

The Seventh UN-GGIM-AP Plenary Meeting Activity Report of Working Group 2 on Disaster Risk Management 2015-2018

Deqing, China
22 November, 2018

Chair : Mr. Toru Nagayama, Japan
Vice Chairs : Dr. Tang Xinming, China
Mr. Adi Rusmanto, Indonesia
Mr. Peyman Baktash, Iran
Ms. Munkhtsetseg Dalkhaa, Mongolia
Mr. Rob Deakin, New Zealand
Mr. John SF Fabic, Philippines



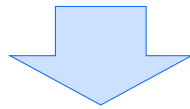
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Regional Committee of United Nations
Global Geospatial Information Management
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Introduction

**Resolutions adopted at the 20th UNRCC-AP,
Republic of Korea (October, 2015)**



**Working Group on Disaster Risk
Management (WG2) was established and
Work Plan of WG2 was decided based on the
Resolutions.**



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WG2 Officers

WG2 Chair

Mr. Toru Nagayama, Japan

WG2 Vice Chairs

Dr. Tang Xinming, China

Mr. Adi Rusmanto, Indonesia

Mr. Peyman Baktash, Iran

Ms. Munkhtsetseg Dalkhaa, Mongolia

Mr. Rob Deakin, New Zealand

Mr. John SF Fabric, Philippines



WG2 – Expected outcome

Expected outcome by 2030

NGIAs in Asia-Pacific region will implement necessary disaster risk reduction measures, required by SFDRR, by fully mobilizing their technical and administrative competency.

These measures will greatly contribute to reducing casualties and property loss by disasters in the region.

Expected outcome by the end of current WG2 (2015-2018)

Enhance the capability of NGIAs in contributing to disaster risk reduction through utilizing geospatial information, with a view to an effective implementation of SFDRR in Asia-Pacific region.

*SFDRR: Sendai Framework for Disaster Risk Reduction 2015-2030



Introduction

Summarized Work Plan of WG2 (2015-2018)

Work Item	Activities	Period	Output
1	Identify NGIAs' contribution areas for effective implementation of the SFDRR.	2015-2018	Contribution list
2	Investigate present and future roles of NGIAs through a questionnaire survey.	2015-2017	Survey report
3	Collect Best Practices (BP)	2015-2017	BP collection
4	Compile a guideline to help NGIAs promote geospatial activities for DRR.	2017-2018	Guideline
5	Coordination and cooperation with the UN-GGIM Working Group on disasters.	2015-2018	(enhanced coordination)
6	Encourage Member States to share earth observations infrastructure, technology and data resources.	2015-2018	(further sharing)



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Work Item No.1

Identifying NGIAs' contribution areas for SFDRR

Activity

Identifying of the potential areas for contribution of NGIAs through the use of geospatial information to the effective implementation of the SFDRR.

Results

- 2016:** WG2 presented the preliminary list of potential areas for contribution of NGIAs to SFDRR implementation at 5th Plenary.
- 2017:** Final draft list was presented and discussed at the WG2 meeting of the 6th Plenary and WG2 finalized "List of Identifying Geospatial Community contribution areas for Sendai Framework for Disaster Risk Reduction (SFDRR)" and published on the following UN-GGIM-AP website.

URL

- <http://www.un-ggim-ap.org/workinggroups/disaster/dblj/201612/P020161227366018769051.pdf>



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Questionnaire Survey

Activity

Investigation of the present roles of disaster management authorities and NGIAs and finding potential areas for extended roles of NGIAs and collaborations.

Results

2016: 14 out of the 56 member states of UN-GGIM-AP responded to the survey, and WG2 analyzed the responses to a questionnaire on the use of geospatial information for disaster management.

WG2 finalized the report to the 5th Plenary, and published them on the following website.

URL

- <http://www.un-ggim-ap.org/workinggroups/disaster/dblj/201612/P020161227366018769051.pdf>



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Best Practices

Activity

Collecting Best Practices on the use of geospatial information for disaster risk reduction in Asia-Pacific region.

Results

2016: First collection of 14 Best Practices from 10 countries was tabled at 5th Plenary.

2017: From February to April, WG2 called for additional submission of Best Practices.

As of October, total 18 Best Practices from 10 countries were summarized to the Final Collection and published on the following website.

URL (Final version of 18 Best Practices)

- <http://www.un-ggim-ap.org/workinggroups/disaster/dblj/201712/P020171220333800491269.pdf>



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Guidelines

Activity

Compiling a guideline to promote NGIAs to contribute through geospatial activities to the effective implementation of the SFDRR and the 2030 Agenda for Sustainable Development, based on the results of the activities of Work Items No.1 - No.3.



Guidelines

Results

2017: Started to work on this item, by examining the basic policy, scheme and outline in compiling the Guidelines since early 2017, and drafted the first version of the Guidelines in October.

The outcomes of the Special Session of the 6th Plenary were incorporated into the Guidelines.

2018: Furthermore, the comments made by the members of WG2 as well as UN-GGIM-AP' member NGIAs were incorporated into the Guidelines.

