

GCOS Implementation Plan 2022: Progress Report

GCOS Secretariat
29th Session of the GCOS Steering Committee

ГЛОБАЛЬНАЯ СИСТЕМА
НАБЛЮДЕНИЙ ЗА КЛИМАТОМ
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SYSTÈME MONDIAL
D'OBSERVATION DU CLIMAT
NOUS VEILLONS SUR LE CLIMAT

النظام العالمي
لرصد المناخ
لنضع المناخ نصب أعيننا

全球气候观测系统
密切监视气候

SISTEMA MUNDIAL
DE OBSERVACIÓN DEL CLIMA
SIEMPRE VIGILANDO EL CLIMA

GLOBAL CLIMATE
OBSERVING SYSTEM
KEEPING WATCH OVER OUR CLIMATE



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- The Secretariat recruited a Lead Author for the Implementation Plan
- Unfortunately they resigned without significant input
- The secretariat has taken the lead to fill this gap
 - Panels are drafting actions
 - Specific experts have been asked to draft various sections and chapters
 - There will be a small group meeting in January to finalise the drafting of the remainder of the report

- The Editorial Board had approved the structure
- The panels have produced lists of the most important actions
- The Secretariat has combined them into a single document based around “Themes”
- These are being reviewed by the panels to complete details and ensure a common approach
- A review of the whole draft document by an expert before the public review is planned
- In January the Secretariat will review progress and propose a revised timeline
 - Will include opportunities for SC to review drafts

1. Executive Summary
2. Introduction
3. Vision for the Global Climate Observing System
4. Essential Climate Variables
 - 4.1 Data Archives and policies
5. Status of the Global Climate Observing system
6. Improving the Global Climate observing System
 - 6.1 Introduction
 - 6.2 Theme A: Ensuring Sustainability
 - 6.3 Theme B: Filling Data Gaps
 - 6.4 Theme C: Improving Data Usefulness
 - 6.5 Theme D: Improving Data Management
 - 6.6 Theme E: Engaging with Countries and Stakeholders
 - 6.7 Theme F: Addressing Emerging needs
 - 6.8 Costs of Implementation and Costs of lack of implementation
7. Summary

- Need to include ECV requirements (link to Ch 4)
- Will include a mapping of actions to implementers
 - E.g. lists of actions for satellite agencies etc.
 - Format tbd
- Public Review in 2022
- Need to have final version for submission to UNFCCC COP 27,
 - Sharm el-Sheikh, 7th November – 18th November 2022
 - Submit at least 8 weeks before

- Theme A: Ensuring Sustainability
 - Focus on specific issues e.g. gaps in planning for satellite continuity, in situ etc
- Theme B: Filling Data Gaps
 - Important actions for the next 5-10 years (gaps in current observations and reporting)
- Theme C: Improving Data Usefulness
 - Improving data processing, QA/QC etc
- Theme D: Improving Data Management
 - Ensuring Global Data Centres for all ECV, requirements for data centres etc
- Theme E: Engaging with Countries and Stakeholders
 - Engagement and regional/national activities
- Theme F: Addressing Emerging needs
 - Improvements not part of existing work programme, (e.g. adaptation/mitigation, urban and coastal monitoring)

Action x: Example table

Actions

Activity	1) 2) 3) These are brief titles for each “activity”.
Issue/Benefits	We are aiming for about a maximum of 100 words here
Implementer(s)	List of those who implement this action. It may be needed to specify by activity....
Means of Assessing Progress	List of measurable outputs.
Details	Activity 1 Activity 2 Activity 3

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Thank you



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