

Kick off Symposium of
Ku-HSE, GCOE, Mumbai Base

on

**Integrated Disaster Risk Management: Hot Spot Mega
City, Mumbai**

Participating Institutions:

**Municipal Corporation of Greater Mumbai (MCGM), Mumbai, India
Disaster Prevention Research Institute (DPRI), Kyoto University, Japan
School of Planning and Architecture (SPA), New Delhi, India**

Venue:

West End Hotel,
45, New Marine Lines, Mumbai- 400020, India

16 – 17 March, 2009

Program Schedule

Day - 1 Monday, 16th March

Session 1

Welcome

Inaugural Address: The Challenge

Date: Monday, 16th March

Time : 10.00 – 10.15 hrs

10.00 – 10.05

Welcome Hirokazu TATANO, leader GCOE Mumbai Project, Kyoto University

10.05 – 10.15

Inaugural Address Jairaj PHATAK, Municipal Commissioner, MCGM

10.15 – 10.20

Break

Session 2

Opening Dialogue: The Focal Areas of Concern

Date: Monday, 16th March

Time : 10.20 – 10.50 hrs

10.20 – 10.30

Opening Dialogue Kishore GAJBHIYE

Affiliation Municipal Commissioner, Municipal Corporation of Greater Mumbai, Mumbai, India.

10.30 – 10.40

Opening Dialogue Norio OKADA

Affiliation Professor, Head of Research Group on Integrated Arts and Sciences for Disaster Reduction, Director (will be appointed from April 2009), Disaster Prevention Research Institute, Kyoto University, Japan

10.40 – 10.50

Opening Dialogue Ranjit MITRA

Affiliation Director and Professor, School of Planning and Architecture, New Delhi, India

10.50 – 11.10 **Break Tea/Coffee**

Session 3 Hot Spots: Diagnosis & Action

Chair B.Misra
Date Monday, 16th March
Time 11.10 – 12.10 hrs

11.10 – 11.30

Presenter V. K. PHATAK

Affiliation Former Chief Planner, Greater Mumbai Regional Development

Expertise Urban & Regional Planning & Development

Presentation

Title Critical Issues in Integrated disaster risk management in Mumbai and its metro region: Tasks ahead.

11.30 – 11.50

Presenter	<u>Norio OKADA</u>
Affiliation	Professor, Head of Research Group on Integrated Arts and Sciences for Disaster Reduction, Director (will be appointed from April 2009), Disaster Prevention Research Institute, Kyoto University, Japan
Expertise	Disaster Risk Management
Presentation Title	Integrated Disaster Risk Management and Hot Spot Case Studies

11.50 – 12.10

Presenter	<u>Ravi SINHA</u>
Affiliation	Department of Civil Engineering, Indian Institute of Technology Bombay, Mumbai, India
Expertise	(Yet to mention)
Presentation Title	Seismic Risk Assessment for Developing Earthquake Risk Management Policy

12.10 – 12.20

Break

Session 4 -1	Kick-off Meeting: Intervention Technologies, Part
Chair	Norio OKADA
Date	Monday, 16th March
Time	12.20 – 13.30 hrs
<u>12.20 – 12.40</u>	
Presenter	<u>Hirokazu TATANO</u>
Affiliation	Professor, Head of Research Division on Disaster Management for Safe and Secure Society, Disaster Prevention Research Institute, Kyoto University, Japan Leader of research field on disaster risk management in Global COE project on Human Security Engineering for Asian Mega Cities, Kyoto University, Japan
Expertise	Economic Analysis of Disaster, Disaster Risk Communication Support System
Presentation Title	Aim and Scope of GCOE-HSE, KU activities in Mumbai (Kick-off meeting)
<u>12.40 – 13.00</u>	
Presenter	S.S.SHINDE (MCGM Presentation)
Affiliation	Municipal Corporation of Greater Mumbai, India
Expertise	Municipal Administration & Governance
Presentation Title	Imperative actions in integrated disaster risk management: Hot Spot, Mumbai.
<u>13.00 – 13.30</u>	Discussion: What should be done
<u>13.30 – 14.30</u>	Lunch break

