



GLOBAL MAPPING NewsLetter

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Report on the Third Plenary of UN-GGIM-AP

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The third plenary of UN-GGIM-AP* was held in Bali, Indonesia from 10 to 12, November 2014. The meeting brought together 81 people from 15 countries and six international organizations. International Steering Committee for Global Mapping (ISCGM) reported on future plans of hazard maps web platform, data catalogue web site and release of its new web site. At the plenary, resolutions on the activities of three Working Groups (WGs) were adopted, and presentations on two themes were made by countries. Resolution on each WG is as follows:

- Geodetic field (WG1): To support the adoption of a United Nations General Assembly Resolution on the Global Geodetic Reference Frame (GGRF) and to urge contribution to expanding geodetic network of Asia and the Pacific Geodetic Reference Frame (APREF)
- Disaster management field (WG2): To urge designing and implementing a regional Geoportal
- Place-base information field (WG3): To cooperate with International Society for Photogrammetry and Remote Sensing (ISPRS) to organize a special session in 2016 ISPRS Congress
- Disaster prevention and land management fields: To urge strengthening cooperation with liaison organizations, e.g., UNESCAP, UN-Habitat and ISCGM

At thematic presentation session, nine countries in total spoke on the efforts of National Geospatial Information Authority (NGIA) of each country with the themes of disaster management and capacity building. Further, a workshop on land management co-organized by International Federation of Surveyors (FIG) and United Nations Human Settlements Programme (UN-Habitat) took place. On a technical tour, the participants visited a CORS (Continuously Operating Reference Station) established at the southern tip of Bali Island.

All meeting documents are available from the web site of UN-GGIM-AP (<http://www.un-ggim-ap.org/>).

Next year, twentieth meeting of triennial UN-RCC-AP** will be held in Jeju Island, Republic of Korea from 6 to 9, October 2015. In conjunction with this meeting, the next plenary of UN-GGIM-AP is scheduled.



Meeting participants and a UAV used to take a group photo

*UN-GGIM-AP: the Regional Committee of United Nations Global Geospatial Information Management for Asia and the Pacific, consisting of members which are NGIAs of 56 countries in Asia and the Pacific Region, with the secretariat served by GSI

**UNRCC-AP: United Nations Regional Cartographic Conference for Asia and the Pacific, with the first meeting held in 1955, and the secretariat served by UN Statistics Division

Reports on the Third High Level Forum on UN Global Geospatial Information Management

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Hiroshi Une

The Third High Level Forum on UN Global Geospatial Information Management (UN-GGIM) was held at the National Administration of Surveying and Geoinformation Headquarters in Beijing, China from 22 to 24 October 2014. The UN-GGIM High Level Forum brings together stakeholders in high levels of organizations, such as representatives from the UN Member States including minister and under-secretary levels, international organizations and the private sector to engage in comprehensive discussions on GGIM, started by its first meeting in Seoul in October 2011, and followed by the second one in Doha in February 2013.

The third forum was organized by the United Nations Statistics Division (GGIM Secretariat) and National Administration of Surveying and Geoinformation of China with the participation of approximately 260 people from 44 countries, nine UN organizations, and 27 bodies of the private sector. Making “Sustainable development and geospatial information” as the overall theme, five session themes shown below were set on the Post-2015 Development Agenda and the roles of geospatial information in major issues related to the current sustainable development, and keynote lecture and panel discussions were held.

1. “Geospatial Information for the post-2015 Development Agenda”

2. “Sustainable Cities and Human Settlements”
3. “Climate Change and Disaster Mitigation”
4. “Science, Technology, and Innovation to Measure and Monitor Progress”
5. “Working Together Across Borders and Regions”

Active discussions were held on the themes, such as what kinds of contributions can be made from geospatial information to sustainable development goals proposed by the United Nations; issues accompanied by rapid urbanization and roles of geospatial information; how to tackle with climate change and disasters; technological development related to big data and real time GIS, and activities for open data; and how organizations of national, regional and global levels collaborate. At Session 3 “Climate Change and Disaster Mitigation,” the author participated in as one of the panelists, presented on disaster mitigation activities of Japan and mentioned the issue that the GGIM community should address towards the Third UN World Conference on Disaster Risk Reduction (WCDRR) to be held in Sendai, Japan in March 2015 by referring that no mention was made to geospatial information in the zero-draft of Post HFA (Hyogo Framework of Action), and urged the forum participants to strongly appeal the roles and importance that geospatial information can play against disasters, to decision-makers and diplomats who will participate in the Third WCDRR, through bodies and organizations related to disaster response activities.

