



# NEWSLETTER

GLOBAL MAPPING

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## Release of Global Map Pakistan Version 2

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Survey of Pakistan (SOP), which emerged as successor to pre-partition Royal Survey of India, is a National Surveying and Mapping Organization of the country. It is primarily responsible for all sorts of topographical land surveys of the entire country. The basic products include map sheets on scale 1:50,000 and 1:250,000. The department is actively participating in the national development projects and thus fulfilling the ever growing surveying and mapping demands of various government, semi-government and autonomous bodies. The geodetic data prepared and maintained by the department is matchless in its accuracy and use. Over the past years, the department has taken a mile stone turn by gradually switching over to surveying and mapping using modern techniques, methods and equipment. This resulted in the outstanding capability of using and manipulating topographical data to develop wide range of applications including Geographic Information System.

### **Pakistan Global Map version 2**

Secretariat of International Steering Committee for Global Mapping (ISCGM) is promoting geospatial coordination among many countries of the world to enable sharing, exchange and dissemination of geospatial information. And Pakistan is part of the list of countries participating in Global Mapping. The first dataset of Global Map Pakistan was released on April 14, 2008. To continue with the participation, ISCGM has released Global Map Pakistan version 2. It is a joint effort of Survey of Pakistan and ISCGM.

As one of the special characteristic of geospatial information is that it can be shared and used for many other purposes than the one, for which, it was originally produced. Therefore, data of Pakistan Global Map version 2 may be used in the fields such as transportation, environment, natural resources, agriculture, telecommunications, mapping, health, emergency services, homeland security and research etc under the conditions cited in the data policy statement shown in the download page of the ISCGM website: <http://www.iscgm.org/gmd/download>.

The dataset of Pakistan Global Map version 2 consists of not only generic vector layers but metadata of the vector layers as well. The availability of metadata helps end user to decide fitness of the data for the intended use as well as application development. The vector data was validated using Global Map Data Check software (GMDC) whereas Global Map Metadata Editor was benefited from for the editing of metadata. Both software tools were provided free of cost to Survey of Pakistan by ISCGM. Hence ISCGM is facilitating Survey of Pakistan to make its datasets discoverable as well as publish and also equipping the department with necessary geospatial technologies that is the true concept of Global Spatial Data Infrastructure (GSDI).



**19th United Nations Regional Cartographic Conference for Asia and the Pacific (UNRCC-AP)  
18th Meeting of Permanent Committee on GIS Infrastructure for Asia  
and the Pacific (PCGIAP) and 1st Meeting of UN-GGIM-AP**

***Kazushige Kawase  
Director, International Affairs Div., Planning Dpt., GSI***



*UNRCC-AP venue*

19th United Nations Regional Cartographic Conference for Asia and the Pacific (UNRCC-AP) was held at the United Nations Conference Centre in Bangkok, Thailand from October 29 to November 1, 2012.

The Conference brought together approximately 130 delegates from geospatial information authorities and others of 36 countries and organizations. Mr. Greg Scott, Inter-Regional Advisor, Global Geospatial Information Management (GGIM), UN Statistics Division declared the opening of the conference followed by speeches of Prof. Paul Cheung, Director, UN Statistics Division and GGIM Secretariat, and H.E. Group Captain Anudith Nakornthap, Minister of Information and Communication Technology, Kingdom of Thailand.

Following the opening remarks and subsequent formalities, Dr. Li Pengde, Deputy Director General, National Administration of Surveying, Mapping and Geoinformation (NASG), China was elected as President, Mr. Yoshikazu Fukushima, Director-General of Geocartographic Department, Geospatial Information Authority of Japan (GSI) and Datuk Prof. Sr Dr. Abdul Kadir Bin Taib, Director General, Department of Survey and Mapping, Malaysia (JUPEM) as Vice Presidents, and Dr. Cho Woosug, Senior Advisor, National Geographic Information Institute (NGII) and Professor, Inha University, Republic of Korea as Rapporteur.

As for organizational matters, establishment of I) “Geodetic reference framework for sustainable development”, II) “Data sharing and integration for disaster management” and III) “Place-based



*Prof. Cheung (left)  
H.E. Group Captain Anudith Nakornthap (center)*

information management for economic growth” was adopted as technical committees (TCs) and a parallel session by each TC took place. At the session, activities for the next three years were discussed and statement to be included in minutes were drafted.

At the plenary, resolutions on the following items were adopted:

1. Geodetic framework
2. Data sharing and integration for disaster management
3. Acquisition and maintenance of place-based information
4. Smart services for the delivery of geospatial information
5. Capability to deliver and use geospatial information
6. Usefulness and benefits of geospatial information
7. Shared statement of ethical principles
8. Coordination between regional and global initiatives on geospatial information management, and
9. 20th UNRCC-AP



*Mr. Fukushima, as Session Chair*



*Participants of 1st Meeting of UN-GGIM-AP*

Following the 19th UNRCC-AP, 18th Meeting of Permanent Committee on GIS Infrastructure for Asia and the Pacific (PCGIAP) was convened with the participation of approximately 50 people from about 20 countries.

