

Global Mapping Forum 2003 in Okinawa



Day 1 Sat. July 12

10:00 Opening

Chair: Hiromichi Maruyama Geographical Survey Institute (GSI)
Greeting Hisakazu Oishi Vice-Minister for Engineering Affairs
Ministry of Land, Infrastructure and Transport (MLIT), Japan
Greeting Hirokazu Miyao Engineer General, Okinawa Prefectural Government
Greeting Takashi Morita Vice President, International Cartographic Association (ICA)

10:15 Keynote Lecture "Global Mapping: The Status and The Future"

D. R. Fraser Taylor Chairperson, ISCGM / Carleton University, Canada

10:45 Activity Report "Global Map Data Development by GSI"

Yoshihisa Hoshino Director General, GSI

11:15 Coffee/Tea Break

11:30 Special Lecture "Biodiversity and Maps in Okinawa"

Jiro Kondo Professor Emeritus, University of Tokyo

12:30 Lunch

14:00 Lecture

Chair Ryutaro Tateishi Chiba Univ.

1. "Global Map Contribution to the Development of a Regional SDI in the Americas"

Santiago Borrero-Mutis Chairperson, Cartographic Commission, PAIGH.

2. "Knowledge-Based Society and the Role of Global Mapping"

Milan Konecny Vice-President, International Cartographic Association

3. "Promotion of Global Mapping Partnership"

Hiromichi Maruyama Director of Geographic Dept., GSI

15:00 Coffee/Tea Break

15:30 Panel Discussion "Application of Global Map towards solving water problems"

Chair Toru Nagayama MLIT

Flood in Prague

Milan Konecny Vice-President, ICA

Comparison of Global DEM Data for Hydrological Analysis of Mekong Basin

Srikantha Herath Senior Academic Programme Officer, UNU

Concept of Global Flood Alert System and its relationship to Global Map

Ryosuke Kikuchi Infrastructure Development Institute-Japan

The use of GIS in the management of the Mekong River Basin

17:00 Adjourn

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Day 2 Sun. July 13

9:30 Session 1 Development of Global Geographic Information

Chair Peter Holland Geoscience Australia

1. **"Introduction of Digital Asia Network (DAN)"**
Ryuzo Yokoyama Asian Institute of Technology
2. **"Development of Database System for Earth Environmental Data"**
Noritsugu Kimura NTT Data Corporation
3. **"Euro-Global Map"**
Heri Ursin National Land Survey, Finland
4. **"Global Spatial Data Infrastructure: At the Crossroads, Moving Forward"**
Alan R. Stevens Federal Geographic Data Committee
5. **"Digital Earth: The status and the challenges "**
Timothy Foresman International Center for Remote Sensing Education

11:00 Coffee/Tea Break

11:15 Session 2 Development of Global Geographic Information by Remote Sensing

Chair Shin-ichi Sobue National Space Development Agency (NASDA)

1. **"Mapping and Monitoring Coastal Erosion in Red River Delta, Vietnam, and a Contribution from Remote Sensing Data"**
Tran Van Dien Hai Phong Institute of Oceanography, Vietnam
2. **"Contribution to Global Map by Japanese Mapping Satellite-ALOS"**
Yuji Osawa NASDA
3. **"Naïve Euclidean Approach to Classification of Satellite Images"**
Tony Y. T. Chan Univ. of Aizu
4. **"Forest Monitoring Prototype System using Web Mapping Technology"**
Shinobu Kawahito Remote Sensing Technology Center of Japan (RESTEC)
5. **"Global Land Monitoring by ADEOS-2 GLI"**
Hirokazu Yamamoto NASDA

12:45 Lunch

14:00 Session 3 Application to Human Activity, Disaster Prevention and Environment

Chair Shinya Tsuru UN Univ.

1. **"Mapping and Disaster Management in India"**
Alok Gupta National Centre for Disaster Management, New Delhi
2. **"Real Estate Market GIS Analysis as Space Value"**
Takashi Iwaba RITS Reserch Institute
3. **"A Global Modeling for Agriculture Land Use Change"**
Guoxin Tan Univ. of Tokyo
4. **"Estimation on Regional Intensity of Economic Activity in Asia:
An application of Nocturnal Light Image by DMSP/OLS"**
Toshiaki Ichinose National Institute of Environmental Studies
5. **"Evaluation of Potential Energy Loss with Dam Construction in Laos"**
Koshi Yoshida National Institute of Rural Engineering
6. **"Medical Information GIS collaborated by medical facilities about list of inpatients"**
Hiroyuki Kimura Kobe Univ.

15:45 Coffee/Tea Break

16:00 Session 4 Distribution of Geographical Information in the IT Era

Chair Hayato Miyagi Univ. of the Ryukyus

1. **"Digital Asia - Open platform and its technical application"**
Hiromichi Fukui Keio Univ.
2. **"Summary of Open GIS Consortium"**
Kenji Hiraishi NEC Aerospace System, Ltd.
3. **"GIS Based Dynamic Vehicle Routing System using Real Road Networks"**
Shahid Uz Zaman Univ. of the Ryukyus
4. **"Potential of Open Source Software for Development and Maintenance of Global Datasets"**
Venkatesh Raghavan Osaka City Univ.

17:15 Adjourn

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Day 3 Mon. July 14

9:30 Session 5 "Geographic Database in the Countries"

Chair Hiroshi Masaharu GSI

1. **"Establishment of Spatial Data Infrastructure in the Region of Millennium Road of Mongolia"**
Sandag Uranbileg Mongolian Tourism Board, Mongolian Government Implementing Agency
2. **"Building of Australian Topographic Geodatabase"**
Geoff Lawford Geosciences Australia
3. **"National Geographic Information Infrastructure in Nepal for Strengthening Planning and Resource Management"**
R. R. Chhatkuli National Geographic Information Infrastructure Programme in Nepal
4. **"Development and Application of Global Mapping Data in Brazil "**
Luiz Paulo Souto Fortes Brazilian Institute of Geography and Statistics
5. **"The Relevance of Up-to-date Digital Maps in the Realization of NEPAD Objectives on Infrastructure"**
Adeboye Lawal M. Federal Survey Department, Nigeria

11:00 Coffee/Tea Break

11:15 Closing Session "In the Future Plan of the Global Mapping Project"

Chair D. R. Fraser Taylor Chairperson of ISCGM
Panelist Santiago Borrero-Mutis PAIGH
Alan R. Stevens Federal Geographic Data Committee
Heli Ursin National Land Survey, Finland
Haggai Nyapola Survey of Kenya
Hiromichi Maruyama GSI

12:30 Closing