

WORLD METEOROLOGICAL ORGANIZATION

Expert Team on Data Requirements
for Climate Services (ET DRC),

20 September 2023, 14:00 – 16:00 Geneva time

Original: English

Agenda

1. Introduction
2. SC-CLI-6 report
3. WMO Publications status
4. Meetings/Workshops reports
5. WMO Climate Data Catalogue update
6. Data Gaps projects
7. ClimateEurope2 project
8. DAYCLI project + Handbook update
9. Climate Data Model
10. OpenCDMS
11. Next dates
12. Closure

Participants:

Mr Markus Donat	Mr Ulrich Looser	Ms Manola Brunet
Mr Markus Ziese	Ms Xiaolan Wang	Mr Urip Haryoko
Mr Rachid Sebbari	Mr Jose Guijarro	Mr Peer Hechler
Ms Christina Lief	Mr Denis Stuber	
Ms Ge Peng	Mr William Wright	

Notes (actions and key agreements highlighted in **bold**, explanatory slides attached):

1. Introduction

The meeting was opened by Christina and Denis. The agenda was agreed by the participants.

2. SC-CLI-6 report

Christina summarized the meeting outcome (documentation and report cf.:

<https://community.wmo.int/en/activity-areas/climate/meetings/sixth-meeting-standing-committee-climate-services-sc-cli-6>)

3. WMO Publications status

- WMO-No. 49 Technical Regulations: Coordination effort needed from SC-CLI (see action below), ET DRC draft contribution re climate data available
- WMO-No. 1238 Manual on High-quality Global Data Management Framework for Climate: Coordination exercise by INFCOM pending, lead responsibility is planned to be handed back to SERCOM
- WMO-No. 1328 Guidance Booklet: WMO Stewardship Maturity Matrix for Climate Data ([Guidance Booklet: WMO Stewardship Maturity Matrix for Climate Data](#)): Recently issued

- WMO-No. 1131 Climate Data Management Specifications: Review of update ongoing, final draft expected by end of 2023; lead responsibility is planned to be handed back to SERCOM
- WMO-No. 1182 Guidelines on Best Practices for Climate Data Rescue: Final review almost completed; final draft expected by end of year 2023 (planned as joint WMO C3S publication; I-DARE portal integrated into updated C3S Data Rescue Portal; revised WMO DARE approach to be submitted to SERCOM-3 for Members' approval).

DAYCLI Handbook (update of WMO TD 1188) and Data gaps guidance in progress.

Action for Peer: Invite for a brainstorming meeting on WMO-No. 49 to agree on next steps (invitees: Manola, William, Denis, Peng, Secretariat staff)

4. Meetings/Workshops reports

- CLIMSA Data exchange Angola
- SADC workshop: Data Rescue, CDMS, Homogenization
- SADC workshop report and feedback

Short summaries were provided, and Capacity Development needs around climate observations and climate data highlighted (In this regard, Peer highlighted the outstanding contribution of MarocMétéo to capacity development in West Africa). A key stumbling block for homogenization seems to be appropriate data preparation. The Hungarian homogenisation seminar series have been mentioned and its Europe-centred dimensions noted.

Action for Peer: Talk to ETR to identify ways for enhanced capacity development activities around climate data processing and climate statistics incl. homogenization.

5. WMO Climate Data Catalogue update

At the end of a challenging year, the catalogue is now online: <https://climatedata-catalogue-wmo.org/>

6. Data gaps projects

- ET-DRC Paper on data gaps: First draft under review, final draft planned to be ready by end of year
- CLIMSA Activity 3.3: A Strategy and Action Plan for Enhancing Intra-ACP Data Availability and Sharing to Support Climate Monitoring and Risk Reduction + Follow up ET-DRC team paper lead by Lisa-Anne Jepsen: A peer-reviewed final report is planned to be published in 2024.
- Second Global Forum on Climate Science Information (Abu Dhabi) 10-12 October 2023 (William to make in person presentations): Denis, William and Peer work together to draft the presentation based on the ET DRC data gaps activity
- Additional paper addressing data gaps (Lead author Atsushi Goto, WMO): A peer-reviewed exhaustive paper on data gaps and its broader dimensions may be produced under WMO and GCF authorship during 2024/2025-time. The above global forum is expected to provide input and direction.

7. ClimateEurope2 project

Denis and Peng shared insights: Important overarching climate data and information aspects are addressed in this project with the aim of standardizing climate services, including Metadata, traceability, verification, uncertainty etc. A close collaboration seems to be desirable. Denis, Peng and Markus D. will observe and follow up.

8. DAYCLI project + Handbook update

A brainstorming with WMO WIS Branch is planned for 26 September 2023 (meanwhile moved by WIS to November 2023) to clarify next steps (initiating letter by Secretariat, DAYCLI Handbook, regional consultations, DAYCLI monitoring etc.).

9. Climate Data Model (CDM)

Denis reported of ongoing discussions within TT CDM and noted limited CDMS expertise among its members.

10. OpenCDMS

Current work comprises integration of the CDM as well as alignment with WIS 2.0 technology and approach. Pilot work is done with Belize and more pilot implementations are planned for 2024.

Action for Christina, Denis, Peer: Make sure that OpenCDMS becomes a standing agenda item for ET DRC with appropriate representation/reporting from the OpenCDMS project.

11. Next Dates

- 4 October 2023, SERCOM Management Group Q3
- 10-12 October 2023, Second Global Forum on Climate Science Information (Abu Dhabi)
- 30 October – 2 November 2023, 2nd F2F SERCOM MG Meeting
- November 2023, COP28
- December 4-5 2023 : WMO No. 1131 Write-Shop
- December 6-8 2023 ET-DRC Working session (Concept outline with suggested participation circulated)
- January 2024 (date TBD) ET-DRC team video call meeting
- March 2024, End of ET-DRC intersessional Session. Start of SERCOM-3.

12. Closure

The meeting was closed by the Co-Chairs shortly after 4 p.m. Geneva time.