



WMO



WMO DATA CONFERENCE

EXCHANGE OF EARTH SYSTEM DATA
IN THE 21ST CENTURY

#WMOData

16 - 19 NOVEMBER 2020
VIRTUAL CONFERENCE

Programme

Theme 1 Online Workshop: Changing Landscape of Weather and Climate Data

24 September 2020 - 14h00 to 16h00 CEST

Held in English

In preparation for the WMO Data Conference, this online workshop asks stakeholders to explain and examine their differing perspectives on WMO Data Policy. Discussions will focus on three topics:

1. Data exchange from the 1960s to today: what has changed and what will need to change?
2. WMO data policy: for Members or for their NMHSs?

The meeting will be moderated, with guest speakers, and there will be an opportunity to participate in the topic discussions.

Expected output: A report to the WMO Data Conference in November, summarizing views on which elements of the current WMO Data Policy do or do not work, and how the policy should evolve.

Co-Chairs:

- Sue Barrell, Australian Bureau of Meteorology, Chief Scientist (retired); former Vice-President WMO CBS and former Chair of the Inter-commission Coordination Group, WIGOS
- Michel Jean, Environment and Climate Change Canada, Director General; former President WMO CBS

Speakers (TBC):

- Charles Ewen, UK Met Office, Director of Technology and Chief Information Officer
- Agnes Lawrence Kijazi, Tanzania Meteorological Agency, Director General; Third Vice-President of WMO
- Anthony Rea, WMO Infrastructure Department, Director
- Jean-Noël Thépaut, Copernicus Services, Director, ECMWF

[Link to register to workshop on theme 1](#)

(<https://zoom.us/meeting/register/tJ0udO-uqzIjE9GRVJQJauLgOmY>)

To Prepare – Background

Relevant context:

- The role that data exchange plays in meteorology and other earth science disciplines
- The WMO Convention; Resolutions 40 (Cg-XII, 1995), 25 (Cg-XIII, 1999) and 60 (Cg-17, 2015) of the World Meteorological Congress; and data

exchange at the time when these were adopted versus data exchange today

Current drivers for change:

- Going beyond “just weather”: Earth System monitoring and prediction – data challenges
- Explosive growth in societal demand for information about weather, climate, hydrology, atmospheric composition, space weather, etc.
- More data and information available for weather/climate-informed decision-making; technology, new data, ‘data revolution’
- Evolving role of NMHS and of governments in WMO activity areas
- Desire to unify WMO’s data policy

Stakeholders:

- Developed and developing Members
- Professionals from meteorology and other related earth science disciplines
- NMHSs and other government entities
- Public and private sectors
- Operational weather, water and climate services
- Research community

Time (CEST)	Item /Title	Speaker/Presenter
14:00–14:15	Welcome and opening remarks from Workshop Co-Chairs: Changing Landscape of Weather and Climate Data; preparations for the WMO Data Conference	Michel Jean Sue Barrell
14:15-14:30	Introduction from WMO: Data exchange and data policy from the WMO Convention via Resolutions 40, 25 and 60 to Resolution 42	Anthony Rea Lars Peter Riishojgaard
14:30–14:45	Invited presentation: “Data requirements and data policy seen from ECMWF and Copernicus” (title TBC)	Jean-Noël Thépaut , Copernicus Services, Director, ECMWF
14:45–15:00	Invited presentation: "Changing Landscape of Weather and Climate Data: Perspectives of NMHSs in RA1"	Agnes Lawrence Kijazi, Tanzania Meteorological Agency, Director General; Third Vice- President of WMO
15:00–15:15	Invited presentation: “Data landscape in 2020 and beyond” (title TBC)	Charles Ewen , UK Met Office, Director of Technology and Chief Information Officer
15:15–15:45	Discussion	Moderated by the co- chairs
15:45–16:00	Wrap-up	Co-chairs