

NEWSLETTER GLOBAL MAPPING 26

Greetings from the New Chairperson of ISCGM

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It is a pleasure and an honour to assume the Chairmanship of the International Steering Committee for Global Mapping. The first Chairperson of ISCGM, Professor John E. Estes was a man of integrity and vision and he will be sadly missed. In preparing this message I re-read with interest his initial address in the Report of the First Meeting of ISCGM in Tsukuba, Japan in February 1996 and was struck by his eloquence and passion about global environmental issues.

As we approach the Johannesburg Summit in August the significance and importance of the environmental issues which Professor Estes discussed have never been greater. In facing these challenges the importance of geographical foundation data, of which Global Mapping is a central facet, cannot be over-stated. Chapter 40 of the Agenda 21 document describes the requirements in a comprehensive manner but although progress has been made a great deal still remains to be done. Progress has also been very uneven in spatial terms and in many part of the world, often where needs are greatest, the resources and expertise required have been far from adequate to meet the challenges facing

society. In addition the environmental problems of poverty have received less attention than the environmental problems of surplus.

Geospatial data, of which Global Mapping is a central component, have a key role to play in providing a framework for the organization of data in both the physical and human environment and the important interface between them.

Of equal importance is the development of both the human and social capital required to effectively utilize geospatial data in the challenges of socio-economic development. The technologies of geographic information processing are largely those of industrial and post-industrial societies but they have a potentially great contribution to make in the developing world. If this potential is to be more fully realized the development of indigenous capacity must be accelerated. People cannot be "developed". They can only develop themselves.

One of the great strengths of ISCGM lies in the scores of nations and regions which subscribe to its central goals and the enthusiasm and expertise of the many individuals involved. This bodes well for the future of an initiative in which I am proud to play a part. With the help of the membership, a dedicated ISCGM secretariat, the support of the Government of Japan and the goodwill of many international organizations, Global Mapping can help turn the potential of geographic information processing into an increasingly valuable reality.

**“Global Mapping” has been included
in the “World Implementation Document” of WSSD**

Hiroshi Masaharu, ISCGM Secretariat



The Fourth Preparatory Committee Meeting (PrepCom4) for World Summit on Sustainable Development (WSSD) was held in Bali, Indonesia from May 24 to June 7. PrepCom4 is the final meeting before the Summit and included Ministerial level session held from June 5 to 7. The aim of the meeting was to finalize the text of World Implementation Document that should be adopted at the Summit as agreements among all the nations participating in the Summit and will be the most important document describing the implementation plan to realize sustainable development. The meeting also aimed at preparing the elements of the Political Declaration that will be made by the heads of nations at the Summit.

ISCGM members participated in PrepCom4 and made efforts to give publicity to the importance of Global Mapping. As a result, the words “global mapping” was included in the draft text of the World Implementation Document in the following way (http://www.johannesburgsummit.org/html/documents/prepcom4docs/bali_documents/draft_plan_1206.pdf). Although PrepCom4 could not reach agreement for the whole text of the World Implementation Document, these paragraphs concerning global mapping and geographic information are agreed text

except for an editorial phrase.

114. Promote the development and wider use of earth observation technologies, including satellite remote sensing, **global mapping** and geographic information systems to collect quality data on environmental impacts, land use and land-use changes, [including through actions at all levels to:] [with action to:]

(a) [Agreed] Strengthen cooperation and coordination among global observing systems and research programmes for integrated global observations, taking into account the need for building capacity and sharing of data from ground-based observations, satellite remote sensing and other sources among all countries;

(b) [Agreed] Develop information systems that make the sharing of valuable data possible, including the active exchange of Earth observation data.

(c) [Agreed] Encourage initiatives and partnerships for **global mapping**.

115. [Agreed] Support countries, particularly developing countries, in their national efforts to:

(a) [Agreed] Collect data that are accurate, long-term, consistent and reliable;

(b) [Agreed] Use satellite and remote-sensing technologies for data collection and further improvement of ground-based observations;

(c) [Agreed] Access, explore and use geographic information by utilizing the technologies of satellite remote sensing, satellite global positioning, mapping and geographic information systems.

