# UNITED NATIONS



# UNEP/GEO-6/7



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# **United Nations Environment Programme**

United Nations Environment Programme Global Environment Outlook 6 Supporting Information

#### **Background**

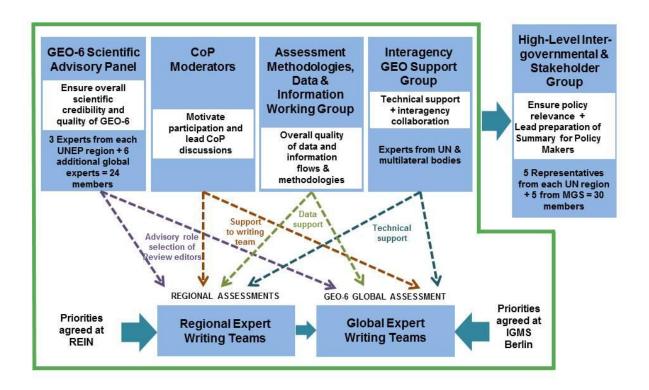
The <u>Global Environment Outlook</u> (GEO) is an integrated environmental assessment that informs environmental decision-making and aims to facilitate the interaction between science and policy. The GEO is also a consultative, participatory process that builds capacity for conducting integrated environmental assessments to report on the state, trends and outlooks of the environment.

UNEA <u>resolution 1/4</u> on the science policy interface requested the Executive Director to undertake the preparation of the sixth Global Environment Outlook (GEO-6), supported by UNEP Live. The overarching objective of GEO-6 is to provide a comprehensive integrated assessment of the effects and implications of environmental change on human well-being.

The structure and processes for GEO-6 were agreed at the global Intergovernmental and Multi-stakeholder Consultation (IGMS) in Berlin (21-23 October 2014) and are presented in the official <u>Outcome Document</u>. The consultation was informed by the findings of the formal UNEP GEO-5 evaluation, the MCC-led<sup>1</sup> Collaborative Initiative on Global Environmental Assessments with particular focus on the GEO process, and experience gained from the recently completed GEO SIDS assessment.

The following advisory bodies will be established for GEO-6 to ensure a scientifically credible and policy relevant assessment: a High level Intergovernmental and Stakeholder Group (HLG) to ensure policy relevance and lead the preparation of the Summary for Policy Makers (SPM); a Scientific Advisory Panel (SAP) to ensure scientific credibility and the overall quality of the assessment; an Assessment Methodologies, Data and Information Working Group (ADIG) to provide guidance on assessment methodologies and to ensure the overall quality of data and information flows; and an Interagency GEO Support Group comprised of experts from UN agencies, funds and programmes, and multilateral bodies to provide technical support and foster interagency collaboration. The relationship between the key bodies is shown below.

<sup>&</sup>lt;sup>1</sup> MCC – Mercator Research Institute for Global Commons and Climate Change



The process for nominating experts is now open. Governments and stakeholders are requested to submit their nominations for experts to participate in GEO-6 using the GEO-6 IGMS Community of Practice (CoP) nominations portal. Registration and UNEP verification are required to enter the IGMS CoP and access the nominations portal. The nominations portal requires details to be submitted for both the nominee and the nominator including areas of expertise and roles in the assessment. Self-nominations will not be accepted. The nomination process will run until 31 January 2015. Late nominations will be accepted under mitigating circumstances. The selected experts and nominees for the advisory bodies will be sent to governments for review and the final list of selected experts will be published on line by 28 February 2015.

This document provides more detail on the structure of GEO-6 to support the nomination of experts to the process. GEO-6 will be underpinned by a set of regional assessments which will follow a similar structure to the global assessment and therefore the expertise required to participate in these assessments will be similar to the global, but should be region specific. Following a government and stakeholder review, this document also contains the revised Outcome Document Annexes which provide details on the nomination process including the areas of expertise, terms of reference for experts and advisory bodies and the criteria for nomination and selection. A detailed draft schedule for the GEO-6 is also provided.

#### **GEO-6 Structure**

#### Part 1: Global Environment: State and Trends

Section 1: This section will provide an analysis of the environmental state and trends for air, biota, land and water and their multiple contributions to environment and human wellbeing. This will be a global level analysis drawing from national datasets, the regional assessments and global datasets.