Session 4 Part: 2	Kick-off Meeting: Intervention Technologies –
Chair	Tomoharu HORI
Date:	Monday, 16th March
Time:	14.30 – 15.40 hrs
<u>14.30 – 14.50</u>	
Presenter	<u>B. MISRA</u>
Affiliation	Professor Emeritus & Coordinator, Ku-GCOE Mumbai Project.
Expertise	Urban Planning and Urban Management
Presentation Title	Holistic Approach in Intervention Technologies: Some Insights from Mumbai, Hot Spot Case.
<u>14.50 – 15.10</u>	
Presenter	<u>Jerome ZAYAS</u>
Affiliation	Senior Technical Associate, Chairman, Earthquake and Megacity Initiative
Expertise	(Yet to Mention)
Presentation Title	(Yet to Decide)
<u>15.10 – 15.40</u>	<u>Discussion</u>
15.40 – 16.00	Coffee/Tea Break

Session 5	Academic Exchange Session: Adaptive Technologies -Part: 1
Chair	Hirokazu TATANO
Date	Monday, 16th March
Time	16.00 – 17.30 hrs
<u>16.00 – 16.20</u>	
Presenter	<u>Tomoharu HORI</u>
Affiliation	Professor, Disaster Prevention Research Institute, Kyoto University, Japan. Vice Leader of Research Field on Disaster Risk Management in Global COE project on Human Security Engineering for Asian Mega Cities, Kyoto University, Japan.
Expertise	Hydrology, Artificial Intelligence for Evacuation Simulation
Presentation Title	A Flood Evacuation Simulation Model Considering Inhabitants' Attitude to Flood Disasters and Distributing Process of Information
<u>16.20 – 16.40</u>	
Presenter	<u>Yasuhiro HAYASHI</u>
Affiliation	Professor, Department of Architecture and Architectural Engineering, Graduate School of Engineering, Kyoto University, Japan Vice Leader of research field on disaster risk management in Global COE project on Human Security Engineering for Asian Mega Cities, Kyoto University, Japan
Expertise	Structural Engineering, Earthquake Engineering
Presentation	

Title	Disaster Risk Management Technologies for Buildings
<u>16.40 – 17.00</u>	
Presenter	<u>Nozomu YONEYAMA</u>
Affiliation	Associate Professor, Disaster Prevention Research Institute, Kyoto University, Japan
Expertise	Hydrolics, Urban Flood Simulation
Presentation Title	Cutting Edge Technologies for Urban Flood Simulation
<u>17.00 – 17.30</u>	<u>Discussion</u>

Day – 2

March 17th Tuesday

Session 5 Academic Exchange Session: Adaptive
Technologies -Part: 2

Chair Norio OKADA
Date Tuesday, 17th March
Time: 10.00 – 11.00 hrs

10.00 – 10.20

Presenter Kapil GUPTA

Affiliation Professor, Department of Civil Engineering, Indian Institute of
Technology Bombay, Mumbai, India

Expertise Hydrolics, Urban Flood Simulation

Presentation
Title Urban Flood Disaster Management in Mumbai – Present
Status and Future Challenges

10. 20 – 10.50

Presenters Kavas KAPADIA* & Sanjukta BHADURI**

Affiliation * Professor, Urban Planning Department, School of Planning &
Architecture, New Delhi

** Professor and Head of the Department, Urban Planning
Department , School of Planning and Architecture, New Delhi,
India.

Expertise Spatial Urban Planning & Disaster Management

Presentation

Title	Planning Approaches to Disaster Mitigation and Management
<u>10.50 – 11.10</u>	
Presenter	<u>Hirokazu TATANO</u>
Affiliation	Professor, Head of Research Division on Disaster Management for Safe and Secure Society, Disaster Prevention Research Institute, Kyoto University, Japan
Expertise	Economic Analysis of Disaster, Disaster Risk Communication Support System
Presentation Title	Flood Risk Management and Risk Communication

11.10 – 11.25	Break Tea/ Coffee – 11.00 -11.20
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Session 6 Part – 1	Technology Adaptation & Implementation Issues,
Chair	Kishore GAJBHIYE
Date	Tuesday, 17th March
Time:	11.25 – 13.00 hrs
<u>11.25- 11.40</u>	
Presenter	<u>N. V. PAI</u>
Affiliation	Assistance Commissioner, G-North Ward Office, Municipal Corporation of Greater Mumbai, India
Expertise	Municipal Administration & Governance
Presentation Title	Mumbai Flood Risks
<u>11.40 – 11.55</u>	
Presenter	<u>Balchandra PATIL,</u>

