

20<sup>th</sup> United Nations Regional Cartographic Conference for Asia and the Pacific

# Report on the implementation of resolutions adopted at the 19<sup>th</sup> United Nations Regional Cartographic Conference for Asia and the Pacific

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UN-GGIM-AP

Regional Committee of United Nations  
Global Geospatial Information Management  
for Asia and the Pacific

[www.un-ggim-ap.org/](http://www.un-ggim-ap.org/)

# Resolution list of 19<sup>th</sup> UNRCC-AP

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 GI
5. Capability to deliver and use GI
6. Usefulness and benefits of GI
7. Shared statement of ethical principles
8. Coordination between regional and global initiatives on GI management

\*GI: geospatial information

Excerpts of Status of Action are shown from the next slide, based on E/CONF.104/8



# 1. Geodetic framework

- WG1 of UN-GGIM-AP has been closely involved in the development of UN General Assembly resolution on Global Geodetic Reference Frame (GGRF)
- Participants of FIG/UN-GGIM-AP technical session on GGRF at XXV FIG congress in 2014 issued UN-GGIM-AP/FIG statement on GGRF
- 4<sup>th</sup> UNGGIM adopted the draft GGRF resolution
- ECOSOC adopted the draft GGRF resolution
- Introduced by Fiji's permanent representative to the UN, draft GGRF resolution was adopted by the UN General Assembly in February 2015.



# 1. Geodetic framework (contd.)

- Asia Pacific Regional Geodetic Project (APRGP) campaigns were conducted in 2012, 2013 and 2014, with the results of analysis.
- Asia Pacific Regional Height System Unification (APRHSU) project was created and started its work
- Regional workshops aimed at geodetic capacity building
  - Reference Frame in Practice Symposium in Manila, 2013
  - FIG Pacific SIDS Symposium in Suva, 2013
  - UN-GGIM-AP/FIG/IAG/UN-ICG Session in Kuala Lumpur, 2014
  - UN-GGIM-AP, FIG SPC meeting in 2014
  - Vertical Reference Seminar in Singapore in 2015



## 2. Data-sharing and integration for disaster management

- UN-GGIM-AP and related organizations investigated disaster management geo-portals (DM-GP) at the national and regional levels: disaster Information Networks, existing DM-GPs, case studies
- UN-GGIM-AP and related organizations designed the architecture of DM-GP including standards and specification and service composition, and developed sample web services and DM-GP
- UN-GGIM-AP and related organizations evaluated DM-GP at national level, implemented DM-GP for three member countries, evaluated DM-GP at sub-regional level and planned the development and implementation of the DM-GP at AP region



# 3. Acquisition and maintenance of place-based information

- Australia is undertaking Lidar acquisition
- Australia and Indonesia use volunteered GI for disaster reduction
- Malaysia introduces UAV for rapid imagery acquisition
- Member countries supported ISPRS/UNGGIM questionnaire on place-based information management
- The user requirement and investment return analysis of Australia has been done



## 4. Smart services for the delivery of GI

- A case study on web-based geo-data management and on-line services was conducted by China (NASG)
  - Standardization for dataset integration and easy access for users
  - Application development based on the services
- Australia has been developing the National Map to discover and visualize fundamental GI available under unrestricted licensing



# 5. Capability to deliver and use GI

- Support capacity building and advocacy
  - UN-GGIM-AP/FIG workshop at pacific SIDS Symposium (2013)
  - UN-GGIM-AP/FIG/IAG/UN-ICG Reference Frame in Practice –The Future (2014)
  - UN-GGIM-Session on GGRF and CORS (2014)
  - GSI/ISCGM Symposium on Application of Geospatial Technology in Urban Disaster Management (2015)
  - UN-GGIM-AP/ALAGaC International Workshop on NSDI and its applications(2015)
  - FIG/UN-GGIM-AP/IAG/ICG/SLA Technical Seminar on vertical reference frame in practice (2015)





## 5. Capability to deliver and use GI (contd.)

- International cooperation activities
  - A seminar for developing countries on the global web-based geo-information services was hosted in China. 37 participants were officials at director's level in NGIAs from Asia, Africa and South America.
  - Australia continues to assist in providing geodetic support to Pacific nations.
  - Australia and New Zealand provided hydrographic charting support to Pacific nations



## 6. Usefulness and benefits of GI

- 4<sup>th</sup> UNGGIM supported and endorsed International Map Year 2015-16, in 2014
- Map exhibition in conjunction with 5<sup>th</sup> UNGGIM session in 2015.
- International Map Year were proclaimed and organized by International Cartographic Association (ICA) in Rio de Janeiro in August 2015



## 7. Shared statement of ethical principles

- Started to work on the subject, based on 3<sup>rd</sup> UNGGIM discussion in 2013
- Continue consideration at 4<sup>th</sup> UNGGIM in 2014.
- UNGGIM at its 5<sup>th</sup> session adopted “the Statement of Shared Guiding Principle for GI management”, and encouraged member states to endorse and implement them.



## 8. Coordination between regional and global initiatives on GI management

- UN-GGIM-AP has contributed to UNGGIM activities mainly through the activities conducted by its working groups
- UN-GGIM-AP took a key role for preparation of a draft and for adoption of GGRF resolution
- UN-GGIM-AP activities assisted in the completion of investigation on the Status of Mapping in the World, jointly conducted by UN-GGIM and ISPRS



## 8. Coordination between regional and global initiatives on GI management (contd.)

- ISPRS TC IV Symposium in Suzhou in 2014
- Regional issues were reported to annual GGIM sessions and supported UN-GGIM knowledge portal.
- UN-GGIM-AP supported UN-GGIM activities: International WS on Integrating Geospatial and Statistical Information, Chengdu Forum on UN-GGIM, and the 2<sup>nd</sup> and 3<sup>rd</sup> High Level Forum on UN-GGIM



# *Thank you !*

For more details,  
please see document E/CONF.104/8