Section 2: An analysis of policy/ action envelopes will be undertaken for the following cross-cutting issues: climate change; environmental disasters; food; energy; human health; economic development; resource use; chemicals and waste; and culture and society, to assess their direct and indirect effects on air, land, biota, and water and human well-being.

Expertise required: <u>technical experts</u> in the domains of air, biota, land and water; and <u>policy analysts</u> in the areas of climate change; environmental disasters; food; energy; human health; economic development; resource use; chemicals and waste; and culture and society.

#### Part 2: Environmental Policies, Goals and Objectives: A Review of Policy Responses and Options

Part 2 will provide a policy analysis of the links between the state and trends in the environment and global and regional environmental goals and objectives, including those reflected in national policy responses, and an assessment of progress towards them.

Section 1: A comprehensive analysis will identify objectives, goals and targets from all environmental Conventions, Multilateral Environmental Agreements (MEAs) and relevant internationally agreed goals.

Section2: A detailed assessment of progress will be undertaken for objectives, goals and targets that are quantitative, using data from the Conventions gathered through their established reporting processes.

Section 3: For those objectives, goals and targets which are not quantified, a review will be undertaken to determine which policies, plans and programmes exist at the national level to support their potential attainment and evidence of reporting implementation. This will provide an understanding of how well environmental objectives, goals and targets are being implemented, and the gaps and challenges that exist at the sub-regional, regional and global levels.

Section 4: This part of the assessment will also provide a review of policy responses and options which could address the gaps (i.e. policy, capacity, data, financing, implementation) and governance and technical challenges (i.e. resources, monitoring, compliance and enforcement, access to information).

#### Structure:

- Objectives, goals and targets (GEGs<sup>2</sup>, REGs<sup>3</sup>, NEGs<sup>4</sup>)
- Assessment of progress (for quantitative objectives, goals and targets) and corresponding environmental state and trends
- A review of policies and reporting processes
- Gaps, challenges and opportunities

Expertise required: Policy analysts and technical experts in the fields of the relevant objectives, goals and targets.

#### Part 3: Global Environment Outlook

Part 3 will comprise an integrated analysis of megatrends and environmental change, and refer to the outputs of modeling, scenarios and regional outlooks. The analysis will take into account the Global Sustainable Development Report and provide support to the environmental components of the post-2015 development agenda.

Expertise required: technical experts in modelling, scenarios and outlooks across the three dimensions of sustainable development.

- 2 Global Environmental Goals
- 3 Regional Environmental Goals
- 4 National Environmental Goals

#### **UNEP Live**

UNEP Live (<u>uneplive.unep.org</u>) will facilitate open access to national, regional and global datasets, maps, publications, case studies and scientific fact sheets on air, land, biota, water, and other themes. In this way, UNEP Live will support the GEO-6 global and regional assessment processes. GEO-6 stakeholders will be able to nominate experts through the Nominations portal on UNEP Live and wide participation in the regional and global assessments will be enabled through on-line Communities of Practice. (<u>uneplive.unep.org/community</u>).

#### **Revised Outcome Document Annexes**

### Annex 1: Key roles and responsibilities in GEO-6<sup>5</sup>

1. The **High-Level Intergovernmental and Stakeholder Advisory Group (HLG)** will be established to provide guidance to the policy assessment process, and leadership on the Summary for Policy Makers, and provide substantive support to relevant outreach activities. It will comprise five members from each of the United Nations Regional Groups of Member States<sup>6</sup> plus five stakeholder representatives.

Key roles and responsibilities (*Terms of Reference*):

- ensure that mandates, scope and process are fully realised within the implementation plan;
- as appropriate, advise on relevant procedures for GEO-6;
- provide guidance for the policy aspects of the global assessment;
- provide leadership on the development of the pre-negotiated Summary for Policy Makers for endorsement by UNEA;
- actively participate in the GEO-6 Communities of Practice (CoPs) and on-line discussions amongst members and attend the HLG meeting;
- where necessary, the HLG will provide recommendations to the Secretariat and Coordinating Lead Authors (CLAs) and CoP Moderators on ways to improve both methodology and content (in consultation with the Assessment Methodologies, Data and Information Working Group); and
- advise on, participate in and ensure that relevant outreach activities throughout the GEO-6 process are undertaken.
- 2. The **Scientific Advisory Panel (SAP)** will be established to guide the assessment process and to ensure scientific credibility and overall quality and integrity of GEO-6. The Panel will be selected through the nomination and engagement process and will comprise three experts from each UNEP region and up to six global experts. The SAP will be supported by the UNEP Chief Scientist's Office.

