

GEO-5 NOMINATIONS

Following the close of this nomination process on 16 May 2010, UNEP will make the final selection of representatives by matching expertise to specific roles paying due regard to disciplinary, gender and geographical balance. Some individuals may be invited to take part in more than one role. The final selection of experts will be made publicly available by 30 May 2010.

A. Advisory groups

1. HIGH LEVEL INTERGOVERNMENTAL ADVISORY PANEL

Key roles:

- Act as ambassadors for GEO-5.
- Identify and agree on the set of internationally agreed goals that will frame the analysis of the state and trends of the global environment in Part 1 and inform Part 2.
- Provide high level strategic advice with regard to goals and policies to chapter authors, as appropriate.
- Advise on the key messages for inclusion into the Summary for Policy Makers (SPM).
- Review the draft SPM in preparation for the Intergovernmental consultation to negotiate and endorse the SPM.
- Advise on and participate in the outreach activities for GEO-5.

Expertise required in:

- Environment and development policies.
- Environmental governance.
- Environmental and development challenges and priorities.

Key time considerations:

- Two Meetings – one to identify and agree goals in June / July 2010 and again in late 2011 to discuss the draft SPM.
- Strategic advice to chapter authors would be given during the drafting stage during late 2010 and first half of 2011, as appropriate. This task may require one to two weeks work in total.

Note:

The Panel will include gender balanced representation from the regions and be comprised of high-level policy experts from government. It will be limited in size (between 15-20 panel members).

2. SCIENCE AND POLICY ADVISORY BOARD

Key roles:

- Advise on interaction with other relevant global processes and meetings.
- Ensure that the objectives, scope and process within the adopted statement are fully realised within the implementation plan.
- Provide guidance on ensuring that the process for conducting assessments & consultations is credible, systematic and objective.
- Review and inform standards and guidelines for use of source materials.
- Advise on the process of ensuring a comprehensive scientific and expert review.
- Advise on dealing with uncertainty and data credibility.

Expertise required:

- Extensive, high level experience of science-policy processes.
- Comprehensive understanding of assessment processes & their role in advising policy makers.
- Established reputation in the international technology, science and/or policy arena.

Key time considerations:

- One meeting to review the implementation plan and to provide guidance on scientific credibility and policy relevance.
- Virtual meetings are proposed for other tasks including advising on the expert review process.
- Time requirements maybe two to three weeks work in total from June 2010 up until April 2012.

B. Specialist groups

3. DATA AND INDICATORS WORKING GROUP

Key roles:

- To identify & provide indicators that will form the basis for the assessment in Part 1.
- To support data requirements across the GEO-5 process, including identification of appropriate visualisation tools.
- To respond to specific data requests/need/ requirements to the extent possible.
- To identify data gaps and needs for data & indicators capacity development at national & regional levels.
- Assist in reviewing the need to strengthen data collection and monitoring to track the state and trends of the environment.
- Establish links with national, regional and international data centres and data repositories/ institutions.

Expertise required:

- Solid expertise in data acquisition & management.
- Demonstrated experience in development & use of environmentally-relevant indicators.
- Ability to create innovative visualisation of data & indicators for conveying key messages to target audiences.
- An overview of the status of data availability for different themes and locations.

Key time considerations:

- A start up meeting will be required after the set up of the group in June 2010.
- Most tasks will be carried out between mid 2010 and mid 2011 and approximately two month's time will be required for this role.

Note:

This group will also contain UNEP staff responsible for the GEO Data Portal who will provide significant time to undertake some of the tasks.

4. SCENARIO WORKING GROUP

Key roles:

- To use existing models and scenarios to identify options for decision making in order to address the long-term environmental challenges that we face and the achievement of policy goals.
- Review the need for transformational change regarding over-arching pressures and drivers on environmental sustainability.
- Re-run existing models in order to provide further information for decision makers.
- Contribute to the writing of the Part 3 chapters on Transformative Policies and Global Responses.

Expertise required:

- First-hand experience of scenario & modelling processes/outlooks.
- Experience in working on long-term, global aspects of environmental change issues.

Key time considerations:

- Periodic attendance at meetings and workshops will be required
- Intensive period of work will be from late 2010 until end of 2011.
- Time will be required for planning, creating scenarios, running models and writing up of chapters – total time requirements may be in the region of three to five months work.

C. Content development

5. COORDINATING LEAD AUTHORS

Key roles:

- Take the overall responsibility for coordinating and drafting chapters to given deadlines and work closely with the UNEP staff member designated to provide oversight of the chapter.
- Ensure that chapters are completed to a high standard, collated and delivered to UNEP in a timely manner and conform to the guidelines for scientific credibility.
- Ensure 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 chapters of the GEO-5 report are addressed in a complete and coherent manner.
- Contribute to preparing intermediate technical papers.
- Draft the Summary for Policy Makers.

Expertise required:

- In-depth understanding of chapter topic.
- Publication record in area/s covered under the respective chapter.
- Excellent drafting skills.
- Excellent organizational skills.

Key time considerations:

- The role is intensive from the beginning of the process right through until completion of the report in mid 2012.
- There will be a requirement to attend key meetings, subsidiary meetings and consultations, as appropriate (3-5 in total).
- Total work time six months.

