WMO OMM



World Meteorological Organization Organisation météorologique mondiale Organización Meteorológica Mundial Всемирная метеорологическая организация المنظمة العالمية للأرصاد الجوية 世界气象组织 Secrétariat 7 bis, avenue de la Paix – Case postale 2300 CH 1211 Genève 2 – Suisse Tél.: +41 (0) 22 730 81 11 Fax: +41 (0) 22 730 81 81 wmo@wmo.int – public.wmo.int

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Annex: 1 (available in English only)

Subject: Confirmation of information of your designated Global Data-processing and Forecasting System Centre(s) (GDPFS)

Action required: To review the information of your Centre(s) on a new web portal for designated GDPFS Centres and inform the WMO Secretariat of any updates no later than **17 December 2021**

Dear Sir/Madam,

I am pleased to inform you that a new web portal for designated Global Dataprocessing and Forecasting System (GDPFS) Centres (hereafter web portal) is being developed and aiming for official release by the end of 2021. Its preview version is accessible at https://community.wmo.int/gdpfs-web-portal.

The initiative of the web portal is to improve discoverability and accessibility of information and products of designated GDPFS Centres, which is aligned with Objective 2.3 of WMO Strategic Plan 2020–2023 and one of the key priority areas of the Collaborative Framework for Seamless GDPFS endorsed by the World Meteorological Congress at its eighteenth session, through its Resolution 58 (Cg-18) - Future Integrated Seamless Global Data-processing and Forecasting System Collaborative Framework. The web portal integrates essential information of all designated GDPFS Centres including focal points, links to the Centres' website and links to the GDPFS products. A brief introduction of the web portal is attached in the annex.

To: Permanent Representatives of Members with WMO: Algeria; Argentina; Australia; Austria; Brazil; Canada; Chile; China; Egypt; Fiji; France; Germany; Greece; Hong Kong, China; India; Italy; Japan; Kenya; Libya; Mauritius; Morocco; Netherlands; New Zealand; Norway; Pakistan; Peru; Republic of Korea; Russian Federation; Senegal; South Africa; Spain; Tunisia; United Kingdom; United Republic of Tanzania; United States of America (limited distribution)

Dr Florence Rabier, Director-General, European Centre for Medium-Range Weather Forecasts (ECMWF)

Dr Andre Kamga Foamouhoue, Director-General, African Centre of Meteorological Applications for Development (ACMAD)

Dr David Farrell, Principal of the Caribbean Institute for Meteorology and Hydrology (CIMH) Dr Guleid A. Artan, Director, Intergovernmental Authority on Development (IGAD) Climate Prediction and Applications Centre (ICPAC)

Mr Rodney Martinez, Director of International Research Centre on El Nino (CIIFEN)

cc: Dr Arlene Laing, Permanent Representative of the British Caribbean Territories with WMO

In this regard, I would be grateful if you could review the information of your designated GDPFS Centre(s) on the web portal and give permission to display such information on the WMO website. If you would like to update certain information on the web portal, please inform the Earth System Prediction Division of the Secretariat, by email to dpfsmail@wmo.int, on or before **17 December 2021** to ensure the web portal displays the most up-to-date information on its official release.

I would like to take this opportunity to express my sincere thanks to you and your Service for your continued support to the WMO Global Data-processing and Forecasting System.

Yours faithfully,

Dr Wenjian Zhang for the Secretary-General

Introduction of the Web Portal for designated Global Data-processing and Forecasting System Centres

The new web portal for designated Global Data-processing and Forecasting System (GDPFS) Centres is a one-stop page for the GDPFS. It displays essential information of the System (Figure 1). A list of GDPFS activities spanning from general-purpose activities, specialized activities to non-real-time coordination activities, in combination with a world map showing all the designated Centres, gives users an overview of scope and functions of the GDPFS. The number of activities, the number of designated Centres or Networks, the geographical statistics, as well as the list of designated Centres are fully interactive based on the clickable filters on Regional Associations (RAs) and/or GDPFS activities.



Figure 1: Display of the web portal. All contents on the page are dynamically controlled based on the selectable filters in the leftmost column. The web portal is available only in English.

The web portal is designed to achieve core functions on data discoverability and accessibility (Figure 2). The list of mandatory GDPFS products will be displayed once a user selects a designated centre. Users will find handy links for each of the mandatory GDPFS products that will link directly to its corresponding metadata record on the WMO Information System (WIS). This creates a seamless linkage between GDPFS and WIS, allowing all users to quickly and easily discover information of GDPFS products on the WIS. Through the data download information in the metadata records, Members will be able to obtain data from WIS. To complement the download option from WIS, in particular as more designated Centres make their high-resolution products available through an inventory or open data server, the web portal also displays direct links to such inventories or open data servers, if available. The various options provided by the web portal will greatly enhance data discoverability and accessibility of GDPFS products.

Apart from products, essential information of each of the designated Centres will also be displayed on the web portal, for example, focal points of designated GDPFS Centres. The focal points are linked to the WMO Community Platform where, after login, Members will be able to get detailed contact information of the Centres. Members will find it much easier to look for contacts of designated Centres, facilitating communication among the GDPFS community.



Figure 2: Example page view showing the information and product links for Regional Specialized Meteorological Centre – European Centre for Medium-Range Weather Forecasts (RSMC ECMWF) (Global deterministic numerical weather prediction).