Key roles and responsibilities (*Terms of Reference*):

- provide scientific leadership and guidance to the assessment process and ensure scientific credibility and overall quality of all GEO-6 content;
- ensure that mandates, scope and process are fully realised within the implementation plan;
- provide guidance on ensuring that the process for conducting assessments and consultations is credible, systematic and objective;
- review, inform and monitor adherence on standards and guidelines for use of source materials;
- advise on the process of ensuring a comprehensive scientific and expert review;
- select Review Editors for the Global and Regional Assessments in close consultation with the Secretariat *inter alia* the Chief Scientist's Office, and CLAs;
- advise on dealing with data and information credibility, grey literature including local, traditional and indigenous knowledge;

<sup>&</sup>lt;sup>5</sup> UNEP will sponsor participants from developing countries and countries with economies in transition to attend meetings. Non-government participants from developed countries who are not supported through their affiliation will be provided with sponsorship upon request and in accordance with UN rules and regulations.

<sup>&</sup>lt;sup>6</sup> http://www.un.org/depts/DGACM/RegionalGroups.shtml

- in cases of uncertainty and/or contentious science related issues as raised by the Coordinating Lead Authors, CoP Moderators, government participants, the GEO Secretariat or expert reviewers, the Scientific Advisory Panel will make the final determination;
- conduct periodic internal evaluations of the GEO-6 assessment with respect to adherence to scientific guidelines, appropriate conduct of experts; methodology and content;
- actively participate in the GEO-6 CoPs and on-line discussions amongst SAP members and attend the SAP meeting;
- read, review and endorse the scientific credibility of the final GEO-6 report; and
- where necessary, the SAP will provide recommendations to the Secretariat and coordinating lead authors and CoP Moderators on ways to improve both methodology and content (in consultation with the Assessment Methodologies, Data and Information Working Group).

UNEP Chief Scientist's Office, through the Scientific Advisory Panel, will provide scientific quality assurance and additional guidelines as needed to the CoP Moderators, writing teams and expert contributors for the preparation of the GEO-6 assessments.

3. Coordinating Lead Authors (CLAs) will establish and coordinate writing teams for each section in the Global and Regional assessments based on the selection of Lead Authors by the Scientific Advisory Panel, in close consultation with respective CLAs, the Secretariat and the UNEP Chief Scientist. Ensuring the scientific credibility and technical accuracy of GEO-6 content in the section that they are responsible for, will be one of the main tasks of CLAs. The global Scientific Advisory Panel, in consultation with the CoP Moderators, the Secretariat and the UNEP Chief Scientist, will select the CLA experts. The specific number of CLAs that GEO-6 will require is yet to be determined, and will be guided by the outcomes of the Intergovernmental and Multi-stakeholder Consultation and the Regional Environmental Information Network conferences. A modest honorarium will be paid by UNEP to all CLAs.

Key roles and responsibilities (Terms of Reference)

- take the overall responsibility for coordinating and drafting sections to given deadlines, actively participate in the GEO-6 CoPs and work closely with the designated CoP Moderator and Secretariat staff to provide oversight of the section;
- plan the relevant information, knowledge and data required for each section that will be accessed through UNEP Live;
- lead 'writing sprints' with the designated CoP Moderators to deliver first-order drafts for each section:
- ensure that manuscripts are completed to a high standard, collated and delivered to the Secretariat in a timely manner and conform to the GEO-6 guidelines for scientific credibility;
- ensure that all review comments are dealt with according to specific guidelines;
- develop text that is scientifically, technically and socio-economically sound incorporating contributions by a wide variety of experts;
- ensure that any crosscutting scientific or technical issues, which may involve several sections (and/or) regional assessments of the GEO-6 are addressed in a complete and coherent manner;
- prepare the first-order draft of the Summary for Policy Makers, under the guidance and leadership of the HLG;
- contribute to preparing intermediate technical papers<sup>8</sup> as required; and
- take responsibility for referring any scientific credibility issues such as uncertainties and use of grey literature to the SAP, when such issues cannot be dealt with within their writing team.

