

WMO RA VI – STRUCTURE AND WORK PROGRAMME 2009 - 2013

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RA VI Hydrology Forum
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New RA VI work structure 2009 –

Management Group

- Chair: Ivan Cacic, Croatia

WG on Technology Development and Implementation

- Chair: Jochen Dibbern, Germany

WG on Climate and Hydrology

- Co-chair (climate): Anahit Hovsepyan, Armenia
- Co-chair (hydrology): Markku Puupponen, Finland
- Separate Expert Groups on Climate and Hydrology

WG on Service Delivery and Partnership

- Chair: Axel Thomalla, Germany

WG Technology Development and Implementation Work Plan

- Regional Migration to Table Driven Code Forms
- Re-design of the RA-VI Regional Basic Observing Network
- WMO Information System (WIS) Development and Implementation
- Regional Meteorological Data Communication Network
- Regional Instrument Centres

5.6.2012

WG Service Delivery and Partnership Work Plan

- Service Applications and Improvement
- Media and Communication
- Warning Services
- Socio-Economic Benefits
- Disaster Risk Reduction (DRR) and Cooperation
- EU and Partnership

WG Climate and Hydrology / EG Climate Work Plan

- Regional Climate Centres (RCC)
- Regional Climate Outlook Forum (RCOF)
- Drought Management
- Data Rescue
- Agrometeorology

WG Climate and Hydrology / EG Hydrology Work Plan

- Hydrometry
- Potential Extreme Floods
- Water Scarcity and Drought
- Flood Forecasting and Warning (methods approach)
- Hydro-Meteorological Early Warning Systems (operational systems approach)
- Climate and Water

Task Team Hydrometry

- Coordinator Dominique Berod, Switzerland
- Focus on hydrological monitoring networks and measurement technologies, during 2009 – 2013 monitoring networks
- Survey on RA VI hydrological networks and network design in early 2012
- Co-organizer of RA VI Hydrology Forum 2012

Task Team Potential Extreme Floods

- Coordinator Bogdan Ozga-Zielinski, Poland
- Two technical reports have been published – both will be available at the WMO HOMS tool box; a handbook on the best practices of Methods for River Discharge Characteristics Estimation is under preparation
- Close links with EU Floods Directive implementation and the EurAqua network

Task Team Water Scarcity and Drought

- Coordinator Giuseppina Monacelli, Italy
- Within WG CH, close collaboration with Task Team Drought Management (common activity report)
- Close links with the EU Expert Group on Water Scarcity and Drought (WSD indicators) and the European Commission Joint Research Centre (coordination needs related to the JRC Drought Observatory)
- Co-organizer of a European Drought Workshop in 2011; the workshop had 70 participants and a session on WMO drought related activities

Task Team Flood Forecasting and Warning

- Coordinator Ilmar Karro, Sweden
- Focus on methodological developments in flood forecasting, especially in the fields of
 - estimation of uncertainties
 - methods for verification
 - forecasting of flash floods (meteorological and hydrological aspects)
 - low flow forecasting
 - follow-up of the EFAS process (European Flood Alert System)
- Annual “newsletter” that are available on the RA VI website

Task Team Hydro-Meteorological Early Warning Systems

- Coordinator Caroline Wittwer, France
- Focus on operational warning systems; main activity mapping of early warning services in the region and summary report on the best practices
- Plan to demonstrate the best practices on a web portal

Task on Climate and Water

- Coordinator Esko Kuusisto, Finland
- Questionnaire on climate change challenges to RA VI NHSs in 2011
- Report based on 19 responses available on the RA VI website

Synergies within RA VI working groups

- **Within WG Climate and Hydrology:** all climate related activities are interesting and relevant from the point of view of hydrological services – this will give a good starting point for the future work
- **New WMO “flagship” Global Framework for Climate Services (GFCS)** is highly potential also for Hydrological Services
- **With WG Technology Development and Implementation:** issues related with observation networks and instruments are also NHSs’ core business
- **With WG Services Delivery and Partnership:** issues related with hydrological services (warnings, ...) and related partners are also NHSs’ core business

Positive developments ...

- New **integrated structure** keeps the hydrological community better aware of the “WMO mainstreams”
- It will also promote **joint activities** between the WMO water and weather/climate communities
- New **working culture** – “towards continuous dialogue” instead of “one meeting every four years” – improves networking and allows a more proactive action