

**First Announcement of the
2023 WMO Core Satellite Data Workshop
4-7 December 2023**

Following in the footsteps of WMO Data Conference and GDPFS Symposium, WMO is thrilled to announce the 2023 Core Satellite Data Workshop. The primary objective of this stakeholder consultation is to establish a common view of the core satellite data definition for Numerical Weather Prediction (NWP) and nowcasting. We will be updating the initial list of Earth system satellite data that will be exchanged as core data and will also be finalizing WMO Regulatory and Guidance materials to ensure a commitment to providing core satellite data.

Outcomes of Resolution 1 – why are we doing this?

The 2021 Extraordinary World Meteorological Congress approved Resolution 1, WMO Unified Policy for the International Exchange of Earth System Data, and the Commission for Observation, Infrastructure, and Information Systems (INFCOM) was tasked to review the data and products specified in the Manual on the WMO Integrated Global Observing System (WMO-No. 1160) and update the list of core satellite data to meet the needs of Members.

Expected Outcomes

- The review of existing satellite data-sharing policies through case studies at the national/international space agencies level.
- The identification the initial sets of Core and Recommended satellite data that will greatly benefit Numerical Weather Prediction (NWP).
- Addressing the main obstacles to increased exchange of satellite data and specific opportunities to overcome them.
- Recommendations for decision-making at the WMO Executive Council in 2024, specifically focusing on the current needs and modalities for satellite data exchange.
- The specifics of which data are to be considered Core and Recommended will be incorporated into the Manual on the WMO Integrated Global Observing System.

Format

The workshop will be held at the WMO building, in Geneva, Switzerland. The meeting will take place in person. Live streaming of the proceeding is proposed for those who are not able to attend.

This dynamic event will feature guest speakers, contributed papers, and a stimulating moderated panel discussion with active audience participation. The closing session will formally present the workshop outputs, consolidating the collective effort and progress achieved.

Intended Participants (by invitation only):

- WMO Members

- Space agencies
- NWP and data assimilation community members
- Non-governmental service providers
- Academia

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