The ISCGM held a side event of “International Partnership on Global Mapping and Earth Observation Initiative for Sustainable Development” on

June 7 at the PrepCom4 venue. The event started with the keynote speech by H. E. Mr. Shizuo Sato, Senior Vice-Minister for Land, Infrastructure and Transport, Japan entitled “Global Mapping for Sustainable Development and International Partnerships.” Then seven panelists, most of them are ISCGM members, gave presentations about use of Global Maps and international and regional partnerships regarding Global Mapping. The panelists and their title of presentations are as follows.

“The Advanced Land Observing Satellite (ALOS) and Contribution to Global Mapping”

Mr. Takashi Hamazaki,
Deputy Project Manager, ALOS Project,
National Space Development Agency of
Japan

“Global Map for Flood Forecasting and Monitoring in Bangladesh”

Brigadier General A H M Shahidullah
Surveyor General of Bangladesh

“Global Map Applications in a Developing Country”

Mr. Derek Clarke,
Chief Director, Surveys and Mapping,
South Africa

“Sustainable Development and Information Society: The Role of Geographic Information”

Dr. Milan Konecny
Vice-President of ICA
Associate Professor of Masaryk University,
Czech Republic

“Decision Making for Sustainable Development: The Need for Accessible Core Data in Latin America and the Contribution of Global Mapping”

Mr. Santiago Borrero-Mutis
Director General, Agustin Codazzi Geo-
graphic Institute (IGAC), Colombia

“SDI Development, African Action”

Mr. Haggai Nyapola
Director of Surveys, Survey of Kenya

“Regional Cooperation on Global Mapping in Asia and Europe”

Mr. Minoru Akiyama
Secretary General, ISCGM

These presentations were followed by active discussions among participants and panelists. Topics included needs of data users and relationships and partnerships with other initiatives such as Africover.

In the interactive dialogue of the Ministerial Session, H. E. Mr. Sato raised the importance of global environmental problems as key issues to existence of humankind and noted Global Mapping initiative as an important contribution to these issues.

These efforts and activities through the preparatory process of WSSD resulted in the inclusion of the words “global mapping” into the draft World Implementation Document. We are grateful to all the people and countries that supported Global Mapping, especially to the panelists of the Global Mapping side event who came a long way to Bali.

With this successful result of PrepCom4, ISCGM plans to hold events in the Johannesburg Summit to further promote and give awareness and publicity to Global Mapping.



Global Map Data Released

Data Released: Panama on March 28th

Status of Participation in Global Mapping

EuroGeographics' Participation in the Global Mapping

EuroGeographics has been a member organization of the Global Mapping Project and their data development under the EuroGlobalMap Project is currently ongoing. To date, we have prepared a list of Global Mapping participating countries in a country-specific way in which the name of the countries that have joined the project through the EuroGeographics were not reflected. As a result of an e-mail discussion between Dr. Nick Land, Executive Director of the EuroGeographics and Mr. Minoru Akiyama, Secretary General of the ISCGM, it came to the conclusion on June 20th that a category of "EuroGeographics members participating through EuroGlobalMap" is to be set up in the Global Map participating countries and we are pleased to introduce them on the following page.

