

**WORKPLAN: Focus Area: Coordination and Implementation Support (updates in red)**

Activities	Actions	AWG Member	Outputs	Resources	Milestones	Linkages	Status
<p>RAs: ensure that the activities of regional associations, and, in particular, the Regional Association Working Groups on Hydrology (RA WGHs) are coordinated within overall Commission activities and that there is effective communication between the Commission and the RA WGHs;</p>	<ul style="list-style-type: none"> <li>● Establish direct communication with Chairs of RA WGHs;</li> <li>● Liaise with PRAs;</li> <li>● Transmit work plan of CHy, when finalized, to Chairs of RA WGHs, to consider when planning and implementing RA WGH activities;</li> <li>● Obtain programme of activities/work plans and progress reports from Chairs of RA WGHs for feedback into CHy activities;</li> <li>● Participate in RA WGH</li> </ul>	<ul style="list-style-type: none"> <li>● President</li> <li>● Vice-president</li> </ul>	<ul style="list-style-type: none"> <li>● Improved coordination and cooperation with the Regional Associations</li> </ul>	<ul style="list-style-type: none"> <li>● Resources are provided on a case to case basis.</li> </ul>	<ul style="list-style-type: none"> <li>● Involvement in meetings, workshops and conferences as determined in consultation with the Secretariat.</li> <li>● Report at AWG meetings</li> <li>● Report at EC Sessions</li> <li>● Report to CHy-16</li> </ul>	<ul style="list-style-type: none"> <li>● PRAs</li> <li>● RA HAs</li> <li>● RA Subsidiary bodies</li> </ul>	<ul style="list-style-type: none"> <li>● Participation to RA VI-17 session and hydrology work plan preparations, February 2018.</li> <li>● VP in RA III Plata meetings</li> <li>● RHAs attending HydroConference and AWG-2</li> <li>● Active involvement in Special Dialogue at EC-70</li> <li>● RA II – WG and DWAT workshop Nov 2018 – AWG participation</li> <li>● Regional hydrological considerations at CHy-Ext in the framework of WMO reform</li> </ul>

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	<p>Meetings, where possible;</p> <ul style="list-style-type: none"> <li>• Report to each AWG Session on activities of RA WGSH;</li> <li>• Provide information on AWG decisions and recommendations that relate to or impact on RA WGSH activities;</li> </ul>						<ul style="list-style-type: none"> <li>• Assess effectiveness of AWG liaisons with RAs</li> <li>• RA I session AWG representation ? Tom to be supported if he comes to CHY-EXT. Secretariat to attend as well.</li> <li>• RA I WGH meeting 5-7 Nov 2018 in Abuja. Secretariat to attend, seek Tom's involvement</li> </ul>
<p>Capacity Development: identify and lead actions with regard to the education and training requirements of Commission activities under the adopted Strategy on Education and Training for HWR and the QMF-</p>	<ul style="list-style-type: none"> <li>• Review of the WMO Strategy on Education and Training in HWR for the period of 2017-2020</li> <li>• Implement identified actions based on review</li> <li>• Represent or nominate a</li> </ul>	<ul style="list-style-type: none"> <li>• Vice-president</li> </ul> <p>a)Z.Liu b)C.Cudennec</p>	<ul style="list-style-type: none"> <li>• Organized education and training activities</li> </ul>	<ul style="list-style-type: none"> <li>• CHY-AWG members</li> <li>• Consultants (subject to resources)</li> </ul>	<ul style="list-style-type: none"> <li>• Variable and as appropriate</li> </ul>	<ul style="list-style-type: none"> <li>• ETR;</li> <li>• IHP/HWRP Office in Germany</li> <li>• UNESCO, IHE, COMET program</li> </ul>	<ul style="list-style-type: none"> <li>• C. Cudennec participated in EC Panel on ETR in Kenya</li> <li>• Developed WHOS trainings for la Plata valid for all regions</li> <li>• 2 additional DL courses on</li> </ul>

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Hydrology. Consider developing open source and community of practice solutions to promote the transfer of technology and knowledge management;	representative in EC Panel on ETR						<p>WHOS to be developed with COMET</p> <ul style="list-style-type: none"> <li>• Developed Field hydrology technicians DL courses for RA V and RA I</li> </ul>
APFM and IDMP: represent CHy, in concert with the relevant AWG member for hydrological applications, products and services, on the Advisory and Management Committees of APFM; and represent CHy on the Advisory Committee of the IDMP, as per the operational guidelines of the two programmes;	<ul style="list-style-type: none"> <li>• Provide advice to APFM and IDMP from a CHy perspective</li> </ul>	<ul style="list-style-type: none"> <li>• President</li> </ul>	<ul style="list-style-type: none"> <li>• The role of CHy in APFM and IDMP</li> </ul>	<ul style="list-style-type: none"> <li>• AWG Members responsible for Floods and Droughts Management</li> <li>• WMO Secretariat</li> <li>• OPACHE</li> </ul>	<ul style="list-style-type: none"> <li>• Involvement in meetings, workshops and conferences as determined in consultation with the Secretariat.</li> <li>• Report at AWG meetings</li> <li>• Report at EC Sessions</li> <li>• Report to CHy-16</li> </ul>	<ul style="list-style-type: none"> <li>• WMO Secretariat</li> </ul>	<ul style="list-style-type: none"> <li>• President CHy Chaired ACs and MCs of APFM and participated in those of IDMP in 2017 and 2018</li> <li>• Reported at EC-69</li> <li>• Explored working with GWP on WRM activities with their client community. Follow up required</li> </ul>
WIS/WIGOS: represent CHy in ICG-WIGOS and coordinate the participation of	<ul style="list-style-type: none"> <li>• Ensure timely and accurate CHy response to WIS/WIGOS</li> </ul>	<ul style="list-style-type: none"> <li>• Vice-president</li> </ul>	<ul style="list-style-type: none"> <li>• The role of hydrology in WIS\WIGOS</li> </ul>	<ul style="list-style-type: none"> <li>• AWG Members responsible for Data Management</li> </ul>	<ul style="list-style-type: none"> <li>• Involvement in meetings, workshops and conferences as determined in</li> </ul>	<ul style="list-style-type: none"> <li>• CBS</li> <li>• PRAs</li> <li>• RA Has</li> </ul>	<ul style="list-style-type: none"> <li>• Actively participated in: TT-EWIS, EB-WIGOS, TT on Emerging Data</li> </ul>

