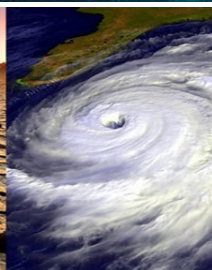


Introduction to session on methodology development



Twelfth Meeting of the Expert Group on Environment and Climate Change Statistics

(in-person and hybrid)

London, 23-25 September 2025



Outline

1. Session 4 outline
2. Prioritised topics
3. Related areas of work
 - Revision of SEEA CF
 - Biodiversity support
 - Disasters support
4. New involvements and contributions
 - ABAS
 - NetZero

Session 4: Methodology on environment and climate change statistics

14:20 – 15:10 4.1 Development of methodology on climate change and disaster statistics

- a) Introduction to session on methodology development (UNSD, 10 min)
- b) Updates on indicators of the Global Goal on Adaptation (UNFCCC, 10 min)
- c) Updates on the Global Disaster-Related Statistics Framework (G-DRSF) and its linkage to climate processes (UNDRR/ESCAP/UK-HSA, IAEG, 10 min)
- d) Overall discussion (20 min)

Coffee break 20 min

15:30 – 16:30 4.2 Development of methodology and indicators on integration of climate and health

- a) Updates on the SOSCHI project (UK-ONS, 10 min)
- b) Updates on subgroup work on climate and health indicators (UK ONS, 10 min)
- c) Connecting indicator initiatives across health, climate and statistics communities (WHO, 10 min)
- d) Monitoring of climate change impacts on health in Ghana (Ghana, 10 min)
- e) Discussion (20 min)

16:30 – 17:30 4.3 Development of methodology and indicators on integration of climate and gender

- a) Update on guidance note for integrating climate and gender statistics (Colombia, 10 min)
- b) Updates on application of climate and gender indicators (UN-Women, 10 min)
- c) Measuring climate change with a gender dimension for better adaptation and mitigation policies (UNEP, 10 min)
- d) Tanzania's experience on integrating climate and gender statistics (Tanzania, 10 min)
- e) Discussion (20 min)

Coffee break 10 min

11:35-13:00 5.3 Group work on prioritised climate change topics

- Introduction, setup and arrangement of group work
- Concurrent group work
- Group work results shared back among plenary



Areas of intense methodology development

- I. Adaptation, biodiversity, **disasters**, **health**, **gender**, water and **waste**, etc. FDES and the Global Set offer structures linking all of these topics to either them
- II. New monitoring requirements, including **GGA**, **CBD GBF**, **ABAS** among others propose new indicators (sets) which we seek to align, especially with the Global Set
- III. New Statistical updates and initiatives including the revision of **SEEA CF**, **NetZero** and Wellbeing/Beyond GDP are also benefiting from our experience
- IV. In relation to work on data collection support, inputs are coming for new or improved indicators/statistics formulation based on the work on **climate questions** for surveys and **big data**



The update of the SEEA Central Framework

- Mandated by the UN Statistical Commission in March 2024 to:
 - > Better respond to emerging demands for integrated environmental and economic data in support of climate change, circular economy, disaster risk reduction, resource management, green growth and jobs, biodiversity and other policies
 - > Reflect the changes of the 2025 SNA and BPM7 and other recently revised standards, classifications and manuals, as appropriate
- Revision process to be completed by **March 2028**
- Emphasis on the coordination with ongoing revision processes, in particular:
 - > Government Finance Statistics (GFS)
 - > Classification of Functions of Government (COFOG)
 - > Others
- UNSD is carrying out the revision out under the auspices of the UN Committee of Experts on Environmental Economic Accounting (UNCEEA)

29 issues for the update of the SEEA CF

Overarching topics, including consistency with SNA

A1	Providing a broad overview of links between SEEA CF and SEEA EA
A2	Indicators
A3	Update of existing information on EE-IOT
A4	How SEEA CF accounts can be made spatially explicit
A5	Harmonization with other international classifications
A6	Introduction of thematic accounts to link to policy
A7	Extension to social domain
A8	Explicitly linking/integrating environmental activity accounts (ch. 4), asset accounts (ch. 5) and flow accounts (ch. 3)
A9	Consistency with the 2025 SNA

Physical flow accounts

B1	Description of PSUTs
B2	Further clarifying treatment of losses (e.g. energy, water)
B3	Treatment of carbon flows
B4	Inclusion of text on quarterly accounts
B5	Differences between PSUTs and EW MFA
B6	Inclusion of residual flows to ecosystem type, i.e. pressure account
B7	Elaboration of waste accounts