<sup>&</sup>lt;sup>7</sup> A 'writing sprint' is a dedicated and facilitated period of time used to synthesize, review and edit drafts prepared by different authors in to a coherent section.

<sup>&</sup>lt;sup>8</sup> Intermediate technical papers would be based on assessments findings and targeted towards on-going intergovernmental processes as required.

4. A core group of **Lead Authors** (LA) will be selected to join the various writing teams for each section in the Global and Regional assessments. Each writing group will comprise between 15 to 20 authors depending on the nature and scope of the section. The Scientific Advisory Panel, in close consultation with respective CLAs, the Secretariat and the UNEP Chief Scientist, will select Lead Authors. Each Lead Author is expected to uphold the standards of, and guidelines for ensuring scientific integrity and credibility.

Key roles and responsibilities (*Terms of Reference*):

- actively participate in the GEO-6 CoPs and lead the drafting and revising of their designated section of the GEO-6 report;
- identify, collect and synthesize relevant material drawn from available peer-reviewed literature, the UNEP Live portal, and other knowledge sources as appropriate;
- record expert views which cannot be reconciled with a consensus view but which are nonetheless scientifically or technically valid<sup>9</sup>;
- take account of expert and government review comments when revising text and record how comments have been dealt with;
- identify data gaps on specific topics in consultation with the data and indicators working group;
- ensure that the various components of the section are brought together on time, are of uniformly high quality and conform to the guidelines for scientific credibility; and
- work closely with the CLAs to prepare text.
- 5. The **Assessment Methodologies, Data and Information Working Group** will be established to provide advice and inputs on assessment methodologies, data and information flows and quality assurance procedures. The members will be selected through the nomination and engagement process and will comprise of three experts from each UNEP region, plus up to six global assessment, data and information experts. The Assessment Methodologies, Data and Information Working Group, will be supported by the UNEP Live teams in Nairobi and regional offices.

Key roles and responsibilities (*Terms of Reference*):

- provide leadership and guidance on assessment methodologies, data and information sourcing and use and ensure overall quality of all data and information flows used in GEO-6;
- review, inform and monitor adherence on standards and guidelines for use of data and information in GEO-6:
- provide guidance on developing and implementing open access data policies;
- actively participate in the GEO-6 CoPs; and
- conduct periodic internal evaluations of the GEO-6 assessment with respect to adherence to data and information guidelines, appropriate conduct of experts; methodology and content.
- 6. The **Interagency GEO Support Group** will be established to provide technical support and interagency coordination during the GEO-6 assessment process. The group will comprise of 20-30 experts from UN agencies, funds and programmes and multilateral bodies.

Key roles and responsibilities (Terms of Reference)

- to provide technical support, as required, and exchange views on a regular basis on various aspects of the assessment process;
- facilitate systematic and timely information and data exchange among entities of the United Nations system and intergovernmental organizations in support of the GEO assessment;
- initiate and pursue, to the extent possible, cooperation and coordination in the implementation of GEO assessment activities including outreach; and
- identify areas which require enhanced complementarity and synergy as well as those where duplication among existing assessment activities and processes of member agencies should be avoided.

<sup>&</sup>lt;sup>9</sup> The LAs in consultation with the SAP, CLAs, secretariat and UNEP's Chief Scientist will document diverging viewpoints in the assessment report as appropriate. Diverging viewpoints considered but not presented in the final report will still be documented and made available in the CoP.

7. **Communities of Practice** (CoP) **Moderators** will be responsible for facilitating Working Group CoPs and provide the necessary leadership and coordinative support to enable knowledge sharing and partnership building within their CoP (and across other GEO-6 CoPs).

Moderators will connect to, and engage with one or more moderators of other writing teams to provide coherent support to CLAs and ensure appropriate data/information flows, handling of diverging viewpoints, responding to critical review comments, and developing content. Moderators are expected to uphold the standards of, and guidelines for ensuring scientific integrity and credibility following principles laid out in this document. The CoP Moderators of the designated GEO-6 Working Groups will be selected through the nominations and engagement process. The Secretariat will provide technical support for the on-line platform and substantive support to the moderators. A modest honorarium will be paid by UNEP to all CoP moderators.