6. LEAD AUTHORS

Key roles:

- Play a lead role in drafting and revising the designated chapter of the report.
- Synthesize material drawn from available literature.
- Record views which cannot be reconciled with a consensus view but which are nonetheless scientifically or technically valid.
- 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 chapter are brought together on time, are of uniformly high quality and conform to the guidelines for scientific credibility.
- Work with the CLA to prepare intermediate technical papers and draft the Summary for Policy Makers.
- Work closely with the CLA and Contributing Authors.

Expertise required:

- In-depth understanding of chapter topic.
- Publication record in area/s covered under the respective chapter.
- Excellent drafting skills.
- Ability to meet tight deadlines.

Key time considerations:

- The role is intensive from the first production meeting right through until completion of the report in mid 2012.
- There will be a requirement to attend key meetings, subsidiary meetings and consultations, as appropriate (3-5 in total).
- Total work time between three to five months

7. CONTRIBUTING AUTHORS

Key roles:

- Prepare technical information in the form of text, graphs or data for assimilation by the Lead Authors into the draft chapter.
- Edit, merge and amend contributed material in the course of developing the overall draft text.
- Conform to the guidelines for scientific credibility.

Expertise required:

- In-depth understanding of chapter topic.
- Publication record in area/s covered under the respective chapter.
- Excellent drafting skills.
- For early career professionals, meet the criteria for GEO Fellowship Programme

Key time considerations:

- Inputs will be required from the first production meeting right through until completion of the drafts in late 2011.
- There will be a requirement to attend key meetings, subsidiary meetings and consultations, as appropriate (1-3 in total).
- Total work time between two to three months.

Note:

The names of all authors will be acknowledged in the report.

D. Reviewers

8. EXPERT REVIEWERS

Key roles:

- According to their knowledge and experience, review and comment on the accuracy and completeness of the scientific/policy/socio-economic content and balance of chapter drafts.

Expertise required:

- In-depth understanding of chapter topic including in areas of environmental challenges and priorities; environmental policy; development policy; and environmental management or governance.
- Publication record or recognized expertise in areas covered under the respective chapter.

Key time considerations:

- The drafts of the GEO-5 report will undergo two rounds of scientific peer-review and one round of government review between mid 2011 and late 2011. The review periods will be approximately four to six weeks each.

E. Regional Working Groups

UNEP will organize a further nomination process for experts to undertake the policy analyses component of Part 2 and write the regional chapters. This nomination process will take place after the regional consultations which are tentatively scheduled to take place between June and September 2010. The relevant experts can only be chosen following the identification of regional challenges and priority goals determined through these consultations.

9. REGIONAL WORKING GROUPS

Key roles:

- To lead policy analysis in the region based on regional priority challenges.
- To consult with a broad group of regional stakeholders.
- To provide regional perspectives into the global & regional syntheses.
- To benefit from and contribute to capacity development in the regions.
- To document process & methodology for incorporation in future capacity development programme.
- To act as chapter working groups for Part 2

Expertise required:

- Very good overview of regional environmental issues.
- In-depth knowledge of policy processes & implementation.

- Broad understanding of the enabling conditions that influence policy (economic, social & environmental).
- Skills in environmental economics.

Key time considerations:

- The role is intensive following the regional consultations in mid 2010 right through until completion of the report in mid 2012.
- There will be a requirement to attend key meetings, subsidiary meetings and consultations, as appropriate (3-5 in total).
- Total work time between three to five months

Further information by way of a preliminary timetable and report structure has been provided below.

Draft timetable of key milestones

Task / Milestone	Date
Nomination of experts for GEO-5	April 2010
Selection of experts for GEO-5	May 2010
Set up working groups	May 2010
1 st Meeting of High-Level Intergovernmental Advisory Panel	June 2010
Regional Consultations	July – Sept 2010
Nominations and selections of regional experts for GEO-5	July - Oct 2010
First production meeting	Nov 2010
Content development	Nov 2010 – Dec 2011
Draft 1 Complete	May 2011
External expert peer-review of Draft 1	June/ July 2011
Expert peer-review and governmental review of Draft 2	Oct / Nov 2011
Final Draft	Dec 2011
Review and finalisation of Summary for Policy Makers (SPM) by High-Level Intergovernmental Advisory Panel	Jan 2012
Intergovernmental meeting to endorse SPM	Feb 2012
GEO-5 Launch	June 2012

Draft GEO-5 Report Structure

Summary for Policy Makers

Part I: Assessment of the State and Trends of the Global Environment

1. Assessment of the State and Trends of the Global Environment
 - i. Internationally agreed Goals
 - ii. Drivers of the Global Environment
 - iii. Atmosphere
 - iv. Land
 - v. Water
 - vi. Biodiversity
 - vii. (Chemicals & waste)
 - viii. Challenges within the Earth System

Part II: Options for Regional Policy Action

2. Policies for Environmental Sustainability: A Review
3. Options for Africa
4. Options for Asia & the Pacific
5. Options for Europe
6. Options for Latin America & Caribbean
7. Options for North America
8. Options for West Asia
9. Regional Synthesis

Part III: Opportunities for a Global Response

10. Transformative policies
11. Global Responses