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.
**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 Fabic, Philippines

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**Introduction**

**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*
**Summarized Work Plan of WG2 (2015-2018)**

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

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**Introduction**

**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**
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

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)
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.

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

Work Item No.5

Coordination and Cooperation with the UN-GGIM WG on 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.
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

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How NGIAs and geospatial information community contribute to disaster risk management and disaster response?

How should the NGIAs be positioned in the national framework of disaster response?

What can NGIAs concretely do for disaster response?

Practice of disaster response activities

Appendix A: Contribution List for SFDRR

Appendix B: Questionnaire results

Appendix C: Collection of Best Practices

Appendix D: Guidelines for Disaster Risk Management Using Geospatial Information and Services

Thank you for your attention & Good Luck!