



GLOBAL MAPPING NEWSLETTER 57

Global Map Presentation at the Fourth GEOSS Asia-Pacific Symposium

Shuhei Kojima
Secretariat of ISCGM



The Fourth GEOSS Asia-Pacific Symposium was held at Sanur Paradise Plaza Hotel and Suites in Bali, Indonesia from 10 – 12 March 2010. More than 200 people participated in the symposium from governments and scientific institutions of the world, in which participants who are mainly government officials and researchers discussed and reported on their activities in various fields, such as water resources management, disasters, climate change and biodiversities of the countries in Asia and the Pacific Region.

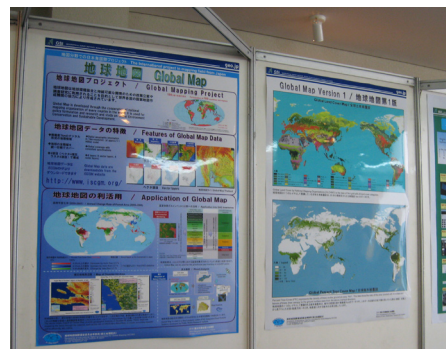
In order to promote the application of Global Map in these fields, Shuhei Kojima (the author) of Environmental Geography Division, Geographic Department participated in the symposium from Geographical Survey Institute which serves as the secretariat of International Steering Committee for Global Mapping (ISCGM). The author presented on the Global Mapping project, exhibited a poster and introduced the Global Map, and exchanged opinions and views with relevant people.

At the Plenary Session on March 10th, activities of respective countries were reported, and on the following day, in-depth activity reports and discussions were done in four parallel sessions. At the “Hydrometeorological-Related Disaster and Water Resources Management” Session, the author presented a paper on “Utilization of Global Map for Societal Benefit Areas.” At the presentation, the author explained about the outline of

the Global Mapping project, and introduced a map of projected future change of precipitation superimposed on the Global Map; application in Integrated Flood Analysis system (IFAS); and a map which shows the relation between population density, annual precipitation and Percent Tree Cover, as examples of application of Global Map in the relevant fields. In addition, at the Japanese booth within the venue to present posters, the author exhibited posters to introduce the outline of Global Mapping project and Global Map Version 1-Global Version (Land Cover and Percent Tree Cover),



Presentation



Poster exhibit

and gave an explanation to the visitors.

There were a lot of researches and reports related to the activities of a global scale in which application of Global Map is expected. The author received positive comments and opinions from the symposium participants on the Global Mapping project and the data utilization, and felt how significant the role of Global Map and its data utilizations are. It is needed to enhance cooperation and coordination with these organizations and researchers, and to further promote the Global Mapping project.

The Sixth Plenary Session of the Group on Earth Observations (GEO)

Jay Donnelly

Managing Editor, nationalatlas.gov

U. S. Geological Survey



The sixth plenary session of the Group on Earth Observations (GEO) was held November 17-18, 2009, in Washington, DC. Decisions and actions of the International Steering Committee for Global Mapping foster the use of Global Map in GEO societal benefit areas such as disasters, human health, agriculture, biodiversity and water supply. A number of related conferences and workshops occurred that week including a two-day business meeting of the User Interface Committee. This committee focuses on user engagement and increasing participation in GEO. A status report on Global Map accomplishments in 2009 was delivered to committee members and guests. The presentation focused on the participatory use of questionnaires, meetings, and workshops that resulted in Global Map Specification Version 2.

The plenary session drew more than 300 delegates from 80 member and participating organizations. The agenda of this formal business meeting concentrated on organizational issues and descriptions of significant accomplishments since work on the Global

Earth Observation System of Systems (GEOSS) began. Austria, Madagascar, Malta, and Guinea were welcomed as new members while the International Society for Digital Earth and the International Union of Geological Sciences were recognized as new participating organizations. There were notable presentations on several GEOSS efforts including the new forest carbon tracking portal, the global carbon monitoring system, and the GEO Biodiversity Observation Network. Within the context of the current three year GEOSS work plan, there were brief presentations highlighting new products and services. Among these were: the release of a new global elevation data set (ASTER) and the online release of the LANDSAT historical archive; the Global Seismograph Network; and the One Geology Portal.



The Global Map exhibit was one of more than 30 displayed at the plenary session and program literature on data and applications was provided. Global Map is one of more than 200 components now registered in GEOSS.

GEO's seventh plenary session is scheduled for November 3-5, 2010, in Beijing.