Affiliation	Depute Chief Engineer, Storm-water and Drainage Department, G-North Ward Office, Municipal Corporation of Greater Mumbai
Expertise	Sewerage and Strom Water Management
Presentation Title	(Yet to Mention)
<u>11.55 – 12.10</u>	
Presenter	<u>H. A. KALE</u>
Affiliation	Assistance Commissioner, F - South Ward Office, Municipal Corporation of Greater Mumbai, India
Expertise	Disaster Control and Mitigation Measures for Local Wards in Mumbai City
Presentation Title	Disaster Response to Landslide in Sub-urban Mumbai
<u>12.10 – 12.25</u>	
Presenter	<u>Shanti Lal JAIN</u>
Affiliation	Municipal Corporation of Greater Mumbai (MCGM)
Expertise	Earthquake Risks Management and Planning
Presentation Title	Role of Structural Engineers after Disaster
<u>11.25 – 13.00</u>	<u>Discussion</u>

13. 00 – 14.00 Lunch

Session 6 Part – 3	Technology Adaptation & Implementation Issues,
Chair	S.S.SHINDE
Date	Tuesday, 17th March
Time	14.00 – 15.15 hrs
<u>14.00 – 14.15</u>	
Presenter	<u>Sambhaji GHAGH</u>
Affiliation	Project Officer, Dharabi Slum Development Division, G-North Ward Office, Municipal Corporation of Greater Mumbai
Expertise	Strom- water Drainage Management
Presentation Title	(Yet toMention)
<u>14.15 – 14.30</u>	
Presenter	<u>Sriniwas KILJE</u>
Affiliation	Assistant Engineer, Environment Department, G-North Ward Office, Municipal Corporation of Greater Mumbai, India
Expertise	Flood Risk Mitigation and Management
Presentation Title	Drainage and Sanitation Management of Mumbai during the Flood
<u>14.30 – 14.45</u>	
Presenter	<u>Seema REDKAR</u>
Affiliation	Officer in Special Duty, Solid Waste Management Department, Phertain Ward, Municipal Corporation of Greater Mumbai
Expertise	Community Participation at Local Level
Presentation Title	(Yet to Mention)

<u>14.45 – 15.15</u>	<u>Discussion</u>
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15. 15 – 15.30	Coffee/Tea Break
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Session – 7	Technology Adaptation Tools
Chair	Yasuhiro HAYASHI
Date	Tuesday, 17th March
Time:	15.30– 17.15hrs

<u>15.30 – 15.45</u>	
Presenter	<u>Michinori HATAYAMA</u>
Affiliation	Associate Professor, Disaster Prevention Research Institute, Kyoto University
Expertise	Information Science, Spatial Temporal GIS
Presentation Title	Integrated Flood Risk Communication Support System

<u>15.45– 16.15</u>	
Presenter	<u>Mamoru YOSHIDA</u>
Affiliation	Assistant Professor, Graduate School of Engineering, Kyoto University and Global COE project on Human Security Engineering for Asian Mega Cities, Kyoto University, Japan
Expertise	Risk Governance, Institutional Design
Presentation Title	Coalition-proof Inspection System in Building Construction

<u>16.15 – 16.30</u>	
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Presenter	<u>Yoshikazu ARAKI</u>
Affiliation	Associate Professor, Department of Architecture and Architectural Engineering, Graduate School of Engineering, Kyoto University, Japan
Expertise	Structural Engineering, Structural Optimization
Presentation Title	Seismic Retrofitting Strategies for Historic URM Buildings
<u>16.30–16.45</u>	
Presenter	<u>Sanjay PAREEK</u>
Affiliation	Associate Professor, Department of Architecture, College of Engineering, Nihon University, Japan
Expertise	Seismic Reinforcement of RC Structures by CFRP's Durability and Repair of RC Structures by Concrete-Polymer Composites
Presentation Title	A New CFRP for Flexural and Shear Strengthening of RC Beams
<u>16.45–17.15</u>	<u>Discussion</u>