Key roles and responsibilities (*Terms of Reference*):

- lead and foster useful and spirited CoP discussions;
- support the writing "sprints" to deliver first drafts for each section;
- motivate active participation in their CoPs;
- create a congenial, professional community by establishing and maintaining a setting with respectful and appropriate dialogue, knowledge-sharing and exchange of views;
- recognize members' varying levels of experience and comfort in operating with online platforms and the social media environment;
- advise on interaction with other relevant CoP discussions;
- participate in the peer-review of designated sections and overall outreach of the assessment findings;
- · act as an knowledge intermediary between CoP and designated/ relevant writing teams; and
- support CLAs in ensuring appropriate data/information flows, handling diverging viewpoints and responding to critical review comments, and where appropriate, developing content.
- 8. **GEO-6 Fellows** will be selected through the nomination and engagement process. There will be 20 Fellows in total. GEO Fellows will be connected to, and engage with one or more Working Groups and may participate in the writing teams.

Key roles and responsibilities (*Terms of Reference*):

- · actively participate in participate in the specific Working Groups and writing teams as relevant; and
- act as knowledge intermediaries between GEO-6 CoPs.
- 9. Review Editors and Reviewers will be selected through the nomination and engagement process by GEO-6 Scientific Advisory Panel in consultation with the Secretariat and UNEP Chief Scientist's Office, prior to the first round of peer-review. The primary role of the Review Editors is to ensure that all substantive expert and government review comments are afforded appropriate consideration by the Writing Teams. Review Editors are not intended to be additional reviewers of the content, but rather provide quality assurance and oversight on the review process itself.

Key roles and responsibilities (Terms of Reference)

- provide oversight on the review process of designated sections;
- ensure all substantive review comments are afforded appropriate consideration;
- prepare written summaries of the most significant issues raised by reviewers;
- on a case-by-case basis, as requested by the Secretariat, carefully monitor and review the use and
  consideration of grey literature including the integration of local and indigenous knowledge sources;
- be available to provide responses to the SAP when requested, on the review process; and
- prepare final reports to the Secretariat.

#### **Annex 2: Nomination Criteria**

- 10. The GEO-6 Nomination process aims to identify the best available expertise representing a range of disciplines, and geographical and gender balance, with particular emphasis on ensuring full representation from developing-country experts.
- 11. Member States and stakeholders are invited to nominate experts and individuals for the various roles in GEO-6 through the Nominations Portal in the UNEP Live GEO-6 Community of Practice. Guidance for the different roles is given below. The deadline for submission of nominations for the various roles is 31 January 2015.
- 12. The names, profiles and Curricula Vitae of all nominees will be made available through the GEO-6 Community of Practice (UNEP Live online open platform). The identity of the Member State, observer state or institution/individual making the nomination. The Secretariat will not accept self-nominations. The Secretariat can accept late nominations at its discretion. An individual may not serve on more than one advisory body.
- 13. The following considerations should be carefully weighed before nominating experts and individuals to the GEO-6 regional and global assessments:
  - Availability and willingness of candidate to commit to actively participating from the beginning of the process right through until completion of the GEO-6; bearing in mind the intensity of responsibilities of the respective role(s), including requirement to attend key meetings, subsidiary meetings and consultations, as appropriate (3-5 in total);
  - In-depth expertise in one or more areas relevant to the scope of GEO-6 including natural and social sciences, local and traditional knowledge, assessment and policy analysis and;
  - Experience in communicating, promoting and incorporating science into policy development processes.
- 14. The following criteria should be taken into account in nominating and selecting members to the GEO-6 Scientific Advisory Panel and Coordinating Lead Authors (CLAs):
  - World-renowned expert as recognized by membership of a national academic society, union, professional body, or equivalent, senior university faculty member and corresponding publication record:
  - Experts with an established reputation in providing a high level of scientific credibility to assessment processes:
  - At least ten years of documented professional experience, including assessment-work at the regional and/or global level;
  - Ability to assess and synthesize technical material rapidly; and
  - Excellent drafting/ writing skills (preferably in English, not excluding other UN languages).
- 15. The following criteria should be taken into account in nominating and selecting members to the CoP Moderators include:
  - At least ten years of documented professional experience, including assessment-work at the regional and/or global level;
  - Ability to assess and synthesize technical material rapidly;
  - Excellent drafting/ writing skills (in English and other UN languages as appropriate for facilitating discussion and incorporating sources across different languages);
  - Excellent interpersonal and organizational skills and experience in moderating discussions;
  - Multi-lingual would be highly desirable; and
  - Ability to use the ICT platform and tools effectively.

