

Update from



Working Group

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

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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

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

2nd CLIMATE OBSERVATION CONFERENCE

DARMSTADT, GERMANY
17 OCTOBER-19 OCTOBER 2022



GCOS



- **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

GEO WEEK 2022

Global Action for Local Impact

31 October - 04 November 2022 | Accra, Ghana



Subgroup 2

Engagement with UNFCCC and IPCC

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

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

Status	#	Deliverable	Lead
● completed	7	Info note on reporting requirements under the Paris Agreement – mitigation	Co-chairs
● completed	18	Organisation of GEO-GFOI workshop on land representation with the participation of IPCC	GEO Sec, Co-chairs
● under consideration	19	Organisation of (regional) stakeholder workshop / series of webinars on EO and reporting requirements	TBD

EO in support of National GHG inventories: requirements, opportunities, and challenges

Publication pending

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Subgroup 4

Enhancing the use of EO for Adaptation

Status	#	Deliverable	Lead
● completed	6	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	GEO Sec, Task group
● addressed by #6	7	Info note on reporting requirements under the Paris Agreement – adaptation	---
● under consideration	19	Organisation of (regional) stakeholder workshop / series of webinars on EO and reporting requirements	TBD



Integrating Earth Observations into the Formulation and Implementation of National Adaptation Plans: Agriculture and Food Security

GEO Supplement to the UNFCCC NAP Technical Guidelines

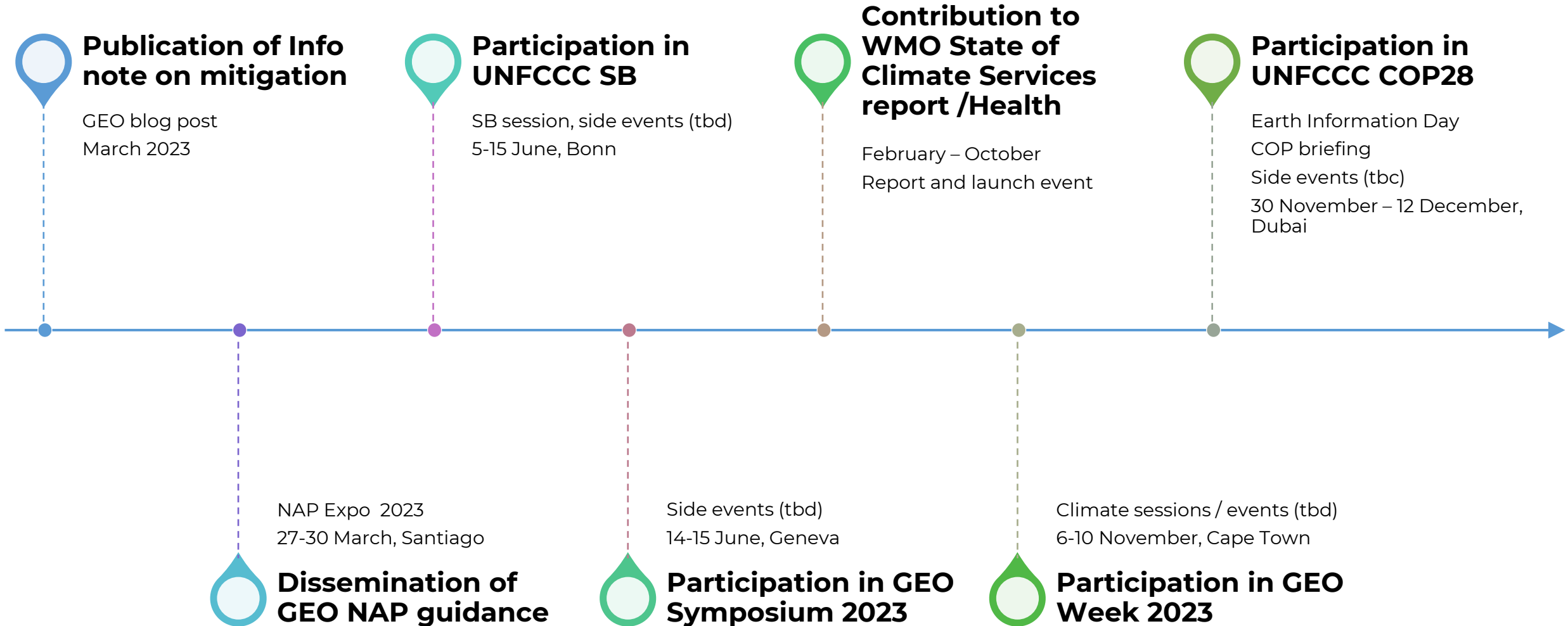


Launch of the GEO NAP Guidance

- **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

Ongoing / recurring deliverables in 2023



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