Status of participation in Global Mapping

As of June 25, 2002

Number of countries/regions participating in Global Mapping

117 countries/regions

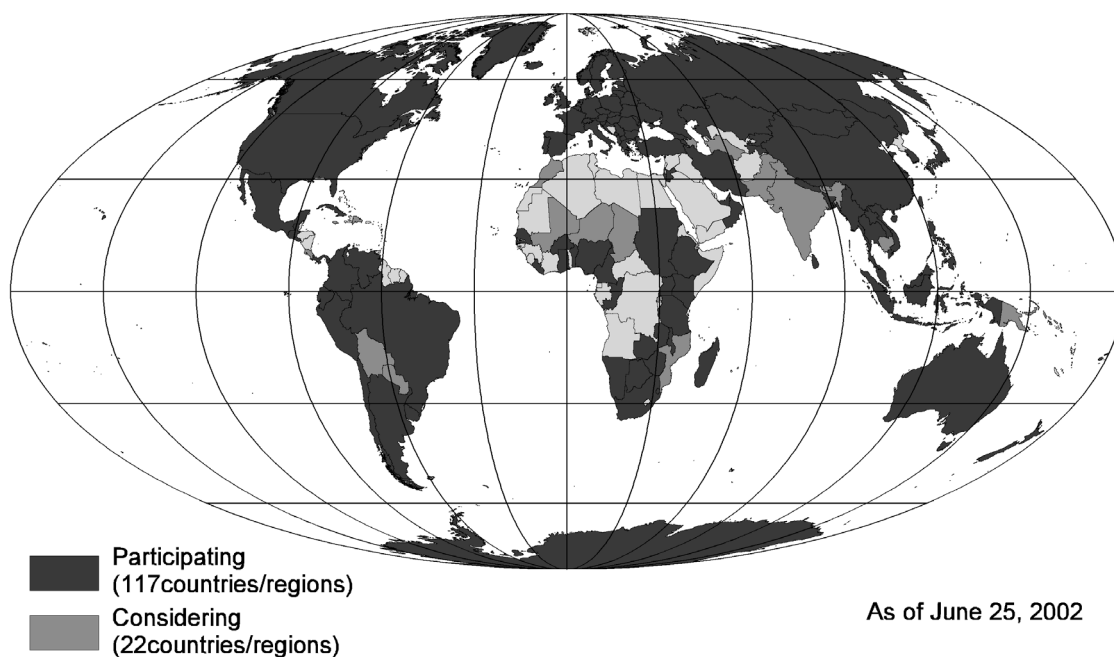
Number of countries/regions considering the participation

22 countries/regions

Recent participation in Global Mapping

Name of organization	Country name	Date of participation
Head Office of Geodesy and Cartography	Poland	23 April 2002
Agence Beninoise Pour l'Environnement Institut Geographique National	Benin	19 June 2002

Current Participation in Global Mapping Project



Participating
 (117 countries/regions)
 Considering
 (22 countries/regions)

EuroGeographics members participating through EuroGlobalMap

Country name	Name of organization
ALBANIA	Institut Studimit Tokave
ARMENIA	State Committee of the Real Property cadastre (SCC) of the Government of the Republic of Armenia
AUSTRIA	Federal Office of Metrology and Surveying - (BEV)
* BELARUS	The State Committee on Land Resources Geodesy and Cartography
BELGIUM	National Geographic Institute - Belgium
BULGARIA	Ministry of Regional Development and Public Works
CROATIA	State Geodetic Administration of the Republic of Croatia - (DGU)
* CYPRUS	Cyprus Department of Lands and Surveys - (DLS)
CZECH REPUBLIC	Czech Office for Surveying, Mapping and Cadastre
DENMARK	National Survey and Cadastre - Denmark - (KMS)
ESTONIA	Estonian National Land Board
FINLAND	National Land Survey of Finland - (MML)
FINLAND	Finnish Geodetic Institute
FRANCE	National Geographic Institute - France - (IGN-F)
* GERMANY	Federal Agency for Cartography and Geodesy - (BKG) Working Committee of the Surveying Authorities of the States of the Federal Republic of Germany (AdV)
GREAT BRITAIN	Ordnance Survey - (OS)
* GREECE	Hellenic Mapping & Cadastral Organisation (HEMCO)
GREECE	Hellenic Military Geographical Service - (HMGS)
* HUNGARY	Institute of Geodesy, Cartography and Remote Sensing - (FOMI)
ICELAND	National Land Survey of Iceland - (LMI)
IRELAND	Ordnance Survey Ireland - (OSI)
* ITALY	Italian Military Geographic Institute - (IGM)
* LATVIA	State Land Service of the Republic of Latvia
* LITHUANIA	National Land Survey under the Ministry of Agriculture
LUXEMBOURG	Administration du Cadastre et de la Topographie
* MOLDOVA	State Agency for Land Relations and Cadastre of the Republic of Moldova
NORTHERN IRELAND	Ordnance Survey of Northern Ireland - (OSNI)
NORWAY	Norwegian Mapping Authority - (SK)
* POLAND	Department of Cadastre, Geodesy and Cartography
* PORTUGAL	Portuguese Institute of Cartography and Cadastre - (IPCC)
* ROMANIA	National Office of Cadastre, Geodesy and Cartography
* RUSSIA	Federal Service of Geodesy and Cartography of Russia - (Roskartografia)
SLOVAKIA	Geodesy, Cartography and Cadastre Authority of the Slovak Republic - (UGKK)
* SLOVENIA	Surveying and Mapping Authority of the Republic of Slovenia - (GURS)
SPAIN	National Geographic Institute of Spain - (CNIG)
SWEDEN	National Land Survey of Sweden - (NLS)
SWITZERLAND	Federal Office of Topography - (BLT)
THE NETHERLANDS	Topographical Service of the Netherlands - (TDN)
TURKEY	Ministry of National Defense, General Command of Mapping - (GCM)
* UKRAINE	State Service of Geodesy, Cartography and Cadastre
YUGOSLAVIA	(no record)