- 16.UNEP recommends the following criteria should be applied in nominating and selecting members to the High-Level Intergovernmental and Stakeholder Advisory Group:
  - At least ten years of documented professional experience with international environmental affairs and/or international sustainable development;
  - Comprehensive understanding of environmental assessment processes and their role in informing policy makers;
  - Extensive expertise with the international policy agenda and assessment work;
  - Preferably previous experience with high-level intergovernmental processes in relation to environmental policy and sustainable development; and
  - For MGS the nominee is required to be a leading representative of the group and have a track record of practical experience in one or more of the above criteria.

## **Draft Schedule for GEO-6**

| Meeting | UNEP Live | Regional | Global | Global & |
|---------|-----------|----------|--------|----------|
|         |           |          |        | Regional |

|    | ACTIVITY NAME  | START      | FINISH     | DURATION                |
|----|--|------------|------------|-------------------------|
| 1  | GEO-6 Intergovernmental & Multi-stakeholder Consultation (IGMS)<br>Berlin, Germany   | 21/10/2014 | 23/10/2014 | 3 days                  |
| 2  | Annexes from IGMS Outcome Document circulated for government and stakeholder review  | 30/10/2014 | 05/11/2014 | 1 week                  |
| 3  | Nomination of experts for GEO-6 (global and regional) [Official letter sent out to Governments and stakeholders on November 10, 2014]  | 10/11/2014 | 31/01/2015 | 12 weeks                |
| 4  | Official request to UN family to nominate experts for the Interagency GEO Support Group  | 10/11/2014 | 31/01/2015 | 12 weeks                |
| 5  | Develop UNEP Live/ National Reporting System bilateral data usages policies (Regional Offices to consult w/ respective countries)  | 11/11/2014 | 31/12/2014 | 7 weeks                 |
| 6  | NRS rollout connected to UNEP Live -Phase 1 (priority countries to be determined w/ Regional Coordinators)   | 01/01/2015 | 01/01/2017 | 104 weeks<br>(on-going) |
| 7  | Development of UNEP Live GEGs-tracker  | 01/02/2015 | 01/12/2017 | on-going                |
| 8  | National and regional data sets to support the regional assessments are made available through UNEP Live   | 01/02/2015 | 30/09/2015 | 45 weeks                |
| 9  | Provisional selection of experts are circulated to Governments for review  | 14/02/2015 | 28/02/2015 | 2 weeks                 |
| 10 | Final selection for advisory bodies, CLAs and LAs for regional and global assessments and CoP moderators   | 01/03/2015 | 14/03/2015 | 2 weeks                 |
| 11 | Establish High-Level Intergovernmental and Stakeholder Group (HLG) – work begins   | 07/03/2015 |            | On-going                |
| 12 | Establish Scientific Advisory Panel (SAP) – work begins  | 07/03/2015 |            | On-going                |
| 13 | Establish Assessment Methodologies, Data and Information Working Group (ADIG) – work begins  | 07/03/2015 |            | On-going                |
| 14 | Establish Interagency GEO Support Group – work begins  | 07/03/2015 |            | On-going                |
| 15 | <ul> <li>First Expert Group meetings (Nairobi)</li> <li>HLG &amp; SAP will have 1-day parallel sessions and then have a combined session for 2 days</li> <li>CoP Moderators will meet separately with Secretariat then join the first day of the combined session</li> </ul> | 25/03/2015 | 27/03/2015 | 3 days                  |
| 16 | Establish regional and global writing teams (CLAs, LAs) and assign CoP Moderators to the various sections  | 28/03/2015 | 05/04/2015 | 1 week                  |
| 17 | ADIG provides methodologies and guidance for the regional and global assessment teams through the CoP  | 07/03/15   | 05/04/2015 | 4 weeks                 |
| 18 | Global data sets to support the regional assessments are made available through UNEP Live  | 10/11/2014 | 01/12/2017 | on-going                |
| 19 | Regional Environmental Information Network Conferences   | 05/04/2015 | 12/05/2015 | 6 weeks                 |

