



WORLD  
METEOROLOGICAL  
ORGANIZATION

# GDPFS Symposium on Requirements for NWP Data and Products

📅 29-31 August 2022

👤 WMO headquarters  
Geneva, Switzerland

🌐 [https://community.wmo.int/  
meetings/gdpfs-symposium-2022](https://community.wmo.int/meetings/gdpfs-symposium-2022)

The extraordinary session of the World Meteorological Congress in 2021 adopted the [WMO Unified Policy for the International Exchange of Earth System Data \(Resolution 1 \(Cg-Ext\(2021\)\)\)](#). One important outcome is broader and easier access to high-quality numerical weather prediction (NWP) and analysis products for Members. The Infrastructure Commission was requested to review the NWP data and products specified in the Manual on the Global Data-processing and Forecasting System (GDPFS) (WMO-No. 485) and update the list of core data to meet the needs of Members.

The GDPFS Symposium on Requirements for NWP Data and Products will seek to accelerate the evolution of the GDPFS, improve data discoverability and accessibility, and identify the needs of Members on NWP data and products.

## KEY OBJECTIVES

- Review existing capabilities and activities of GDPFS for short-range to seasonal numerical prediction.
- Articulate user requirements for data and products of short-range to seasonal numerical prediction from Members, and understand shortcomings in current capabilities.
- Identify concrete actions to ensure that the GDPFS meets all key requirements from Members.
- Develop a coordination mechanism among World Meteorological Centres (WMCs) and Regional Specialized Meteorological Centres (RSMCs) to better leverage GDPFS activities.

## EXPECTED OUTCOMES

- Collection of needs on short-range to seasonal numerical prediction, and identify gaps in the current provision by GDPFS centres.
- Evolution of the existing GDPFS activities to prepare and provide core data of short-range to seasonal numerical prediction.
- Mechanism to support Members to access high-resolution global NWP data and products, including the initial and boundary conditions for limited-area models.
- Establishment of a coordination mechanism among WMCs and RSMCs to facilitate the implementation of new requirements to meet user needs.

The Symposium will be conducted primarily as a face-to-face meeting; however, remote access will also be made available. Participation in the Symposium is open to all. Please register as soon as possible. Details on registration are available on the [meeting web page](#).

In order to collect user needs on NWP data and products, WMO Members are also invited to respond to [an online survey on requirements for NWP data and products](#) by 7 July 2022.

## Contact

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