Rolling Review of Requirements (RRR)
1st Introductory workshop

(RRR-Wrkshp-1, Virtual meeting, 17 May 2023)

WEATHER CLIMATE WATER
TEMPS CLIMAT EAU

1. Welcome & Introduction

(Estelle Grueter)

WMO OMM

World Meteorological Organization
Organisation météorologique mondiale

Purpose and High-Level Goals of RRR for Observations

- **Purpose**
  - Help WMO Members deliver socio-economic benefits through provision of products and services delivered by WMO Application Areas.
- **High level goal**
  - Guide WIGOS evolution,
  - Guide Members and partner organizations to evolve their observing systems in support of WMO Applications in the most cost-effective way, with consideration of identified gaps and according to WMO's priorities.

What does the RRR do?

- Documents observational user requirements of WMO Application Areas,
- Assesses the capabilities of observing systems and their adequacy to address user requirements,
- Performs gap analysis and critical review,
- Contributes to WMO Technical Regulations, as needed,
- Informs the **High Level Guidance** provided to Members and partner Organizations on the evolution of WIGOS, GBON and RBON.

The SCOPE of RRR for Observations

- Addresses the observational requirements for all WMO Applications, in principle, but this necessarily varies with maturity and community engagement.

RRR oversight is provided by INFCOM/SC-ON via JET-EOSDE.

Is carried out by Points of Contact, one for each AA.

RRR challenges

- **Different levels of maturity between Application Areas**
  - Current gaps in Hydrology, Agromet, Aeromet, Atmospheric Composition, …
- **Specific nature of some Application Areas**
  - Hydrology and consideration of 1D features (rivers), or local/regional requirements.
- **Some Application Areas too generic**
  - Sub-applications needed.
- **Recording of regional requirements for RBON**

The Earth System approach

- The Earth System approach is a key concept in the WMO Strategy.
- RRR responds to societal needs across all Earth System domains, in weather, water, climate, environment and cryosphere.
- The RRR also covers requirements that exist at the interface between Earth System domains.

In today's workshop we will hear about how this is done in practice.

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Thank You

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