* Country also directly participating in the Global Mapping

The Global Map/GSDI Grant Program

Karen D. Kline, Assistant Secretary General, ISCGM

The Global Map/GSDI grant program was launched at the 2001 Global Spatial Data Infrastructure meeting in Cartagena, Colombia, on May 23, 2001 in memory of John E. "Jack" Estes, a visionary whose ideals are embodied in the Global Map and GSDI programs and who was the Chair of ISCGM.

ESRI is underwriting the program with a comprehensive package of software, training, and support worth more than \$5,000,000 (U.S.). It is anticipated that approximately 100 grants valued at \$50,000 (U.S.) each will be awarded to support the building of national spatial data sets and national spatial data infrastructures (NSDI) in countries around the world. The program will also promote the sharing of geospatial data to expand the GSDI movement. As of May 31st, 2002, eighty-five grants have been awarded to National mapping agencies or appropriate ministries throughout the

world.

The Grant Components are:

- One copy of the ArcGIS system, which includes one copy of ArcInfo 8, ArcSDE 8 - ArcSDE server and 5 connection licenses, ArcIMS - ArcIMS standard edition and one CPU, one copy of ArcGIS Production Line Tool Set (PLTS).
- Software Maintenance (technical support and upgrades) and training consisting of five Virtual campus courses and \$5000 credit towards The Building and Publishing a National Basemap training.

For more information, please visit the grant website at <http://www.esri.com/gsd> or contact Ms. Claudia Ruiz at cruiz@esri.com.

Global Map and Related Meetings

Followings are Global Map and related meetings. Information on related meetings will be highly appreciated.

2002

- **6 August - 5 September, Nairobi, Kenya**
JICA GIS Technical Seminars
- **19 - 23 August, Nairobi, Kenya**
Global Mapping Seminar in Nairobi
- **26 August-4 September,**
Johannesburg, South Africa
World Summit on Sustainable Development
- **16-19 September, Budapest, Hungary**
6th GSDI Conference
- **20 September, Budapest, Hungary**
9th Meeting of ISCGM
- **29 September - 30 October, Montreal, Canada**
CODATA 2002 Conference
- **October or November, the Philippines**
PCGIAP Executive Board Meeting

- **14-15 November, Gyeongju, Rep. of Korea**
15th ISO/TC211 Plenary

2003

- **22-23 May, Switzerland**
16th ISO/TC211 Plenary
- **12-13 July, Okinawa, Japan**
Global Mapping Forum 2003 in Okinawa
- **20-27 July, Cambridge, U. K.**
Cambridge Conference
- **28 July, Cambridge, U. K. (tentative)**
10th Meeting of ISCGM
- **10-16 August, Durban, South Africa**
21st International Cartographic Conference
- **October or November, Germany**
17th ISO/TC211 Plenary

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