Disaster Risk Reduction (DRR) WG

Foundational Task WG Update

18th GEO Programme Board Meeting
Agenda Item 3.1
Geneva, Switzerland
3 September 2020
DRR WG Progress

- Co-Chairs elected through online voting to lead three Subgroups
- Three Subgroups established
  - SG1: Coordination across the GEO Work Programme
  - SG2: UNDRR Coordination (Sendai Framework Monitoring & Global Assessments)
  - SG3: Climate Change, SDG, and Urban Activities Coordination
- DRR WG Kickoff meeting held in June, led by Steven Ramage
- Co-Chairs meeting and Deputy Chair meetings held in July
- Draft SG Work Plans developed, to be completed and combined early September
- DRR WG Meeting #2 to be scheduled 23 or 24 September, based on poll results
Governance

**Subgroup 1: Coordination across the GEO Work Programme**
Co-Chair: Dave Borges (NASA, United States)
Deputy Chairs: Godstime James (Africa), Fernando Belda (Spain), Tatiya Chuentragun (Thailand)

**Subgroup 2: UNDRR Coordination (Sendai Framework Monitoring & Global Assessments)**
Co-Chair: Janet Edwards (MSB, Sweden)
Deputy Chairs: John LaBrecque (United States), Aliyu Abdullahi (Africa)

**Subgroup 3: Climate Change, SDG, Urban Activities Coordination**
Co-Chair: Kene Onukwube (DEAR, Africa)
Deputy Chairs: Cheila Cullen (United States), Ramesh Singh (United States), Chulam Rhasul (Nepal)
## DRR WG Member Overview

### Number of Members by Working Group and Type of Organization

<table>
<thead>
<tr>
<th>Type of Organization</th>
<th>CapDev</th>
<th>Climate</th>
<th>DRR</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>Government ministries and agencies</td>
<td>23</td>
<td>41</td>
<td>48</td>
<td>19</td>
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<tr>
<td>Academic and research organizations</td>
<td>16</td>
<td>35</td>
<td>24</td>
<td>27</td>
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<tr>
<td>Commercial sector organizations</td>
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<td>9</td>
<td>5</td>
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<td>Intergovernmental organizations</td>
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<td>Non-governmental organizations</td>
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<td>7</td>
<td>4</td>
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<td><strong>Total</strong></td>
<td>53</td>
<td>95</td>
<td>90</td>
<td>64</td>
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</table>

Numbers include commercial sector nominees whose membership is pending Programme Board approval.

### Number of Members by Working Group and Gender (perceived)

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<tr>
<th>Gender</th>
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<th>Climate</th>
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<td><strong>Total</strong></td>
<td>53</td>
<td>95</td>
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</tbody>
</table>

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### Number of Members by Working Group and GEO Region

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<thead>
<tr>
<th>Region</th>
<th>CapDev</th>
<th>Climate</th>
<th>DRR</th>
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<tbody>
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<td>Africa</td>
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<tr>
<td>Americas</td>
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<td>Asia-Oceania</td>
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<td>7</td>
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<tr>
<td>Commonwealth of Independent States</td>
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<td>0</td>
<td>2</td>
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<td>Europe</td>
<td>15</td>
<td>31</td>
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<td>21</td>
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<tr>
<td><strong>Total</strong></td>
<td>53</td>
<td>95</td>
<td>90</td>
<td>64</td>
</tr>
</tbody>
</table>

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DRR WG Subgroup 1 Work Plan Highlights

- **Purpose**
  - Develop and implement a coherent and crosscutting approach within GEO to advance the use of Earth observations in support of countries’ disaster risk reduction and resilience efforts.
  - Highlight aspects of the Work Programme that are DRR related, and describe key elements and locations of each activity.
  - Promote, including through good practices and impact, sharing of data and knowledge to improve DRR.
  - Work with SG2 and SG3 to understand real requirements at national levels and communicate these requirements to relevant activities within GEO WP.
  - Promote awareness of relevant global policy frameworks across the WP, such as *UN-GGIM WG-Disasters Strategic Framework on Geospatial Information and Services*. 
DRR WG Subgroup 2 Work Plan Highlights

• Purpose
  • Leverage SG1 efforts and use combined resources of SG2 to promote the dissemination and use of Earth observations to strengthen capabilities to reduce disaster risk according to the needs of countries as identified by UNDRR.
  • Serve as primary GEO liaison to UNDRR
  • Increase the use of Earth observation data for achieving the Sendai Framework’s Global Target E, that is to substantially increase number of countries with national and local disaster risk reduction strategies.
  • Showcase how Earth observation data can complement data governments already have to assess risk and risk trends over time.
  • Showcase how Earth observations can be used to describe and visualize vulnerability and exposure.
DRR WG Subgroup 3 Work Plan Highlights

- **Purpose**
  - Leverage SG1 efforts to provide an overview of links, and actionable opportunities, between disaster risk reduction, climate change, SDGs and urban activities.
  - Serve as primary link to CC-WG, SDG and Urban related activities.
  - Document an end-to-end approach of the impacts and linkages of climate change on disaster risk reduction and the SDGs.

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**Diagram:**
- A: Number of deaths, missing persons and persons affected by disaster per 100,000 people
- B: Direct disaster economic loss in relation to global gross domestic product (GDP)
- C: Direct disaster economic loss in relation to global GDP, including disaster damage to critical infrastructure and disruption of basic services
- D: Number of countries with national and local disaster risk reduction strategies
- E: Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with the Sendai Framework for Disaster Risk Reduction 2015-2030
- F: Goal 1. Target 1.5
- G: Goal 11. Target 11.5
- H: Goal 11. Target 11.5b
- I: Goal 13. Target 13.1

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