Collaboration on Map Creation between Asian Highway and Global Mapping Project

Geographical Survey Institute (Secretariat of ISCGM)

Asian Highway 50th Anniversary Seminar was held in Tokyo on 18-19 February 2010 organized by Ministry of Land, Infrastructure, Transport and Tourism, Japan and the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP). The seminar was attended by about 200 people from governments in and out of Japan as well as local governments of Japan, private companies, etc.

Asian Highway Project was advocated in 1959 by member countries of the United Nations Economic Commission for Asia and the Far East (present UNESCAP) for the development and improvement of international road network to promote the trade, tourism, economic and social development in the region. At present, 32 Asian countries participate in the project.

For this seminar, GSI created maps by overlaying route information of Asian Highway over Global Map with the cooperation from UNESCAP and other relevant organizations. These maps, which give information on the relation between traffic volume of each route of Asian Highway and geographical distribution of cities, among other information, can



Presentation by Hidenori Yoshikane
Deputy Director General of GSI
(Former JICA expert to UNESCAP)

be used for policy formulation and other purposes in the development of Asian Highway. These maps were distributed to all the participants of the seminar for their reference. One of the maps was displayed at the venue in A0 size format. They drew interest of many participants.



Global Map presentation

Development of a Web Browsing System for Facilitating the Application of Global Map

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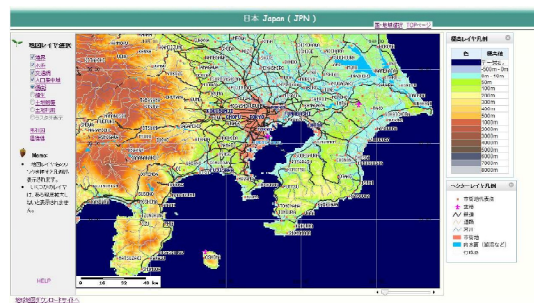
In order to facilitate the application of Global Map, Ministry of Land, Infrastructure, Transport and Tourism (MLIT) of Japan has been developing a Web browsing system for Global Map in FY2009. This system will be made available in 2010, and can be accessed through the top page of “Share the Global Map” Project.

The Global Map Web browsing system can display Global Map data by using a Web browser. In addition to browsing raster data of global Land Cover and Vegetation (Percent Tree Cover), four layers of vector data: administrative boundary, drainage, transportation and population centers, of a few countries can be superimposed and displayed for respective regions as sample countries, on one arbitrary layer out of four kinds of raster data: Elevation, Vegetation, Land cover and Land use.



Example of display:
Land Cover raster data (under development)

As examples of the application of Global Map data, a few instances were developed, in which geographic information other than Global Map was superimposed on Global Map. Information such as routes of Asian Highway and paths of typhoons can be superimposed and displayed on Global Map. Improvement of the site will be made in such a way as to consider introducing more examples of use related to decision-making.



Example of display: Around Tokyo (under development)

It is expected that the application of Global Map will be further enhanced by the release of this system, which can make more people understand what the Global Map data are and how to utilize the data.

Web site of the “Share the Global Map” Project
<http://www.globalmap.org/english/>

From the Secretariat

Change in English Appellation of Geographical Survey Institute

Effective from **April 1, 2010**, the English appellation of Geographical Survey Institute that serves as the secretariat of ISCGM will be changed as follows:

Present: Geographical Survey Institute (GSI)

New: **Geospatial Information Authority of Japan (GSI)**

The abbreviated form GSI remains unchanged. There are no changes in the Japanese name and the entity of the organization, postal address, phone number, e-mail address, etc. When using Global Map, please take note that the data source should be indicated correctly in the product.

For further information on this change, please refer to the following site of GSI:

<http://www.gsi.go.jp/ENGLISH/index.html>

We would be grateful for your continued cooperation with us for the Global Mapping project.

Global Map Data Release and Participation in the Global Mapping Project

As of March 25, 2010, 164 countries/16 regions participate in the Global Mapping Project. Among them, data of 71 countries/4 regions have been released.

Global Map and Related Meetings

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

2010

- **11 - 16 April, Sydney, Australia**
XXIV FIG International Congress 2010
- **27-28 May, Southampton, United Kingdom**
ISO/TC211 30th Plenary
- **22-25 June, Krakow, Poland**
INSPIRE Conference 2010
- **22-23 July, Honolulu, Hawaii, USA**
IGARSS 2010
- **19-22 October, Singapore**
16th PCGIAP Meeting

- **19-22 October, Singapore**
GSDI 12
- **October, Singapore**
17th Meeting of ISCGM (tbd)
- **3-5 November, China**
GEO-VII
- **9-10 December, Canberra, Australia**
ISO/TC211 31st Plenary

2011

- **3 - 8 July, Paris, France**
XXV International Cartography Conference (ICC2011)



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 of subscription and provision of relevant information will be very much appreciated.

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