

# 3<sup>rd</sup> International Workshop on Remote Sensing for Post-Disaster Response

*Keyaki-Kaikan Hall, Chiba University, Chiba, Japan*

## Program Schedule Monday, September 12<sup>th</sup>, 2005

<b>9:00 to 9:30 am</b>	<b>Registration</b>	
<b>9:30 to 10:00</b>	<b>Welcome and Introductions</b>	<i>Hiroshi Noguchi, Dean, Faculty of Eng., Chiba University</i> <i>Masanobu Shinozuka, University of California, Irvine/MCEER</i>
	<b>Workshop Objectives</b>	<i>Ronald T. Eguchi, ImageCat/EERI</i> <i>Fumio Yamazaki, Chiba University</i>
<b>10:00 to 10:45</b>	Application of Remote Sensing Technology in Natural Hazard Assessment - Examples from 2004 and 2005	<i>Masanobu Shinozuka, UCI</i>
<b>10:45 to 11:00</b>	<b>Break</b>	
<b>11:00 to 12:15</b>	The Need and Development for Dynamic Integrated GIS Enhancement and Support Tools (DIGEST) - The Geospatial Project Management Tool (GeoProMT)	<i>Chris S. Renschler, State University of New York at Buffalo</i>
	3D Seismic Hazard and Risk Maps for Earthquake Awareness of Citizens with Aids of GIS and Remote Sensing Technologies	<i>Saburoh Midorikawa, Tokyo Institute of Technology</i>
	Application of Landsat 5 and High-Resolution Optical Satellite Imagery to Investigate Urban Tsunami Damage	<i>Beverley J. Adams, ImageCat, UK</i>
<b>12:15 to 13:30</b>	<b>Lunch</b> (First floor restaurant)	
<b>13:30 to 14:45</b>	Post Tsunami Survey and Hazard Map Development in Sri Lanka	<i>Srikantha Herath, United Nations University</i>
	Remote sensing technology for Tsunami Disasters Along the Andaman Sea, Thailand	<i>Supapis Polngam, GISTDA, Thailand</i>
	Comparison of Earthquake Damage Evaluation using Change Detection and Thematic Classification	<i>Kyu-Seok Woo, University of Texas</i>
<b>14:45 to 15:00</b>	<b>Break</b>	
<b>15:00 to 15:50</b>	Estimation of Landform Classification Based on Land Use and Its Change - Use of Object-based Classification and Altitude Data -	<i>Shoichi Nakai, Chiba University</i>
	Deployment of VIEWS after Hurricane Katrina	<i>Charles K. Huyck, ImageCat</i>
<b>16:00 to 17:00</b>	<b>Technical Tour</b> to Center for Environmental Remote Sensing (CEReS), Chiba University	<a href="http://www.cr.chiba-u.jp/">http://www.cr.chiba-u.jp/</a>
<b>17:00 -</b>	<b>Back to Hotel SunGarden Chiba by Train</b>	<a href="http://www.gardenhotels.co.jp/chiba/index.html">http://www.gardenhotels.co.jp/chiba/index.html</a>
<b>18:30 - 20:30</b>	<b>Welcome Dinner</b> at Hotel SunGarden Chiba	<i>Hosted by Chiba University</i>

## Program Schedule Tuesday, September 13<sup>th</sup>, 2005

<b>9:00 to 9:15 am</b>	<b>Recap on Day 1</b>	<i>Ronald T. Eguchi, ImageCat Fumio Yamazaki, Chiba University</i>
<b>9:15 to 10:00</b>	Remote Sensing, GIS, and Modeling Technologies Enhance the Synergic Capability to Comprehend the Impact of Great Tsunami Disaster	<i>Shun'ichi Koshimura, Tohoku University Masasuke Takashima, Fuji-Tokoha University</i>
<b>10:00 to 10:25</b>	Geography, Disaster Recovery and Remote Sensing	<i>Arleen A. Hill, Memphis State University</i>
<b>10:25 to 10:45</b>	<b>Break</b>	
<b>10:45 to 12:00</b>	Evaluation of Tsunami Damage in the Eastern Part of Sri Lanka due to the 2004 Sumatra Earthquake Using High-Resolution Satellite Images  SAR Data Calibration by Urban Texture: Application for the Bam Earthquake using Envisat Satellite ASAR Data  Preliminary Results in Development of an Object- based Image Analysis Method for Earthquake Damage Assessment	<i>Hiroyuki Miura, Tokyo Institute of Technology  Babak Mansouri, UCI/ImageCat/MK Beton  T. Thuy Vu, EDM/NIED</i>
<b>12:00 to 13:00</b>	<b>Lunch</b> (First floor restaurant)	
<b>13:00 to 15:05</b>	Katrina's Fury: An Assessment of Environmental Data Fusion for Rapid Large Scale Hurricane Damage Assessment Using Moderate Resolution Imagery  Airborne and spaceborne images for earthquake damage detection of expressways and buildings  Infrastructure Inventory Compilation Using Single High Resolution Satellite Images  Characteristics of Remote Sensing Images for the 2004 Niigata-ken Chuetsu Earthquake  An urban Damage Scale based on Satellite and Airborne Imagery	<i>Richard Watson, Theresa R. Watson, Enrique L. Montano, and Crystal M. Krause, CREATE at the University of New Mexico  Yoshihisa Maruyama, Chiba University  Pooya Sarabandi, Stanford University  Masashi Matsuoka, EDM/NIED  Ronald T. Eguchi, ImageCat</i>
<b>15:05 to 15:20</b>	<b>Break</b>	
<b>15:20 to 16:30</b>	<b>Research Needs for Disaster Response – Group Discussion</b>	<i>Richard Watson, University of New Mexico</i>
<b>16:30 to 16:55</b>	<b>Workshop Resolutions</b>	<i>Ronald T. Eguchi and Fumio Yamazaki</i>
<b>16:55 to 17:00</b>	<b>Closure</b>	<i>Fumio Yamazaki and Masanobu Shinozuka</i>

How to get to Chiba University:  
[http://www.chiba-u.ac.jp/e/about/map\\_addr/index.html](http://www.chiba-u.ac.jp/e/about/map_addr/index.html)