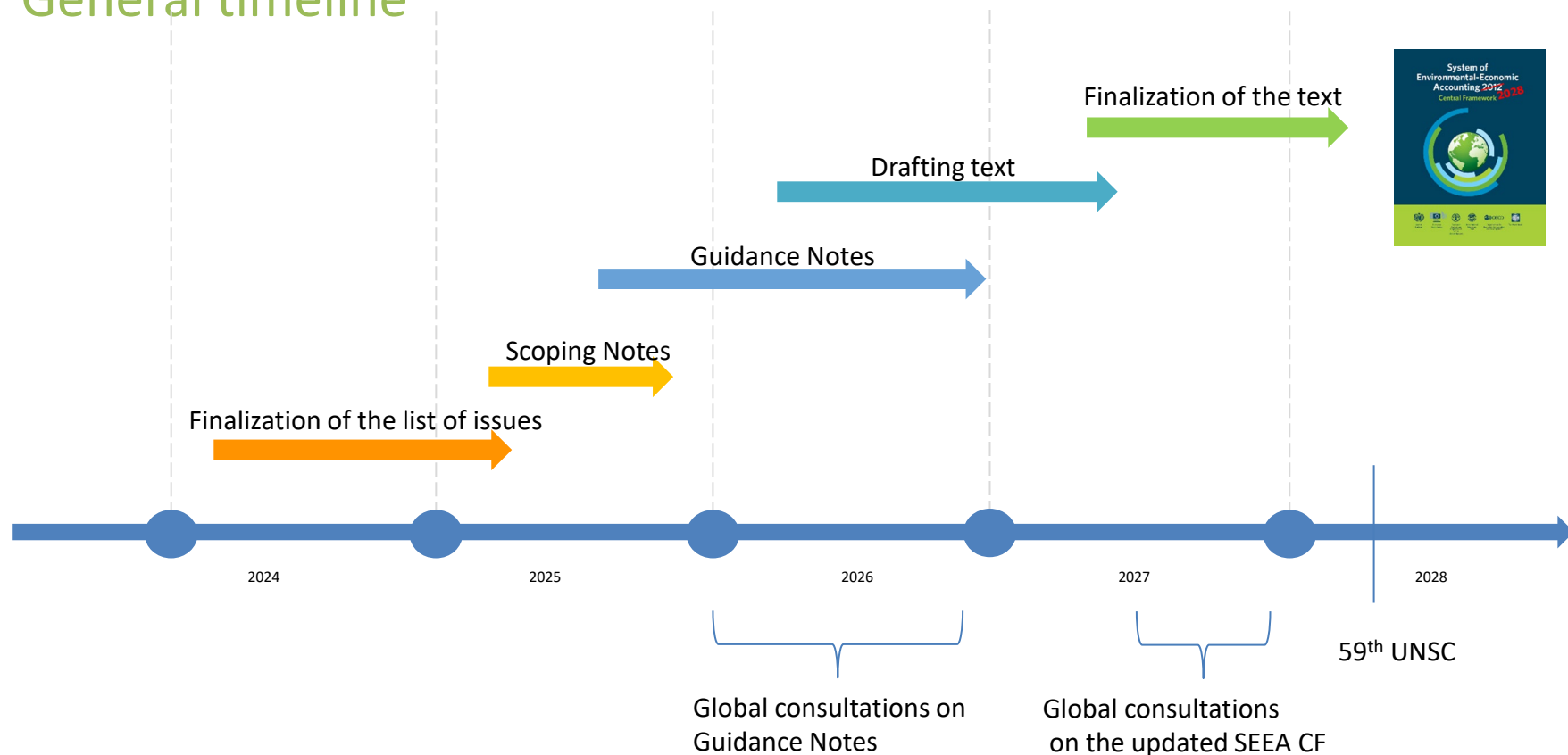
Asset accounts

D1	Inclusion of the carbon stock account
D3	Inclusion of accounts for physical produced assets
D4	Consideration of water as a produced asset (e.g. (artificial reservoirs)
D7	Valuation of water
D8	Treatment of the atmosphere as an asset

Environmental activity accounts and related flows

C1	Inclusion of the Classification of Environmental Purposes
C2	Inclusion of the integrated framework for monetary accounts
C3	Extending the scope of environmental activities
C4	Primary and secondary purpose
C5	Climate mitigation and climate adaptation expenditure
C6	Inclusion of potentially environmentally damaging subsidies/related transfers
C7	Elaborating environmental tax abatements
C8	Incorporation of sustainable finance into an accounting framework

General timeline



- Involvement of the **Expert Group on Environment and Climate Change Statistics** is important to strengthen collaboration and coordination, and to foster integration
- If interested, please follow the update process and join the global consultations at seea.un.org/content/update-seea-central-framework.