On the final day of the forum, “Beijing Declaration” was adopted. The Declaration included words which recommend use and application of geospatial information in climate change and disaster management through the opportunities of inputting to the Third UN WCDRR, etc.

The Brazilian Cartographic Base at 1:250.000

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There is a growing demand for geospatial information by the Brazilian society. To efficiently offer such information, Brazilian Institute of Geography and Statistics (IBGE) has been striving to improve the production of geospatial information in order to provide products that can be used in many different ways.

The Continuous Cartographic Base at 1:250,000 scale (BC250) project aims to provide society with a planimetric mapping of the entire Brazilian territory that is compatible with the accuracy requirements of the National Cartographic System (SCN, in Portuguese) and with the standards and regulations of the National Spatial Data Infrastructure (NSDI).

The Systematic Topographic Mapping of Brazil at 1:250,000 scale has 555 sheets, whose original data had differences in datum, level of generalization and modeling, as well as a lack of updating. The SIVAM project (Amazon Surveillance System) scanned and integrated the mapping of the Brazilian Legal Amazon, which refers to 307 sheets. IBGE

subsequently provided the entire coverage of the national territory, choosing to hire specialized companies to provide mapping services under the supervision of the institution and with the use of data obtained through partnerships.

From 2008, when the BC250 project began, to 2010, the mapping services were put out to tender and five companies were hired for the production. In the same process, a sixth company was contracted to develop technological solutions for the enhancing of BC250. The cartographic data generated correspond to the information on hydrography, transportation system, limits, locations, economic structure, communication, and water supply and sewage. This information was obtained by updating the existing mapping or through new mapping, using satellite images and data provided by partner agencies.

At the institutional level, efforts have focused on the supervision and quality control of the delivered products. Technicians at headquarters and decentralized units were involved in these activities. IBGE staff was sent to the field to conduct activities of location, identification, classification and element naming.

In 2013, the continuous base version was launched, available on the NSDI portal and, in 2014 the Permanent Update Program of the BC250 began.

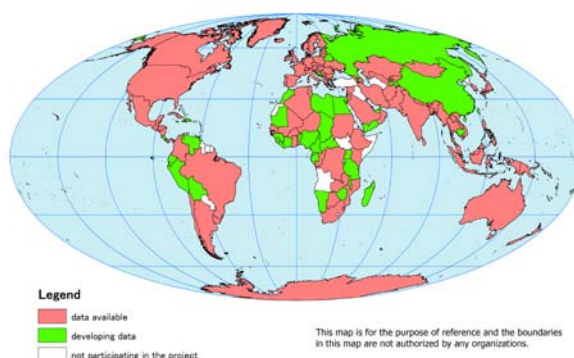
From the Secretariat

Meeting on Urban Hazard Maps Web Platform on March 13

In order to promote the use of geospatial information in disaster reduction field, ISCGM is currently constructing Urban Hazard Maps Web Platform (<http://www.iscgm.org/uhm/>) as a venue to refer to potential risks of disasters of major cities around the world. A meeting on Urban Hazard Maps Web Platform will be held in Sendai, Japan on Friday, March 13th, the day immediately before the Third United Nations World Conference on Disaster Risk Reduction to be held in Sendai. The secretariat of ISCGM will welcome your participation and look forward to receiving application to this meeting to be received at sec@iscgm.org. Program of the meeting, etc. will be posted to ISCGM Web site.

Global Map Data Release and Participation in the Global Mapping Project

Since the last issue of the newsletter on September 25, 2014, Global Map Version 2 data of Togo was released on October 17, 2014. Currently 167 countries/16 regions participate in the Project. Among them, data of 111 countries/8 regions have been released (Version 2 data are for 74 countries/4 regions).



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Global Map and Related Meetings

Followings are Global Map and related meetings.

2015

- March 14-18, Sendai, Japan
Third UN World Conference on Disaster Risk Reduction
- May 17-21, Sofia, Bulgaria
FIG Working Week 2015
- August 23-28, Rio de Janeiro, Brazil
27th International Cartographic Conference

- August, New York, USA
UNCE-GGIM Fifth Session
- October, Jeju Island, Republic of Korea
20th UN Regional Cartographic Conference for Asia and the Pacific (UNRCC-AP)
- October, Jeju Island, Republic of Korea
Fourth UN-GGIM-AP Plenary Meeting



The Newsletter is distributed as information paper on Global Mapping to more than 1,200 people of NGIAs, 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.

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