



World Meteorological Organization

Weather • Climate • Water

WMO, Second Meeting of the RA VI Hydrology  
forum, 24-26 September 2014, Warsaw

**Group work**

# Actions 2012-2014

Action #	Name
2012.1	Operational maintenance procedures of networks, synthesis of security regulations
2012.2	Inventory of monitoring needs; network optimization and strategic planning
2012.3	Case studies on network design practices
2012.4	Harmonization of methodologies, quality control and access to data
2012.5	Positioning of the RA VI hydrological community in respect to decision makers and other expert and science communities
2012.6	Identifying national focal points
2012.7	needs in harmonization of monitoring network and of hydrological data processing on transborder rivers
2012.8	Improving formalized data sharing procedures with regard to data centres; simplify data exchange for day to day operational requirements of NHSs
2012.9	Joint resource mobilization for enhancing cooperation in the region

Action	Achieved, to continue, to adapt	Comments
2012.1	Needs to be continue'	<p>Not many responses from member countries. We can e-mail all members the survey again. Sharing best practices may be useful. The survey can include other parameters of hydrological cycle (evaporation, soil moisture, humidity, snow, etc)</p>
2012.2	Needs to be continued and should be combined with network design	<p>Design and optimization of hydrometeorological networks is important and we need to go further. Techniques for hydrometeorologic network design would be useful to share. Updating the WMO guidelines can be a contribution of the group to WMO. Hydrometric communication is also important issue and possible alternatives can be assessed in the second phase.</p>
2012.3	See above	
2012.4	Need to be continued	<p>Political willingness and technical issues (e.g. quality control and management issues)  Dissemination of the paper of Harry Dixon  Automatic methods for data validation are important  Workshops for harmonization of data  Presentations discussing recommendations software can be assessed during the workshop  E-forum may be better way to share documents.  E-learning process can be applied.</p>

2012.5	Need to be continued but no strong idea for taking forward	Cost actions can be an alternative platform for data sharing policy studies. Collective efforts against budget cuts
2012.6	Completed	Mission completed. If any change happens it will be useful to inform Mr/ Tomasso Abrate.
2012.7	Completed	It is clear for now and issue will be taken forward in other area.
2012.8	Continue	It is an ongoing process needs to continue not only for EU but also other reporting (e.g. scientific community EEA reports requirements) Negotiations are necessary with countries. Ground water and reservoir levels' water quality parameters can be included. Charge for data is a main obstacle in regards to data sharing. Same data request with different international organizations It would be useful to go further. Some of the organizations dealing with reservoir operations others flood management and so on. Help needed from other organizations EEA' IFAS OECD (EEA expressed his support to this subject).
2012.9	Continue and expand	We couldn't find funding but we need this facilitation for future. But if any group can find a fund; this group can help resource mobilization. There are contacts with WMO resources mobilization unit World Bank It can be evaluated to apply Horizon 2020 with a core group of Hydrology Forum as an alternative. Need to determine actual needs of the region. Application for fund is possible with more then one countries' this is an advantage. We need continue in this area' unfortunately we weren't successful. We determine the needs

# Question 2: requested new actions 2014-2016

Action #	Short description
2014.1	<p><b>Network Operation and Maintenance Practices</b></p> <ol style="list-style-type: none"> <li>1) Continue &amp; expand review of Member States needs</li> <li>2) Synthesis results to identify common problems</li> </ol>
2014.2	<p><b>Resource Mobilization</b></p> <ol style="list-style-type: none"> <li>1) Setup focal point for collation of needs &amp; opportunities (link with Resource Mobilization Unit)</li> <li>2) Collate listing of specific Member States needs which could be addressed by joint projects</li> </ol>
2014.3	<p><b>Network Design &amp; Optimization</b></p> <ol style="list-style-type: none"> <li>1) Complete state-of-the-art review of current design and optimization practices</li> <li>2) Feed results of review into the updating of WMO Guidelines (if agreed with CHy)</li> </ol>
2014.4	<p><b>Data Operations</b></p> <ol style="list-style-type: none"> <li>1) Review quality control procedures used by NHMS</li> <li>2) Organize QC workshop</li> <li>3) Setup e-forum</li> <li>4) Investigate personnel exchanges</li> </ol>
2014.5	<p><b>Data Sharing</b></p> <ol style="list-style-type: none"> <li>1) Continue data requests from GRDC</li> <li>2) Conduct assessment of multi-organization needs for data (WMO, EEA, etc...) and suggest improvements</li> <li>3) Consider international data exchange needs other than those for discharge data (e.g. lake levels, etc...)</li> </ol>
2014.6	<p><b>Positioning with decision makers</b></p> <ol style="list-style-type: none"> <li>1) Investigate possible application for COST Centre funding to take Forum activities forward</li> <li>2) ?</li> </ol>
2014.7	

### Question 3: priorities (1=high, 2=medium, 3=low) and deadline

Action #	Priority	Deadline	Action #	Priority	Deadline
2012.1			2014.1		
2012.2			2014.2		
2013.3			2014.3		
2012.4			2014.4		
2012.5			2014.5		
2012.6			2014.6		
2012.7			2014.7		
2012.8			2014.8		
2012.9			2014.9		

# Question 4a: possible contribution to actions (champion – support)

Action #	Name

# Question 4b: possible contribution to WG-CH (additional support)

Action	Name
RCC-RCOF: contribution of hydrology	
Climate Watch System:contribution of hydrology	
Agricultural Meteorology (no need)	
Water Scarcity and Drought	
Hydrological modeling, forecasting and warning	
Data operations & Management	



# Groups

#	Names
1	<u>Chair: Harry Dixon</u>
2	<u>Chair: Cristina Alionte Eklund</u>