Update from Working Group

PB-25: 7-8 Feb 2023
Geneva, Switzerland

Sara Venturini,
Climate Coordinator
at GEO Secretariat
GEO CC-WG Subgroups

**SG1**
Coordination of climate action across GEO Work Programme & synergies with stakeholders

**SG2**
Engagement with UNFCCC and IPCC

**SG3**
Enhancing the use of EO for Mitigation

**SG4**
Enhancing the use of EO for Adaptation and Loss & Damage
## Subgroup 1

Coordination of climate issues across the GEO Work Programme & Synergies with key partners

<table>
<thead>
<tr>
<th>Status</th>
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<th>Deliverable</th>
<th>Lead</th>
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<tbody>
<tr>
<td>▶️ completed</td>
<td>2+20</td>
<td>Joint GEO Work Programme mapping, and report on gaps and way forward</td>
<td>Joint task group of CC-DRR-CD-WG, Co-chairs</td>
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<td>▶️ recurring</td>
<td>3</td>
<td>GEO's contribution to the WMO/GFCS annual status of climate services report 2020, 2021, and 2022</td>
<td>GEO Sec, GWP activities</td>
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<tr>
<td>▶️ in progress</td>
<td>5</td>
<td>Work with WMO to identify point of contact on climate</td>
<td>GEO Sec</td>
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<tr>
<td>▶️ completed</td>
<td>8+9</td>
<td>Organisation of GEO Climate Policy and Finance Workshop 2021 and report</td>
<td>CC-WG organising committee, GEO Sec</td>
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<td>▶️ recurring</td>
<td>14</td>
<td>Participation in GEO Symposium 2020, 2021</td>
<td>GEO Sec, GWP activities</td>
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<td>▶️ recurring</td>
<td>15</td>
<td>Participation in GEO Week 2020, 2021, 2022</td>
<td>GEO Sec, GWP activities</td>
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<td>▶️ completed</td>
<td>16</td>
<td>Participation in GCOS 2nd Climate Observation Conference</td>
<td>GEO Sec, GWP activities</td>
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<tr>
<td>▶️ completed</td>
<td>21</td>
<td>Call for expression of interest for 2023-2025 GWP</td>
<td>GEO Sec</td>
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• GEO was member of the Scientific Committee supporting the preparations of the GCOS Climate Observation Conference

• Conference programme included presentations and interventions by GEO experts and GEO Secretariat → focus on Essential Variables, climate policy, new technologies supporting data processing, archiving, and access

• Input to joint statement for COP27 calling for the definition of an “action-oriented framework for observation” under the UNFCCC
Climate focus at GEO Week 2022

• **2 Plenary sessions on climate**: “Future proofing National Adaptation Plans” and “Collective action on Oceans, Climate and Biodiversity” --> Launch of new GEO Supplementary NAP Guidance

• **Side events on climate**: Oceans, and Mountains and Polar Regions

• Informal meeting of the CC-WG jointly with DRR-WG and CD-WG
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<td>completed</td>
<td>4</td>
<td>GEO's contribution to the Paris Agreement Global Stocktake via ad hoc coordination group</td>
<td>GEO Sec, Co-chairs</td>
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<td>recurring</td>
<td>10+11</td>
<td>GEO COP annual briefings and Twinning in 2021, 2022</td>
<td>CC-WG Task group, GEO Sec, Co-chairs</td>
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<td>recurring</td>
<td>12</td>
<td>GEO's participation in UNFCCC Subsidiary Bodies and COP in 2020, 2021, 2022</td>
<td>GEO Sec, Co-chairs</td>
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<td>completed</td>
<td>13</td>
<td>Contribution to CEOS/Copernicus workshop bringing together GHG/AFOLU EO communities in 2021</td>
<td>Co-chairs</td>
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<td>under consideration</td>
<td>17</td>
<td>Preparation of GEO response to EO gaps identified in IPCC special reports / AR</td>
<td>TBD</td>
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GEO's participation in COP27