In the meeting agenda, rules were amended where it was agreed that the name “PCGIAP” was changed to Regional Committee of United Nations Global Geospatial Information Management for Asia and the Pacific (“UN-GGIM-AP”). As board members for the next three years, China (Dr. Li Pengde, Deputy Director General, NASG) as President, Republic of Korea (Mr. Im Joobin, President, NGII) as Vice President, and Japan (Dr. Hiroshi Murakami, Director-General of Planning Department, GSI) as Secretariat were elected.

Working Groups (WGs) corresponding to TCs which were adopted to establish at the 19th UNRCC-AP were set up with the chair and vice chairs of each WG as follows:

- WG 1 Chair: Australia  
Vice Chair: Japan, China, Republic of Korea and Iran
- WG 2 Chair: Iran  
Vice Chair: Indonesia, China and New Zealand
- WG 3 Chair: China  
Vice Chair: Malaysia and Australia

As a result of the above action, it was adopted that each WG’s action plan for the next three years was requested to each WG Chair to be submitted within one month.

First UN-GGIM-AP Board Meeting was scheduled to take place in Chengdu, China in the latter half of April, 2013 and Second Meeting of UN-GGIM-AP will be in Tehran, Iran from October 28 to 30, 2013.

As its secretariat, Japan has created a website (URL: <http://www.gsi.go.jp/un-ggim-ap/>) and releases statute, rules, and a list of executive members and WG members as well as conference document of the 1st Meeting.

Contents of the website will be updated in keeping with the activities of the committee.



## From the Secretariat

### Version 2 of GLCNMO (Global Land Cover by National Mapping Organizations) and PTC (Percent Tree Cover)

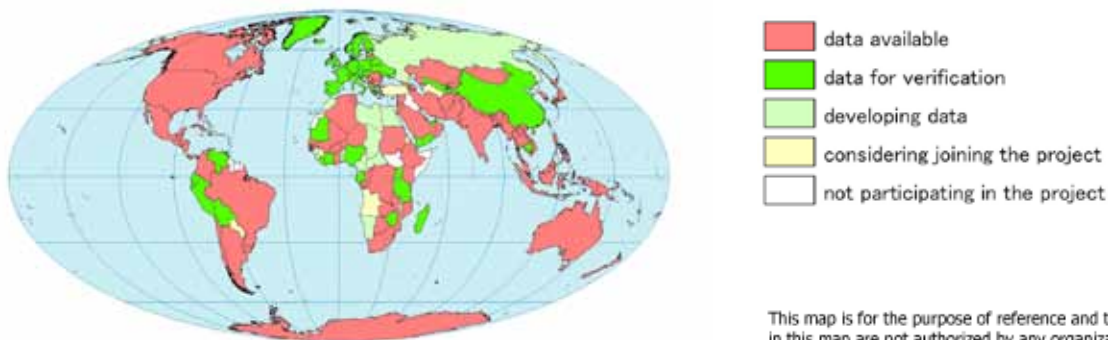
Currently, ISCGM WG4 chaired by Professor Ryutaro Tateishi, Chiba University and the secretariat of ISCGM have been developing Global Land Cover (GLCNMO) and Percent Tree Cover (PTC) Version 2 data in cooperation with National Mapping Organizations (NMOs) of respective countries around the world.

Version 1 data released in 2008 was created from Terra MODIS imagery in 1km resolution in 2003. Creation of Version 2 data is underway by using the imagery of the same satellite in 500m resolution in 2008. The Version 2 data will enable a more detailed understanding of forest, cropland, urban, etc. Currently, prototype versions of these data are being verified by NMOs of respective countries. On the basis of the verification results, the data are scheduled to be released in the middle of 2013.

### Global Map Data Release and Participation in the Global Mapping Project

Since the last issue of the newsletter on September 25, 2012, Global Map Version 2 data for seven countries have been released: Azerbaijan, Bahrain, Bangladesh, Botswana, Brunei Darussalam, Latvia and Malaysia.

Currently 166 countries/16 regions participate in the Project. Among them, data of 76 countries/5 regions have been released (Version 2 data are for 19 countries/1 region.).



This map is for the purpose of reference and the boundaries in this map are not authorized by any organizations.

## Global Map and Related Meetings

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

### 2013

- **4-6 February, Doha, Qatar**  
Second High Level Forum on Global Geospatial Information Management
- **Latter half of April, Cheugdu, China**  
First UN-GGIM-AP Board Meeting
- **July 21-24 Cambridge, U.K.**  
Cambridge Conference 2013
- **July 24-26 Cambridge, U.K.**  
UNCE-GGIM Third Session
- **October 28-30, Tehran, Iran**  
Second Meeting of UN-GGIM-AP



The Newsletter is distributed as information paper on Global Mapping to more than 1,200 people of NMOs, Global Map data users and other interested people of the world. Your contribution of articles, requests for subscription and provision of relevant information will be very much appreciated.

Articles published on this newsletter are not edited and reflect the view of the authors.

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