|     | Africa (Jahannashuur Cauth Africa)                                       | 22/04/2015    | 27/04/2015    | 1 wools       |
|-----|--|---------------|---------------|---------------|
| a.  | Africa (Johannesburg, South Africa)                                      | 23/04/2015    | 27/04/2015    | 1 week        |
| b.  | West Asia (location tbd)   | (tbd)         | (2015)        | 1 week        |
| c.  | <ul> <li>LAC (Panama)</li> </ul>   | (tbd)         | (2015)        | 1 week        |
| d.  | <ul> <li>Europe (Istanbul, Turkey)</li> </ul>                            | 13/04/2015    | 17/04/2015    | 1 week        |
| e.  | North America (location tbd)   | early May     | (2015)        | 1 week        |
| f.  | Asia and the Pacific (Bangkok)   | 27/04/15      | 01/05/15      | 1 week        |
|     |  | , ,           | , ,           |               |
| 20  | Global and regional Communities of Practice working groups are           | 1/04/2015     | 31/01/2017    | on-going      |
|     | established (data sharing/ moderated discussions begin)                  |               |               | 0 0           |
|     | Regional writing teams develop first-order draft (including six          |               |               |               |
| 21  | regional writing-sprints – timing/locations tbd)                         | 05/05/2015    | 31/08/2015    | 18 weeks      |
|     | Draft submitted to Secretariat through CoP by Aug. 31, 2015              |               |               |               |
|     | Convene Global writing teams and relevant CoP working groups for         |               |               |               |
| 22  | Part I and II – start-up and harmonization meeting (tbd)                 | 05/06/2015    | 07/06/2015    | 3 days        |
|     | Global writing teams (Part I and II) develop first-order draft through   |               |               |               |
| 23  |  | 08/06/2015    | 10/10/2015    | 18 weeks      |
|     | CoPs (materials ready for global writing-sprints)                        |               |               |               |
| 24  | E-book wireframe and design/layout templates developed and               | 01/07/2015    | 01/09/2015    | 9 weeks       |
|     | shared with UNEP regional offices & production teams                     | ,,            | ,,            |               |
|     | Scientific Advisory Panel in consultation with the Secretariat, UNEP     |               |               |               |
| 25  | Chief Scientist's Office and CLAs, to select Review Editors for the      | 01/08/2015    | 22/08/2015    | 3 weeks       |
|     | Regional Assessment sections   |               |               |               |
|     | Secretariat shares provisional draft of regional assessments along       |               |               |               |
| 26  | with contentious issues, ILK and other Q/A concerns to SAP for           | 01/09/2015    | 22/09/2015    | 3 weeks       |
| 20  | guidance and review  | 01/03/2013    | 22/03/2013    | 5 WEEKS       |
|     |  |               |               |               |
| 27  | Intergovernmental, stakeholder and scientific peer-review process        | 01/09/2015    | 12/10/2015    | 6 weeks       |
|     | for regional assessments   |               |               |               |
| 28  | GEO writing sprints for Global Part I & II sections                      | 10/10/2015    | 31/10/2015    | 3 weeks       |
|     | (With moderators, CLAs and writing teams – times/Locations tbd)          | 20, 20, 2020  | 01, 10, 1010  | 5 11 5 5 11 5 |
|     | Methodologies, Data and Information Working Group provide                |               |               |               |
| 29  | production support to regional teams (video 'Go-to' meetings) to         | 12/10/2015    | 23/11/2015    | 6 weeks       |
|     | finalize spatial, graphical and illustrative materials etc.              |               |               |               |
|     | Provisional drafts of regional assessments shared with CPR – subject     |               |               |               |
| 30  | to quality   | 13/10/2015    | 20/10/2015    | 1 week        |
|     | CLAs and working groups in collaboration with Review Editors             |               |               |               |
|     | · · · · · · · · · · · · · · · · · · ·                                    |               |               |               |
| 31  | process all review comments, make publicly available on CoP and          | 20/10/2015    | 16/11/2015    | 5 weeks       |
|     | develop Draft 2 of regional assessments                                  | , ,           | , ,           |               |
|     | Draft 2 submitted to Secretariat through CoP by Nov. 16, 2015            |               |               |               |
|     | Scientific Advisory Board in consultation with the Secretariat, UNEP     |               |               |               |
| 31  | Chief Scientist's Office and CLAs, to select Review Editors for the      | 23/11/2015    | 14/12/2015    | 3 weeks       |
|     | Global Assessment  |               |               |               |
|     | Final editing and quality assurance for regional assessments (carried    |               |               |               |
| 32  | out by Secretariat and editorial team under the leadership of Chief      | 23/11/2015    | 04/01/2016    | 5 weeks       |
| 32  | Scientist Office and SAP) –Final drafts of Regional Assessments          | 23, 11, 2013  | 0 1, 01, 2010 | 3 WEERS       |
|     |  |               |               |               |
| 0.0 | Second Expert Group meetings (Geneva or Bonn)                            | 4.4/4.0/00:1- | 46/40/05:-    | 2 1           |
| 33  | HLG & SAP will have 1-day parallel sessions and then have a              | 14/12/2015    | 16/12/2015    | 3 days        |
|     | combined session for 2 days  |               |               |               |
| 34  | Pre-press production process & outreach for regional assessments         | 14/12/2015    | 28/02/2016    | 12 weeks      |
| 54  | Print-ready files (English) by 28 February 2016                          | 14/12/2015    | 20/02/2010    | 12 WEEKS      |
|     | Intergovernmental, stakeholder and scientific peer-review process        | 00/01/05      | 00/22/22      |               |
| 35  | for global assessments (Part I and II); drafts also submitted to SAP     | 02/01/2016    | 28/02/201     | 8 weeks       |
| 36  | Provisional drafts of Global assessment (Part I & II) / indicative key   | 20/03/2016    | 25/03/2016    | 1 week        |
| 50  | Trovisional arants of Global assessificity (Lattice II) / indicative key | 20/03/2010    | 23/03/2010    | T WEEK        |

