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| WEATHER CLIMATE WATER | **World Meteorological Organization**  **COMMISSION FOR OBSERVATION, INFRASTRUCTURE AND INFORMATION SYSTEMS**  **Third Session** 15 to 19 April 2024, Geneva | **INFCOM-3/Doc. 8.4(4)** |
| Submitted by: Chair of SC-ESMP  29.II.2024  **DRAFT 1** |

**AGENDA ITEM 8: TECHNICAL DECISIONS**

**AGENDA ITEM 8.4: WMO Integrated Processing and Prediction System**

# DEMONSTRATION OF THE WMO INTEGRATED PROCESSING AND PREDICTION SYSTEM ROLLING REVIEW OF REQUIREMENTS

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| **Summary** |
| **Document presented by:** Chair of the Standing Committee on Data Processing for Applied Earth System Modelling and Prediction (SC-ESMP)  **Strategic objective 2024–2027:** 2.3 Enable access and use of numerical analysis and Earth system prediction products at all temporal and spatial scales from the WMO seamless Global Data Processing and Forecasting System  **Financial and administrative implications:** within the parameters of the Strategic and Operating Plans 2024–2027.  **Key implementers:** INFCOM, in consultation with SERCOM, RB and RAs  **Time frame:** 2024–2027  **Action expected:** Review the proposed draft decision. |

# DRAFT DECISION

## Draft Decision 8.4(4)/1 (INFCOM-3)

### Demonstration of the WMO Integrated Processing and Prediction System Rolling Review of Requirements

**The Commission for Observation, Infrastructure and Information Systems:**

**Having examined** the WMO Integrated Processing and Prediction System Rolling Review of Requirements (WIPPS RRR) as a systematic and transparent process to support the high-level design and evolution of WIPPS based on evolving user requirements and continuous improvements for analyses (including re-analysis) and predictions, as proposed in [INFCOM-3/ INF. 8.4(4)](https://meetings.wmo.int/INFCOM-3/_layouts/15/WopiFrame.aspx?sourcedoc=%7b97E81C0E-ADB4-40B6-AB44-A039987B0B08%7d&file=INFCOM-3-INF08-4(4)-WIPPS-ROLLING-REVIEW-OF-REQUIREMENTS_en.docx&action=default),

**Decides** to request the Standing Committee on Data Processing for Applied Earth System Modelling and Prediction (SC-ESMP):

(1) To demonstrate the WIPPS RRR collaborating with the Commission for Weather, Climate, Hydrological, Marine, and Related Environmental Services and Applications (SERCOM);

(2) To report back the result of the demonstration including refined the WIPPS RRR to INFCOM-4 (2026);

**Invites** SERCOM, especially the Standing Committee on Disaster Risk Reduction and Public Services (SC-DRR) and the Standing Committee on Climate Services (SC-CLI), to join the demonstration.

See [INFCOM-3/INF. 8.4(4)](https://meetings.wmo.int/INFCOM-3/_layouts/15/WopiFrame.aspx?sourcedoc=%7b97E81C0E-ADB4-40B6-AB44-A039987B0B08%7d&file=INFCOM-3-INF08-4(4)-WIPPS-ROLLING-REVIEW-OF-REQUIREMENTS_en.docx&action=default) for more information.

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Decision justification: Development and implementation of RRR is identified as one of the key priority areas in the annex to [Resolution 58 (Cg-18)](https://library.wmo.int/idviewer/56690/193) – Future Integrated Seamless Global Data Processing and Forecasting System Collaborative Framework. The development of the WIPPS RRR is also considered as one of the priority actions to understand the user requirements on WIPPS products for Early Warnings for All initiative, as listed in [draft Decision 7.1/1 (INFCOM‑3)](https://meetings.wmo.int/INFCOM-3/English/Forms/AllItems.aspx?RootFolder=%2FINFCOM%2D3%2FEnglish%2F1%2E%20DRAFTS%20FOR%20DISCUSSION&FolderCTID=0x0120004D58D6EBC5C7054898FF36E91D58C193&View=%7B84F6CC21%2D2DD6%2D403B%2DB16A%2D97A4B833DE2B%7D).

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