

Expert-Team on Data Requirements for Climate Services (**SERCOM/ET-DRC**)

Collaboration / Common tasks with

Expert-Team on Information Management
(**INFCOM/ET-IM**)



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale

- ✓ ET-DRC ?
- ✓ Which common tasks with ET-IM
- ✓ How to proceed & how to better work together?













ET-DRC: Terms of Reference

- ✓ Define modern standards and good practices for climate data management including collection, exchange, archiving and rescue of historical and current data for use in climate monitoring and other climate applications, and the development of related systems and Information technology;
- ✓ Promote international projects and initiatives for ensuring the delivery of high-quality Climate Data and their inclusion / reference in the WMO Catalogue of Climate Data.

Who from ET-DRC ?

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In **bold blue** people from the Expert Team on Information Management (ET-IM)

Tasks & Deliverables

SERCOM / ET-DRC	INFCOM / ET-IM
To specify a standard to exchange and manage Data Rescue Information	Review and develop technical resources and best practices related to historical records management and data rescue,
To update the Specifications for CLIMATE DATA MANAGEMENT SYSTEM WMO-No. 1131	Support the development of a reference open-source Climate Data Management System (CDMS) for climate and hydrological data management (OpenCDMS)
To specify the information on quality that should accompany data values of variable (Flagging system)	
To help defining new tools for collecting Normals, World Weather Records, etc.	Review and develop technical resources and best practices related to historical records management and data rescue
Guidance and recommendations for full WIS 2.0 utilization for climate data and products	Maintain and develop recommended practices and technical guidance material for information management to meet the needs of Members, WIS and WMO Programmes
Maintenance and update of the WMO Manual on High Quality Global Data Management Framework for Climate	Propose updates to incorporate standards and practices for information management under WIS Part C in the Manual on WIS (WMO No. 1060) and Guide to the WIS (WMO No. 1061)



Discussion points

METCE : status point? Is it currently used? Who is in charge of the maintenance and update?

METCE : Modèle pour l'Echange du Temps, du Climat et de l'Eau (*METCE*) or Model for the exchange of Weather, Climate and Water. (AIXM for the Civil Aviation)

WIS DAR (Discovery Access and Retrieval) Catalogue (ISO 19115)

How to use it for climate data ?

Do we need to write use cases ? E.g. access to WMO datasets catalogue with the Maturity Matrix information ? Etc.

List available software or services to help NMHSs e.g. for coding/decoding BUFR (DAYCLI messages) – WIS in a Box

Be part of or more concerned with MetOcean

(https://external.ogc.org/twiki_public/MetOceanDWG/WebHome) and Hydrology (<https://www.ogc.org/projects/groups/hydrologydwg>) Domains Working Group

How to better work together ?