|    | findings as well as final Regional Assessments made available on CoP and tabled at Open-ended CPR   | (tbd)             | (tbd)             |          |
|----|---|-------------------|-------------------|----------|
| 37 | Global writing teams incorporate comments from peer-review and develop second-order drafts  Draft 2 submitted to Secretariat through CoP by March 30, 2016                              | 01/03/2016        | 31/03/2016        | 4 weeks  |
| 38 | Translation, layout and printing for Regional Assessments   | 01/03/2016        | 04/05/2016        | 8 weeks  |
| 39 | Final editing and quality assurance for global assessments Part I&II (carried out by Secretariat and editorial team under the leadership of Chief Scientist Office and SAP)             | 01/04/2016        | 01/05/2016        | 4 weeks  |
| 40 | Pre-press production process and outreach for global assessments Part 1&II Print-ready files (English) by 02 June 2016  | 01/04/2016        | 01/06/2016        | 8 weeks  |
|    | Global writing team (Part III) develop first-order draft through CoPs (including writing sprint)  | 01/05/2016        | 01/08/2016        | 13 weeks |
|    |   |                   |                   |          |
| 41 | Regional Assessments (including language versions and e-books) and Part I& II of global assessment launched at UNEA-2   | June (tbd)        | June (tbd)        | 1 day    |
| 46 | Intergovernmental, stakeholder and scientific peer-review process for global assessment (Part III)  | 02/08/2016        | 13/09/2016        | 6 weeks  |
| 42 | CLAs and working groups in collaboration with Review Editors process all review comments and develop second-order draft (Part III) Submitted to Secretariat through CoP by 13 Oct, 2016 | 14/09/2016        | 13/10/2016        | 4 weeks  |
| 36 | Provisional draft of Global assessment (Part III) / indicative key findings made available on CoP and tabled at Open-ended CPR  | Oct/2016<br>(tbd) | Oct/2016<br>(tbd) | 1 week   |
| 47 | E-book wireframe and design/layout developed for Global Assessment (Parts III) as well as the SPM   | 14/10/2016        | 04/11/2016        | 3 weeks  |
| 48 | Final editing and quality assurance for Global assessment (carried out by Secretariat and editorial team under the leadership of Chief Scientist Office and SAP)                        | 14/10/2016        | 14/11/2016        | 4 weeks  |
| 43 | Content for zero-order draft of SPM developed  Pre-negotiated text submitted by Dec 14, 2016  | 14/11/2016        | 14/12/2016        | 4 weeks  |
| 49 | Pre-press production process & outreach for Global assessment  Print-ready files for by Jan 14, 2017  | 14/11/2016        | 14/01/2017        | 8 weeks  |
| 50 | GEO-6 Intergovernmental negotiation on SPM (location tbd)   | 01/02/2017        | 03/02/2017        | 3 days   |
| 51 | Launch of GEO-6 (Part III) and SPM  | TBC               | TBC               |          |