Centre for Disaster Management, Tata Institute of Social Science, Mumbai
MASHAL NGO, Mumbai





Yuzuru Matsuoka:
Program Leader
 -Professor
 Department of Environmental Engineering,
 Graduate School of Engineering,
 Kyoto University, Japan
 +81-75-383-3367
 matsuoka@env.kyoto-u.ac.jp

Introduction of Kyoto University GCOE Program

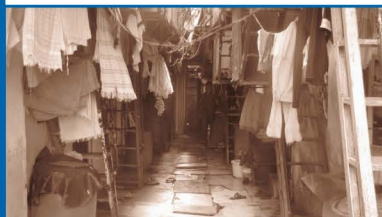
Kyoto University has launched a new Global Center of Excellence (GCOE) Program entitled "Global Center for Education and Research on Human Security Engineering for Asian Megacities" since 2008.

In this five year program, Kyoto University will establish a new discipline "urban human security engineering" which is defined as a system of technologies (technique) for designing and managing cities that enable inhabitants to live under better public health conditions, and also live free from potential threats of large scale disasters and environmental destructions, as listed in the millennium Development Goals. Your participation will create better access to the cutting edge information on this new discipline and the human resource part of this program.

Mumbai base is established with the collaboration among DPRI, Kyoto University, MCGM and SPA, New Delhi focusing on Disaster Risk Management.

Objectives

1. To enhance research on implementing integrated disaster risk management and develop prescriptions / solutions that are feasible to implement in Mumbai.
2. To develop more effective scientific methods for urban diagnosis with focus on disaster risk management at sub-city/area level.
3. To test advanced techniques and method available to assess vulnerability to disaster risks at sub-city / area level.
4. To help create new knowledge and expertise within MCGM for effective adaptation of improved implementation skills and practice pro-active planning in risk reduction and management.
5. To provide opportunities for students and researchers with appropriate instructions and information to take part in the GCOE-HSE program at the Kyoto University.



More specifically, this GCOE program will

- 1) Establish a network of overseas bases
- 2) Establish a new doctoral program
- 3) Implement key joint research projects
- 4) Organize many international symposia and workshops

Message



Hirokazu Tatano:
Leader of the Disaster Risk Management Research Field
 -Professor, Disaster Prevention Research Institute(DPRI),
 Kyoto University, Japan
 +81-774-38-4308
 tatano@imdr.mbox.media.kyoto-u.ac.jp

KU GCOE-HSE Program is focusing on research and education which can enhance human security in Asian megacities. Mumbai is a core of Indian economy and is also at risk of natural hazards. Based on field studies at Mumbai, we want to expand human security engineering perspectives in integrated disaster risk management and its implementation into the practice with collaboration between Kyoto University, MCGM and SPA.



Bijay Anand Misra:
Program Coordinator and Senior Advisor
 -Professor Emeritus
 School of Planning and Architecture(SPA), New Delhi, India
 + 91-9811032397
 bijayanand.misra@gmail.com

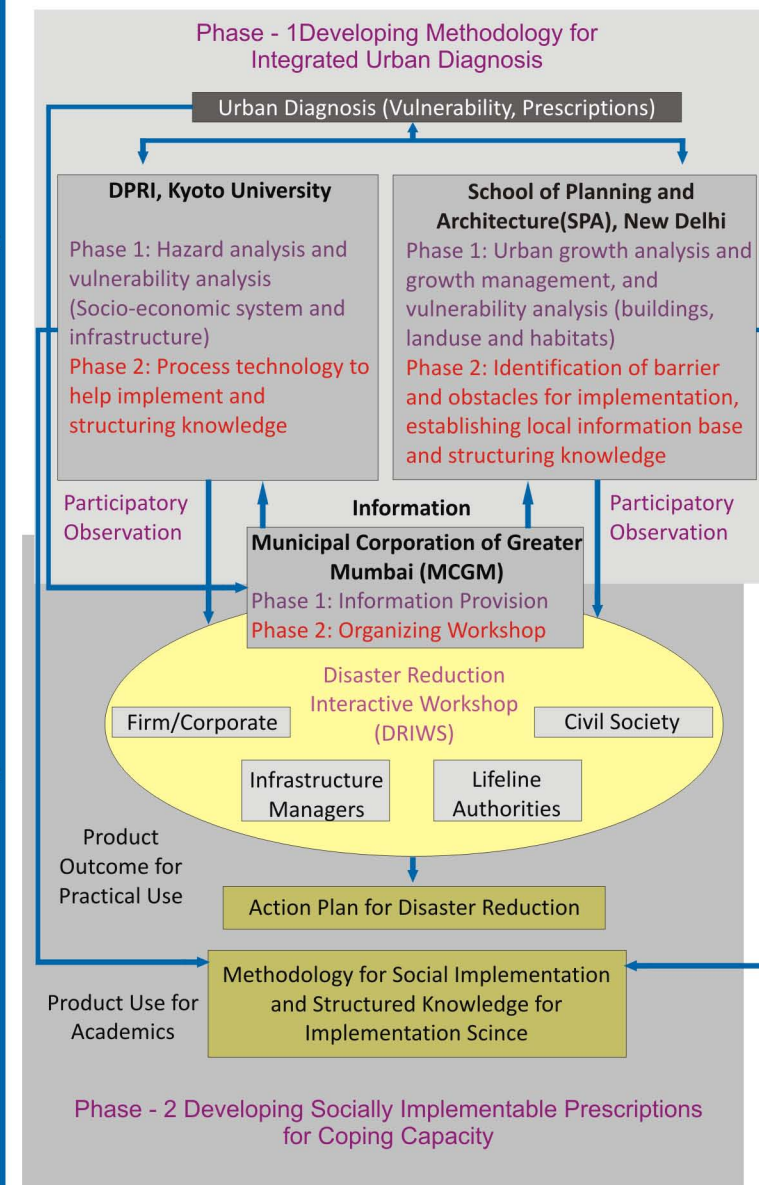
Many global megacities in the world are becoming increasingly vulnerable to natural and manmade disaster risks and the impact of climate change further exacerbates those. IDRM is a scientific approach to mitigate disaster risks through improved implementation with a view to enhance preparedness. DPRI-GCOE, SPA and MCGM, a three party collaboration project on Mumbai provides a very significant opportunity to help the Mumbai city to set a role model in this regard.



Ranjit Mitra:
 -Professor and Director
 School of Planning and Architecture (SPA), New Delhi, India
 +91 - 11 - 23702395
 ranjitmitra13@gmail.com

SPA New Delhi is privileged to be associated with Kyoto University GCOE project for Mumbai, which will be a great learning experience for the students and faculty. The outcome of the project will be greatly beneficial for the city of Mumbai and its citizens whose safety and security is paramount to ensure sustained development and well being. I am very hopeful that the study would create benchmarks that could evolve into a model that other Asian Cities would emulate.

Implementation Strategies for Integrated Disaster Risk Management in Asian Hot-spot Megacities: Mumbai



Networks/Collaborators

-Indian Institute of Technology, Mumbai

-MASHAL NGO, Mumbai

-Dharvi Redevelopment Authority, Maharashtra Housing and Area Development Authority.

Global Center of Excellence (GCOE),
 Disaster Prevention Research Institute (DPRI)
 Kyoto University, Japan

Integrated Disaster Risk Management for Megacity, Mumbai

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-Jamsetji Tata Centre for Disaster Management, Tata Institute of Social Science, Mumbai

-Mithi River Development Authority, Mumbai Metropolitan Regional Development Authority.