• GEO COP annual briefing:
  • submitted to GEO principals, UNFCCC delegates in October 2022
  • Advocates for "action-oriented framework" and "global goal on observations"

• Side events and bilateral meetings around the themes of early warning, adaptation and nature-based solutions

• Participated in NAP Technical Working Group

• Participated in Earth Information Day 2022 under Research and Systematic Observation negotiations

Blog post: https://www.earthobservations.org/geo_blog_obs.php?id=588
## Subgroup 3
Enhancing the use of EO for Mitigation

<table>
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<tr>
<td>🟢 completed</td>
<td>7</td>
<td>Info note on reporting requirements under the Paris Agreement – mitigation</td>
<td>Co-chairs</td>
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<tr>
<td>🟢 completed</td>
<td>18</td>
<td>Organisation of GEO-GFOI workshop on land representation with the participation of IPCC</td>
<td>GEO Sec, Co-chairs</td>
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<tr>
<td>🔴 under consideration</td>
<td>19</td>
<td>Organisation of (regional) stakeholder workshop / series of webinars on EO and reporting requirements</td>
<td>TBD</td>
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EO in support of National GHG inventories: requirements, opportunities, and challenges

Publication pending
## Subgroup 4
Enhancing the use of EO for Adaptation

<table>
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<td>completed</td>
<td>6</td>
<td>Development of supplementary technical guidance for integrating EO into National Adaptation Plans, including through stakeholder validation workshop and call for good practices for second iteration</td>
<td>GEO Sec, Task group</td>
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<td>addressed by #6</td>
<td>7</td>
<td>Info note on reporting requirements under the Paris Agreement – adaptation</td>
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<tr>
<td>under consideration</td>
<td>19</td>
<td>Organisation of (regional) stakeholder workshop / series of webinars on EO and reporting requirements</td>
<td>TBD</td>
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Launch of the GEO NAP Guidance

- **NAP Expo 2022** – multiple sessions in August 2022, Gaborone, Botswana

- **GEO Week 2022** - GEO Plenary session “Future-proofing National Adaptation Plans” in November 2022, Accra, Ghana

- **COP27** - **Earth Information Day 2022** with GEOGLAM poster in November 2022, Sharm El-Sheikh, Egypt

  → GEO NAP guidance submitted to NAP Central (the main landing page on NAPs)

Download:  [https://earthobservations.org/documents/cc_wg/GEO_NAP_Supplement_final.pdf](https://earthobservations.org/documents/cc_wg/GEO_NAP_Supplement_final.pdf)
Ongoing / recurring deliverables in 2023

- **Publication of Info note on mitigation**
  GEO blog post
  March 2023

- **Participation in UNFCCC SB**
  SB session, side events (tbd)
  5-15 June, Bonn

- **Contribution to WMO State of Climate Services report /Health**
  February – October
  Report and launch event

- **Participation in UNFCCC COP28**
  Earth Information Day
  COP briefing
  Side events (tbc)
  30 November – 12 December, Dubai

- **NAP Expo 2023**
  27-30 March, Santiago

- **Dissemination of GEO NAP guidance**

- **Participation in GEO Symposium 2023**
  Side events (tbd)
  14-15 June, Geneva

- **Participation in GEO Week 2023**
  Climate sessions / events (tbd)
  6-10 November, Cape Town
The Way Forward

• Assess the impact and usefulness of the WG
  • An online survey to be rolled out between March and May 2023
  • To be prepared jointly by the four WG coordinators and Co-chairs
  • To be disseminated to key stakeholders, including the GEO WG member, GWP activity leads, PB members, GEO Members, GEO Secretariat, etc.
  • Survey outcomes and recommendations on the future of the WGs to be presented to the PB for decision at the PB-26 meeting in June 2023

• Continue working towards existing deliverables

• Governance decisions and Co-chairs elections put on hold before the GEO-19 Plenary