



World Meteorological Organization

Weather • Climate • Water

# Activities of Pertinence to RA II WGHS

Paul Pilon, C/HFWR

# Previous & Future Activities/Meetings

- FFI-AG-2 (December 2015)
    - Direction setting
  - AWG-3 (February 2016)
    - Draft Future Work Programme and Structure
  - RA II MG Meeting (June 2016)
    - RA II Operating Plan (2016-2019)
  - EC-68 (June 2016)
    - DRR Roadmap & HWRP Relevant Decisions
  - CHy-15 (December 2016)
  - RA II Session (February 2017)
  - **Decisions, Resolutions, Future Programme & Structure**
- 



# FFI-AG-2

- Yuri Simonov and Johnson Maina undertook as members of the FFI-AG a comprehensive review of [Strategy and Action Plan](#) and its [Supplement](#)
  - need to strengthen the focus of the FFI on forecasting
  - need to place the highest priority on activities associated with short- to medium-term forecasting
  - the terminology within the SAP is heavy and confusing, while the amount of material is overwhelming



## FFI-AG-2 (continued): Developed new Work Plan

- Task 1: ensuring that all major demonstration projects and components, including but not limited to Coast Inundation Forecasting Demonstration Project (CIFDP), Severe Weather Forecast Demonstration Project (SWFDP), Flash Flood Guidance System (FFGS), include the requirements/best practices for effective and sustainable flood forecasting in their design and implementation.
- Task 2: ensuring guidance material is available for NMHSs and for donors, NGOs, and other organizations working to strengthen flood forecasting capabilities in national services.



## FFI-AG-2 (continued)

- Task 3: facilitating the development of an inventory of existing training programmes and related reference materials across the entire spectrum of training needs for End-to-End (E2E) systems for flood forecasting, identifying weaknesses/gaps, and recommending development of additional materials to overcome weaknesses/fill gaps.
- Task 4: ensuring access to guidance material and trainings through the IFM HelpDesk



# EC-68 on FFI-AG...

- endorsed the FFI-AG and its work plan for 2016-2019 in order to:
  - (1) Ensure that all major demonstration projects and components include the requirements and reflect best practices for effective and sustainable flood forecasting in their design and implementation;
  - (2) Establish a team to develop assessment guidelines for End-to-End Early Warning Systems (E2E EWS) for flood forecasting and assist Members in their assessment of flood forecasting capabilities.



## EC-68 also...

- urged the WMO/GWP Associated Programme on Flood Management (APFM) to design an appropriate interface to offer assistance through its HelpDesk for Members wishing to strengthen their End-to-End Early Warning Systems (E2E EWS) for flood forecasting
- requested CHy to investigate the applicability and advantages of new protocols, such as the Common Alerting Protocol (CAP), in public alerting for hydrological hazards.



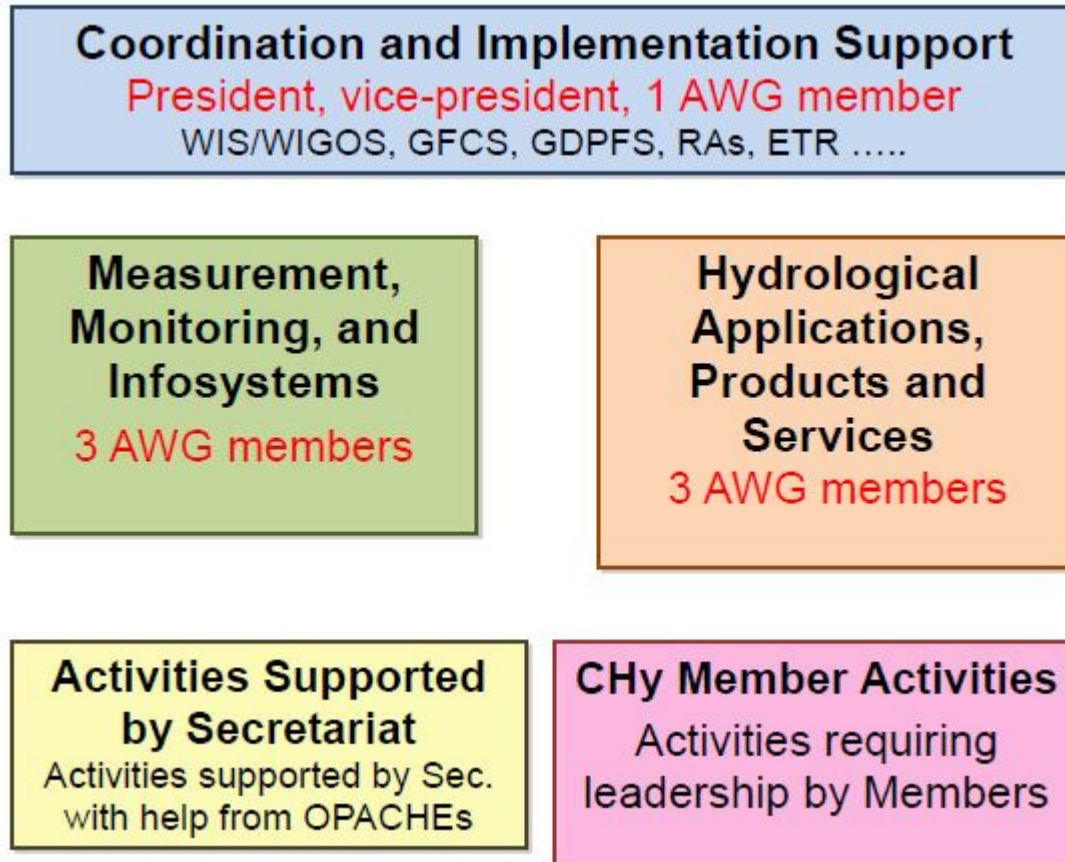
## EC-68 also

- requested that WMO finalize a WMO DRR Roadmap that will guide WMO activities in all components of disaster risk management as well as their further enhancement and coordination across WMO constituent bodies and programmes.





# AWG-3: CHy Proposed New Structure



# 3 Proposed CHy Focus Areas

- 1) Coordination and Implementation Support
  - RAs, ETR, APFM and IDMP, WIS/WIGOS, GFCS, GDPFS;
  
- 2) Measurement, Monitoring and Infosystems
  - WHOS, GHSF, Project X, QMF-H, Networks, Innovation and new data; and
  
- 3) Hydrological Applications, Products and Services
  - WRM and drought, EHP, DRR, Flood Forecasting Services Evaluation, FFI (Co-chair CIFDP, join sub-projects, work with SWFDP..., APFM



# Additional Proposed CHy Activities

- There are several others...
  - Prepare guidance on conveying probabilistic forecasting to different users of the water community;
  - Operational guidelines that represent water availability and water supply reliability (including indicators); and
  - Organize technical training and data exchange tools to support IWRM.



# RA II Operating Plan 2016-2019

- See Word Document...



# The Challenge for us...

- Assess progress – major outputs
  - Reports and guidance, software, training material, presentations...
- Develop activities consistent with Operating Plan
  - Need additional details
  - Emphasize advancing Member capabilities
- Develop structure of new WGHSs
  - 2 or 3 Expert Groups (similar to other WGs)
    - Similar to CHy or something else:
      - EG on Capacity Development (and Monitoring)
      - EG on Hydrological Forecasting and Warnings



# The Challenge to us... (continued)

- Decisions required of RA II for Hydrology?
- Resolutions to put forward?





**World  
Meteorological  
Organization**

Weather • Climate • Water

Thank you for your attention

Paul Pilon

ppilon@wmo.int

asayin@wmo.int