For inquiries or to get involved, contact the SEEA team at: seea@un.org

New methodology on Plastic Waste

- Project title and lead: UNEP- European Commission Project Identifying and quantifying plastics contaminant sources and leakages into the aquatic environment
- Objective and timeline: to develop a practical methodology to identify and quantify sources of plastic pollution in the aquatic environment, allowing the production of an inventory of plastic pollution from a pollution source perspective. A toolkit planned for piloting in 2025 with follow-up actions in 2026.
- Partners and pilot countries: Two pilot countries to be determined.
- UNSD contribution/involvement: UNSD has participated in two expert meetings advancing the toolkit, and contributed remotely to improving Toolkit drafts.

Further info: <https://www.unep.org/ietc/what-we-do/plastic-waste-management/eu-funded-project-sustainable-plastic-waste-management>



List of Proposed Targets and Indicators for Monitoring and Evaluation Framework for the Antigua and Barbuda Agenda for Small Island Developing States

1. SIDS' economies are robust, diversified, and adaptable
2. SIDS promote social equity and inclusion
3. SIDS are on the path to environmental sustainability
4. SIDS are able to withstand shocks and enhance resilience
5. SIDS' policymaking leverages robust data, science, innovation and technology
6. SIDS are supported by a reinvigorated global partnership for development
7. The international financial architecture addresses the unique development circumstances of SIDS



Examples of ABAS indicators on Target 3, environment

3.7	Increase the flows of biodiversity-related financial resources to SIDS to implement national biodiversity strategies and action plans	3.7.1 (a) Official development assistance on conservation and sustainable use of biodiversity; and (b) revenue generated and finance mobilized from biodiversity-relevant economic instruments for SIDS
3.8	Implement integrated water resources management at all levels to ensure improved water quality	3.8.1 Degree of integrated water resources management
3.9	All SIDS are substantially supported in their implementation of country-driven national climate plans, policies, strategies, frameworks and other instruments, in line with their needs and priorities, and reflecting their special circumstances*	3.9.1 Number of SIDS that have confirmed that their loss and damage response plans, policies, strategies, frameworks and other instruments are being supported in line with their needs and priorities
		3.9.2 Number of SIDS that have confirmed that their adaptation plans, policies, strategies, frameworks and other instruments are being supported in line with their needs and priorities
		3.9.3 Number of SIDS that have confirmed that their mitigations plans, policies, strategies, frameworks and other instruments are being supported in line with their needs and priorities
3.10	Ensure that SIDS are effectively engaged in and implement decisions of the CBD CoP, including the Kunming-Montreal Global Biodiversity Framework*	3.10.1 Number of SIDS updating and submitting National Biodiversity Strategy and Action Plans (NBSAPs)

Can climate change statistics support countries on their journey to achieve Net Zero?

The Global Set of Climate Change Statistics and Indicators offers 12 indicators addressing GHG emissions and removals structured in the areas of drivers and mitigation, namely:

- Total greenhouse gas emissions per year (Tier 1);
- Total emissions of indirect greenhouse gases (Tier 1);
- Greenhouse gas emissions from land use, land use change and forestry (Tier 1);
- Total greenhouse gas emissions from the national economy (Tier 2);
- Greenhouse gas emissions per capita (Tier 1);
- Greenhouse gas emissions in gross fixed capital formation of direct investment (Tier 3);
- Greenhouse gas emissions in value added of foreign controlled multinational enterprises (Tier 3);
- Carbon footprint (Tier 2);
- Greenhouse gas intensity of the economy (including transport) (Tier 2);
- Rate of decrease of greenhouse gas emissions per unit of gross domestic product (Tier 1);
- Greenhouse gas removals (carbon sequestration) (Tier 2);
- Progress towards achieving the nationally determined contribution (Tier 3).



Conclusions and key questions

Intense methodology development is taking place at several levels, based on needs to build on latest research and science; needs for monitoring and evaluation of agreements/policies; new statistical developments.

1. Are there other areas of related statistical work that require our attention?
2. How to enhance the efficiency of the Global Set, FDES and the expert group to steer and support methodology development?



Thank you for your attention!

For more information please contact the Environment Statistics Section
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Website: <https://unstats.un.org/unsd/envstats/>

Climate Change Statistics Website

<https://unstats.un.org/unsd/envstats/climatechange.cshtml>

and

https://unstats.un.org/unsd/envstats/ClimateChange_StatAndInd_global.cshtml

