

RA VI Working Group on Climate and Hydrology

Proposal for Work Plan 2010 - 2013 / AH & MP / 2010-02-10

Version 1: Tasks grouped according to theme areas

ER	ST	KO	TT	Task	Deliverable/Activity	Id	Source Cmte	Source id	Due	Resp.	Comment / main partners	Meeting
				Theme area: Data and observations								
3 (4,7)	1		TT HMETRY	Hydrometry: observation network design and optimization, standards for hydrometric measurements	Workshops, case and pilot studies, recommendations, information exchange	CH-01 (H)			2013	Dominique Berod, Switzerland	RA VI WG TDI, RA VI NHSs, CHy Theme Areas 1 and 2, ISO, CEN, WIGOS, HOMS, WHYCOS, IHP	
3 (4,7)	1		Rapp	Water resources assessment: capabilities to simulate hydrological variables, computation of water balance	Review of WMO Manual on Water Resources Assessment (1st step)	CH-02 (H)			2010	Antonio Mestre, Spain	RA VI WG TDI, RA VI NHSs, CHy Theme Areas 2 and 4, EEA, EUROSTAT, WIGOS, RCCs	
5	1		TT-DARE	Data rescue: To assist in mobilizing resources and providing guidance on the data rescue efforts based on the identified needs of the Members in the Region	Set up mechanisms similar to MEDARE initiative (or its extension to other sub-regions) with a WebPortal	CH-03 (CI)			2012	Manola Brunet, Spain		
5	1		Rapp	Input to WIS and WIGOS: Provide inputs regarding regional climate- and water-related requirements to support implementation of WIS and WIGOS	Liase with the WG TDI; Identify needs of Members in information exchange	CH-04 (CI)			2009-2013	Aryan van Engelen, Netherlands		
				Theme area 2: Climate research and programmes								
2	1		TT-RCC	RCC network: Implementation of the RA VI Network of Regional Climate Centres (RCC)	Appointment of the Focal Point for the RCC Network; Technical report on the implementation of the RCC Network; The RCC network web site; RA VI RCC network official designation in 2011	CH-05 (CI)			Mid. 2011	Dmitri Kiktev, Russian Federation	Bring up the issue of inclusion of hydrology related services in the RA VI RCC network	TT and RCC focal points meeting

2	1		Rapp	Climate change: Climate change research findings and adaptation needs in connection with the evolving Global Framework of Climate Services (GFCS)	Report to the Members up-to-date information on Climate Change research findings, activities in support to climate change; Strengthen the climate change section of the RCOF in the region	CH-06 (CI)			2009-2013	Matthew Collins, UK		
2	1		TT RCOF	RCOF: To facilitate the implementation of Regional Climate Outlook Forums (RCOF) mechanism in the Region;	Explore the usefulness and efficiency of further RCOF processes in the region; Develop a suitable mechanism for sustainability of SEECOF; The timetable of meetings in the intersession period	CH-07 (CI)			2013	Roxana Bojariu, ROMANIA		
2	1		Rapp	Climate Watch: Implementation of Climate Watch system in RA VI	Recommendation for best practices; proposal on the implementation of Climate Watch in the European region; Workshop on RCC/Climate Watch, DWD, Germany, October 2010	CH-08 (CI)			End of 2010	Anahit Hovsepyan, Armenia		
3 (7)	1		Rapp	Climate and water: identification of climate change challenges to NHSSs, mapping of climate and water expertise	Mapping (questionnaire), workshop, summary report	CH-09 (H)			2012	Esko Kuusisto, Finland	RA VI WGs and NHSSs, CHy Theme Area 4, EU Expert Group on Climate Change and Water, RCCs	
Theme area 3: Drought issues												
8	3		TT-DM	Drought management: provide integrated drought monitoring, assessment in the close cooperation between meteorological and hydrological services at national and regional level	Develop a region-wide drought monitoring capability; Liase closely with hydrology sector on development of integrated drought management system	CH-10 (CI)			2012	Ali Umran Komuscu, Turkey		Workshop
3 (7)	1		TT WSD	Water scarcity and drought: implementing drought and water scarcity observatories, analysis of drought impacts on hydrology and ecology	Information exchange, technical reports and workshop	CH-11 (H)			2013	Giuseppina Monacelli, Italy	RA VI WGs and NHSSs, CHy Theme Areas 2, 3 and 4, EU Expert Groups on WS&D and CC and Water, Mediterranean WS&D WG, EEA, IHP, RCCs	

				Theme area 4: Hydrological extremes, forecasts and warnings								
7 (3)	2		TT FFW	Flood forecasting and warning: methods approach: strengthening the capabilities of NMHSs in flood forecasting and warning by increased use of probabilities and other appropriate methods	Studies based on meetings / mapping, report on developments and best practices	CH-12 (H)			2013	Ilmar Karro, Sweden	RA VI WG DSP, RA VI NHSs, CHy Theme area 3, EU	
7 (3)	2		TT HMWS	Hydro-meteorological early warning system: operational systems approach: current and best practices, development of web page for learning sessions	Report on state of the art, information exchange, case studies, recommendations for best practices and new developments, web space dedicated to learning	CH-13 (H)			2012	Caroline Wittwer, France	RA VI WG SDP, RA VI NHSs, CHy Theme Area 3, EU	
3 (7)	1		TT PEF	Potential extreme floods: hydrological bases, tools and practices for extreme flood analyses	Recommendations on design flood estimation (implementation of the Floods Directive)	CH-14 (H)			2013	Bogdan Ozga-Zielinski, Poland	RA VI WGs and NHSs, CHy Theme Areas 1 and 4, HOMS, EC DG ENV, EC JRC, EURAQUA, RCCs	
			TT Agromet									
				Theme area 5: Management and partnership								
8	3		Rapps	Collaboration with the European Union: Fruitful cooperation established with the European Commission in climate- and water-related matters	Participation of RAVI NMHSs in European-wide climate research projects; Close partnership with ECSN, EUMETNET; Involvement of RA VI WG chair in the work of Commission for Climatology; Information exchange, NHSs contributions; Implementation of the Water Framework Directive and the Floods Directive	CH-15			2009-2013	Anahit Hovsepyan, Armenia Markku Puupponen, Finland	RA VI WGs and NHSs, European Commission, EEA, EU Member States	
10 (11)	5		Rapp	NHS networking: strengthening the role of NHSs in the fulfillment of WMO Regional Strategy Plan	Increased number of NHS / Hydrology focal points in RA VI	CH-16 (H)			2011	Markku Puupponen, Finland	WMO Secretariat, RA VI PRs and NHSs, CHy	
10	5		Rapps	Liaise with WG/TDI and WG/SDP on matters related to climate and hydrology	Exchange of information	CH-17			2009-2013	Anahit Hovsepyan, Armenia, Markku Puupponen, Finland		