Finally presenting at 7th Plenary in November.



Work Item No.4

Guidelines for DRM

Contents of the Guidelines

- Chapter 1: Introduction
- Chapter 2: Roles of Geospatial Information Technology and NGIAs in DRM
- Chapter 3: NGIAs' measures before disasters
- Chapter 4: NGIAs' measures during disasters
- Chapter 5: NGIAs' measures after disasters

References

Guidelines for Disaster Risk Management Using Geospatial Information and Services



Eruption of Pinatubo Volcano (left) and Pinatubo Crater at normal time (upper and lower right)
Photos by: PHIVOLCS-DOST, the Philippines

Working Group on Disaster Risk Management (WG2),
Regional Committee of the United Nations
Global Geospatial Information Management
for Asia and the Pacific (UN-GGIM-AP)

November 2018



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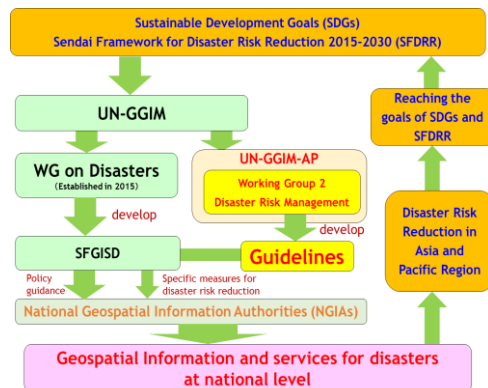
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Work Item No.5

Coordination and Cooperation with the UN-GGIM WG on Disasters

- WG2 shared the Final Report of Questionnaire and the Collection of Best Practices with UN-GGIM WG-Disasters.
- Representing UN-GGIM-AP, WG2 Chair made a presentation about the WG2 activities and its linkage to the SFGISD at the side event “Geospatial Information and Services for Disasters” of the 7th Session of UN-GGIM.



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Sharing earth observation infrastructure, technology and data resources

- At every reports of the Plenary Meetings and the Executive Board Meetings, WG2 invited Member States of the UN-GGIM-AP to voluntarily share the earth observation infrastructure, technology and data resources.



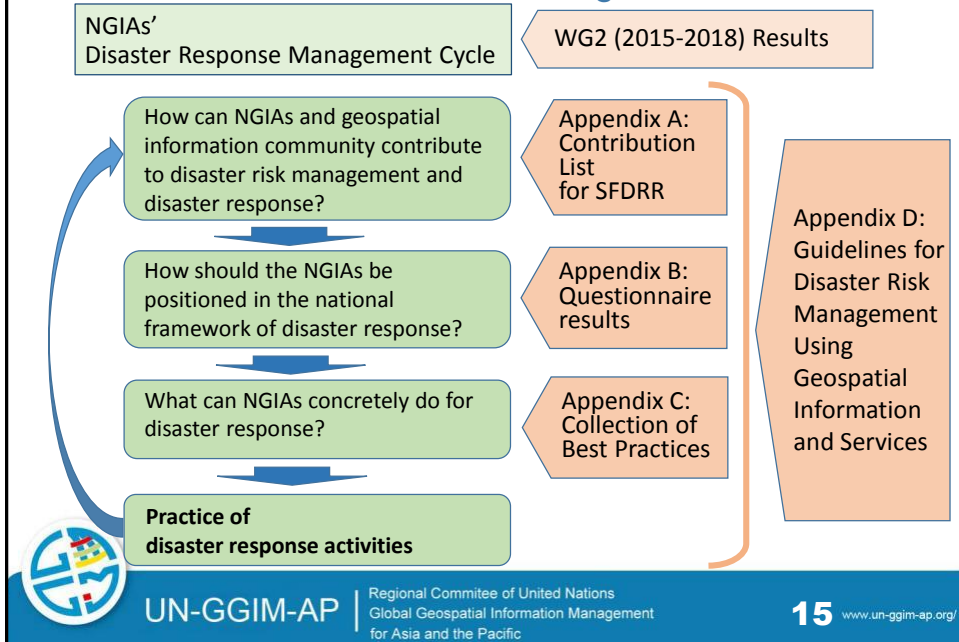
Summary of Activities

Work Item	Activities	Period	Output
1	Identify NGIAs' contribution areas for effective implementation of the SFDRR.	2011-2012	Completed (Contribution list)
2	Investigate present and future roles of NGIAs through a questionnaire survey.	2011-2012	Completed (Report)
3	Collect Best Practices (BP)	2011-2012	Completed (List)
4	Compile a guideline to help NGIAs promote geospatial activities for DRR.	2011-2012	Completed (Guideline)
5	Coordination and cooperation with the UN-GGIM Working Group on disasters.	2011-2012	Completed (enhanced Coordination)
6	Encourage Member States to share earth observations infrastructure, technology and data resources.	2011-2012	Completed (further sharing)



Summary

How NGIAs in Asia and Pacific Region use WG2 results



*Thank you
for your attention
&
Good Luck!*