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relevant CHy experts in WIGOS and WIS expert teams;	requests;			<ul style="list-style-type: none"> <li>• WMO Secretariat</li> <li>• OPACHE</li> </ul>	consultation with the Secretariat. <ul style="list-style-type: none"> <li>• Report at AWG meetings</li> <li>• Report at EC Sessions</li> <li>• Report to CHy-16</li> <li>• Participated in 2017 and 2018 ICG-WIGOS meetings</li> </ul>		Issues, TT on Data and partnerships, TT on OSCAR Surface, Workshop on Information Management (Oct 2017) <ul style="list-style-type: none"> <li>• Submitted contributions on hydrological data to 2 EC-70 docs + the WHOS Architecture and Implementation Plan</li> <li>• Need to integrate hydrologists with WHOS experience from the regions – consider formalization of the training programme</li> </ul>
GFCS: liaise as necessary with the GFCS Secretariat (in cooperation with APFM/IDMP Technical Support	<ul style="list-style-type: none"> <li>• Ensure timely and accurate CHy response to GFCS requests;</li> <li>• Represent</li> </ul>	<ul style="list-style-type: none"> <li>• J.Danhelka</li> </ul>	<ul style="list-style-type: none"> <li>• The role of hydrology in the GFCS</li> </ul>	<ul style="list-style-type: none"> <li>• AWG Members responsible for Applications</li> <li>• WMO Secretariat</li> <li>• OPACHE</li> </ul>	<ul style="list-style-type: none"> <li>• Involvement in meetings, workshops and conferences as determined in consultation</li> </ul>	<ul style="list-style-type: none"> <li>• PTC</li> <li>• IBCS</li> <li>• APFM, IDMP</li> </ul>	<ul style="list-style-type: none"> <li>• Attended one video-conference on TT on O&amp;P</li> <li>• need to</li> </ul>

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Units) in matters relevant to hydrological contribution to/benefit from GFCS;	<p>CHy in the Task Teams on Operational and Resource Plan and Monitoring &amp; Evaluation</p> <ul style="list-style-type: none"> <li>Contribute to the UIP</li> </ul>				<p>with the Secretariat</p> <ul style="list-style-type: none"> <li>Report at AWG meetings</li> <li>Report at EC Sessions</li> <li>Report to CHy-16</li> </ul>		<p>reinforce the partnership with RCOF for hydrological outlook and other water information related needs</p> <ul style="list-style-type: none"> <li>facilitate the flow of information and the uptake of outcomes with GFCS</li> </ul>
<ul style="list-style-type: none"> <li>GDPFS: contribute to the development of WIPPS (aka GDPFS) reflecting the hydrological aspects and specifics and in particular the needs and concerns of NHSs in the development of the WIPPS</li> </ul>	<ul style="list-style-type: none"> <li>interact with various global and regional forecasting initiatives making them aware of this ongoing process;</li> <li>To develop a proposal of a comprehensive structure for hydrology within WIPPS;</li> <li>To develop the procedures for the designation,</li> </ul>	<ul style="list-style-type: none"> <li>J.Danhelka</li> </ul>	<ul style="list-style-type: none"> <li>The role of hydrology in the evolution of WIPPS</li> <li>Proposal for changes of the GDPFS Manual</li> </ul>	<ul style="list-style-type: none"> <li>AWG Members for Applications</li> <li>WMO Secretariat</li> <li>OPACHE</li> </ul>	<ul style="list-style-type: none"> <li>Involvement in meetings, workshops and conferences as determined in consultation with the Secretariat</li> <li>First draft of proposal – Dec 2017</li> <li>Report at AWG meetings</li> <li>Report at EC Sessions</li> <li>Report to CHy-16</li> </ul>	WMO Secretariat	<ul style="list-style-type: none"> <li>Contribution to the preparation of the Scope Implementation Plan – approved by EC-70</li> <li>Finalized proposal for inclusion of Hydrological centres to the GDPFS Manual (including CHy forum discussion) – presented to CBS. Need to follow-up with them – to</li> </ul>

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	mandatory functions, and activities of new centers; oversee the process of designating global and regional hydrological centres (including negotiation and liaison with GloFAS/EFAS, UNESCO-IHP, GFP and others);						agree with CBS TT on whether and how to present it Cg-18
Data Centres: Establish a small task team to prepare a report with regard to the evolving role of GRDC, IGRAC and HYDROLARE, and liaise with the president of CCI with respect to the involvement of GPCC.	<ul style="list-style-type: none"> <li>• Establish direct communication with Data Centres;</li> <li>• