

# GLOBAL MAPPING NEWSLETTER 17

## The Seventh Meeting of the International Steering Committee for Global Mapping



The Seventh Meeting of the International Steering Committee for Global Mapping (ISCGM-7) was held on 16 March 2000, just after the Fourth GSDI Conference, at Hotel President, Cape Town, South Africa. The meeting was hosted by the Department of Lands and Surveys, South Africa.

In order to encourage more countries to participate in Global Mapping project, the meeting was set open to out of ISCGM members. Fifty-six persons from 29 countries participated in the meeting.

At the beginning of the meeting, Prof. John E. Estes was reelected as Chairperson of the Committee. Mr. Peter Holland of AUSLIG, Australia was appointed as Vice Chairperson replacing Dato' Majid of Malaysia who will retire from Governmental service in coming May. Mr. M. Akiyama and Dr. H. Murakami were reappointed as Secretary General and Assistant Secretary General respectively. Dr. Milan Konecny, Vice President of the International Cartographic Association, was introduced as a new advisor replacing Prof. Michael Wood. New members introduced were Mr. Haggai Nyapola of Kenya who replaced Mr. A. K. Njuki, and Mr. Derek Clarke of South Africa who was hosting the meeting. New observers introduced were Mr. David McKeller, Canada, National Defense, and Mr. Mike Clarke representing CEOS.

The year 2000 is considered as the target year of Phase I of Global Mapping program. It was reported that Global Map version 1.0 was likely to be developed by November 2000 and commemorative Forum was planned to be held from 28-30

November 2000 in Hiroshima, Japan. Urgency of decision-making on data policy issue and phase II strategy were recognized. In this regard, current working groups were reorganized for more practical and active execution. Working group 1 on strategic plan headed by Dr. Bob O'Neil of Canada was asked to work on the strategic plan for Phase II and expected to report either at the Global Mapping Forum in Hiroshima in November 2000 or at the 8th meeting in May 2001. The member was also reviewed and reorganized. Activity of working group 2 on specification headed by Mr. Alan Swift of Australia was suspended and an expert group responsible for maintenance of the specifications will be formed mainly comprising of current WG members. Working group 3 on data policy headed by Mr. Claude Luzet of MEGRIN was asked to work on legal standing for commercial use of Global Map version 1.0. Members were reorganized to comprise regional representatives. Besides, an industry working group in advisory capacity comprising of industry representatives as ex officio manner was suggested to be formed while formal decision will be made at the 8th meeting. The group is expected to input industrial requirement on data policy, specifications, etc., which can be reflected in Global Map framework.

New collaboration with UN Cartographic Section and its UN Geographic Database Project was established to avoid duplication of efforts and to exchange information.

The 8th meeting will be held in Cartagena, Colombia on 25 May 2001 in conjunction with the 5th GSDI meeting hosted by IGAC Colombia.

## **Report on the Fourth Global Spatial Data Infrastructure Conference Cape Town, South Africa**

The Fourth Global Spatial Data Infrastructure Conference (GSDI 4) was held in Cape Town, South Africa from 13 to 15 March 2000. The conference was organised by the Chief Directorate of Surveys and Mapping, the national mapping organisation of South Africa. The conference attracted some 181 delegates from 38 countries. The support for this conference was very encouraging, taking into account that the previous GSDI conferences had averaged between 60 and 100 delegates. This good attendance could be ascribed to both the vigorous marketing of the conference by the secretary of the GSDI Steering Committee and to the beautiful location of the conference.

Cape Town was selected as the venue for GSDI 4 specifically to encourage the involvement of African countries in GSDI. This was a success with 14 African countries being represented by 102 delegates (of which 76 were from South Africa). The theme of the conference was also selected specifically because of the conference being held in Africa for the first time, namely "Engaging Emerging Economies".

The technical programme was ably put together by the team led by Dave Coleman of Canada and David Robertson of Australia. The response to the call for papers (a first for GSDI) was the starting place for an excellent programme. The conference started with a review of the 'business' of GSDI with the work of the working groups being reported on as well as the report on the scoping study into the business case for SDI. This was followed by a keynote presentation by Prof Harlan Onsrud updating delegates on the status of national SDI's around the world and challenging the thinking around issues of legality of data and sharing of data. This was responded to by a perspective on SDI activities in Africa.

The second day was devoted to 23 papers covering technical strategies and considerations, directions, policies and institutional issues and case studies. The SDI Cookbook (SDI implementation guide) presented during these sessions was most enlightening for all and was an indica-

tion of the progress being made by GSDI. The important relationship between GSDI, Global Map and the Digital Earth was also debated. Building GSDI on top of local, national and regional SDIs was further elaborated upon.

The third morning was dedicated to SDI Africa, with speakers sharing information about datasets in Africa supporting regional studies and more importantly the question as to whether Africa was ready for spatial data infrastructures. All delegates had one question in mind: Could a regional SDI with relevant data have lessened the suffering and devastation caused by the recent flooding of Mozambique and the interior areas?

The final presentation was presented by Mr Jacobsen, Ambassador for Colombia in South Africa, who read the message from Mr Juan Mayr-Maldonado, Minister of the Environment, Colombia and the Chairman of the United Nations Commission for Sustainable Development, who had to withdraw from the conference at the last moment.

The GSDI Steering Committee met on two occasions during the conference, under the chairmanship of Peter Holland, of Australia, to discuss business and also to prepare the findings and resolutions of the conference, which were presented at the closing session. These findings and resolution, as well as the conference papers can be viewed on the GSDI web-site ( / / w w w . g s d i . o r g ) .

All the delegates no doubt enjoyed the beauty of Cape Town and its surrounds during their stay. This was helped along with two organised social events. On the Monday evening was the Conference Dinner, which was held in the Castle. Delegates were entertained by a thought provoking speech by Jack Pellici, of Oracle Corporation. On Tuesday evening the planned Sundowner on top of the majestic Table Mountain has to be cancelled due to weather conditions. This was replaced by a cosy sundowner in a 'boma' at a private game farm just outside Cape Town. With delegates from so many countries enjoying each other's rich companionship, the

United Nations must have been envious.

GSDI will be taken forward to its next conference under the chairmanship of Derek Clarke, of South Africa, and vice-chairmanship of Santiago Borrero, of Colombia. The GSDI 5 Conference

will be held in Cartagena, Colombia in May 2001.

Derek Clarke  
Chair : GSDI  
Dclarke@sli.wcape.gov.za

## First Announcement and Call for Papers Global Mapping Forum 2000 in Hiroshima

### Introduction

Global Map Version 1.0 is being developed toward the year of 2000. Commemorating the successful completion of phase one of the Global Mapping Initiative and further promoting future development and application, the Global Mapping Forum 2000 will be held. Objectives of the forum are to enhance usage of Global Map through presentations of various users of Global Map, to communicate among developers and users, and to understand recent technologies. It is also expected to review requirements of second phase datasets and to prepare a report on needs and activities of GM.

### Date and Venue

- Date: November 28 - 30, 2000
- Venue: International Conference Center Hiroshima  
Hiroshima city, Japan

### Organizers

GSI, ISCGM, and others

### Forum Topics

It is planned that the forum consists of keynote address, invited papers and panel discussion as well as applied papers for oral and poster presentations. The major

topics of the forum will be "*Application to Global Change Research*," "*Application to Disaster and Risk Management*," "*New technologies*" and "*Global Map in future and International Cooperation*."

### Schedule

- First announcement and call for papers:  
March 2000
- Distribution of sample data to researchers on request:  
April - June 2000
- Submission of abstract except invited papers:  
By August 31, 2000
- Acceptance of application of papers:  
By September 15, 2000
- Submission of full papers:  
By October 31, 2000

### Accommodation

Official Hotel: Rihga Royal Hotel Hiroshima

<http://www.rihga.co.jp>

6-78 Motomachi, Naka-ku, Hiroshima-shi,  
730- 0011 Japan

Tel: +81-82-502-1121

Fax: +81-82-228-5401

15 minutes walk from the hotel to the  
conference hall

Please contact the Secretariat of ISCGM for booking.

## Invitation of Sample Data Users

ISCGM will distribute provisional Global Map (GM) gratis to researchers in the world. If you want to use GM for the researches, please inform your name, address, etc. Please fill out the table on the next page and submit to the Secretariat. We will accept the application from April to June.

Researchers have an obligation to submit interim reports on their researches to the ISCGM secretariat in a form such as posters by September 2000 and final reports in papers by March 2001. The posters must be presented at "Global Mapping Forum 2000" which will be held in Japan in November 2000.

### Application Form

NAME OF RESEARCHER(S):		
NAME OF ORGANIZATION:		
ADDRESS:		
TELEPHONE:	FAX:	E-MAIL:
RESEARCH THEME:		
DISTRICT of GM you use:		
OTHERS:		

Note: For the time being, data of the Global Map of the Philippines and Japan can be provided.

### Global Map and Related Meetings

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

#### 2000

- **27-31 March, Cape Town, South Africa**  
28th International Symposium on Remote Sensing of Environment
- **11-14 April, Kuala Lumpur, Malaysia**  
15th UNRCCAP
- **16-23 July, Amsterdam, Netherlands**  
19th ISPRS Congress
- **7-8 September, Reston, USA**  
11th Plenary Meeting of ISO/TC211
- **26 November, Hiroshima, Japan**  
PCGIAP Executive Board Meeting

- **28-30 November, Hiroshima, Japan**  
Global Mapping Forum 2000

#### 2001

- **8-9 March, Lisbon, Portugal**  
12th Plenary Meeting of ISO/TC211
- **22-24 May, Cartagena, Colombia**  
5th GSDI Meeting
- **25 May, Cartagena, Colombia**  
8th Meeting of ISCGM

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# Participating (as of March 17, 2000)

Country, Region	Organization
American Samoa	Survey and Land Information Division
Antarctica	SCAR Working Group on Geodesy and Geographic Information
Argentina	Secretaría de Recursos Naturales y Desarrollo Sustentable - Dirección de Recursos Forestales Nativos
Australia	Australian Surveying & Land Information Group
Baham	Survey Directorate, Ministry of Housing, Municipalities & Environment
Bangladesh	Survey of Bangladesh
Belarus	State Committee for Land Resources, Geodesy and Cartography
Bermuda	Ministry of Works & Engineering, Bermuda Government
Botswana	Department of Survey and Mapping
Brazil	Instituto Brasileiro de Geografia e Estatística (IBGE)
Brunei	Survey Department
Burkina Faso	Institut Géographique du Burkina
Cameroon	Institut National de Cartographie
Canada	Natural Resources Canada
Cayman Islands	Lands & Survey Department
China	State Bureau of Surveying and Mapping
Colombia	Instituto Geográfico Agustín Codazzi
Cyprus	Department of Lands and Surveys
Ecuador	Instituto Geográfico Militar
Ethiopia	Ethiopian Mapping Authority, Ministry of Planning and Economic Department
Fiji	Ministry of Lands & Mineral Resources
Georgia	The State Department of Geodesy and Cartography
Germany	Bundesamt für Kartographie und Geodäsie
Ghana	Survey Department Ghana
Greece	Hellenic Mapping and Cadastral Organization
Guatemala	Instituto Geográfico Nacional "Ingeniero Alfred Obols Gómez"
Hong Kong, China	Lands Department, the Government of the Hong Kong Special Administrative Region of China
Hungary	Department of Lands and Mapping, Ministry of Agriculture and Regional Development
Indonesia	National Atlas Centre, BAKOSURTANAL
Iran	National Cartographic Center (NCC)
Israel	Survey of Israel
Italy	Italian Geographic Military Institute
Japan	Geographical Survey Institute
Jordan	Royal Jordan Geographic Center
Kazakhstan	Scientific Technical Enterprise of Digital Cartography and GIS, The Committee for Management of Land Resources, Ministry of Agriculture STE "Kartinform"
Kenya	Survey of Kenya
Kiribati	Land Management Division
Kyrgyz	State Service of Cartography and Geodesy of Kyrgyz Republic
Lao P D R.	National Geographic Department
Liberia	Liberian Cartographic Service, Ministry of Lands, Mines and Energy
Macao, China	Direcção dos Serviços de Cartografia e Cadastro do Governo da Região Administrativa Especial de Macau
Madagascar	Institut Géographique et Hydrographique
Malawi	Survey Department, Ministry of Lands, Housing, Physical Planning and Surveys
Malaysia	Department of Survey and Mapping, Malaysia
Maldives	Ministry of Construction and Public Works
Malta	Mapping Unit Planning Authority
Mexico	Instituto Nacional de Estadística Geografía e Informática
Moldova	National Agency of Cadastre, Land Resources and Geodesy
Mongolia	State Administration of Geodesy and Cartography Mongolia
Myanmar	Survey Department
Namibia	Directorate of Survey and Mapping, Ministry of Lands, Resettlement and Rehabilitation
Nepal	Survey Department
Netherlands Antilles	Cadastral Service
New Zealand	Land Information New Zealand
Nigeria	Federal Ministry of Works & Housing, Federal Surveys Department Headquarters
Oman	National Survey Authority
Panama	National Geographical Institute
Peru	National Geographic Institute

Country, Region	Organization
Philippines	National Mapping and Resource Information Authority
Portugal	Direcção-Geral do Ambiente Ministério do Ambiente / Instituto Portugues de Cartografia e Cadastro
Romania	The National Office of Cadastre, Geodesy and Cartography / Institute of Geography, Romania Academy
Republic of Korea	National Geographic Institute
Singapore	Mapping Unit, Ministry of Defence
Slovenia	Geodetska Uprava Republike Slovenije
South Africa	Surveys and Mapping
Sri Lanka	Survey Department of Sri Lanka
Sudan	Sudan Survey Department
Swaziland	Surveyor General's Department
Tajikistan	Ta'iklajgeodesija
Tanzania	Survey and Mapping Division
Thailand	Royal Thai Survey Department
Ukraine	Main Administration of Geodesy, Cartography and Cadastre
Uruguay	Servicio Geográfico Militar
USA	U.S. Geological Survey
Venezuela	Servicio Autonomo de Geografía y Cartografía Nacional
Vietnam	General Department of Land Administration
Zimbabwe	Department of the Surveyor General

## Considering (as of March 17, 2000)

Country, Region	Organization
Ascension Island	Office of Administrator
South Atlantic	
Austria	Bundesamt für Eich und Vermessungswesen
Belgium	Institut Géographique National
Bhutan	Survey of Bhutan
Bulgaria	Ministry of Regional Development and Construction
Cambodia	Geography Department
Chile	Instituto Geográfico
Croatia	Državna Geodetska Uprava
Cuba	Oficina Nacional de Hidrografía y Geodesia
Czech Republic	Český úřad zeměměřičský a katastrální
Denmark	Kort & Matrikelsyrelsen
Estonia	Estonian National Land Board
Finland	Maanmittauslaitos
France	Institut Géographique National
Iceland	Landmælingar Islands
India	Survey of India
Ireland	Office na Suinteireachta Ordnaí
Lithuania	State Land Service of the Republic of Latvia
Luxembourg	Vakstbint geodezijos ir Kartografijos tarnyba
Niger	Administration du Cadastre et de la Topographie
Northern Ireland	Institut Géographique National du Niger
Norway	Ordnance Survey of Northern Ireland
Norway	Statens Kartverk
Pakistan	Survey of Pakistan
Papua New Guinea	National Mapping Bureau
Poland	Główny Urząd Geodezji i Kartografii
Russia	Federal Service of Geodesy & Cartography of Russia
Slovakia	Úrad geodézie, kartografie a katastra Slovenskej republiky
Spain	Centro Nacional de Información Geográfica
Sweden	Landmateriet
Switzerland	Bundesamt für Landestopographie
The Netherlands	Topografische Dienst Nederland
Turkmenistan	Turkmenistan State Committee on Geodesy, Cartography and Cadastre
Turkey	Mili Savunma Bakanlığı, Harita Genel Komutanlığı
United Kingdom	Ordnance Survey
Zambia	Survey Department

# Current Participation in Global Mapping Project

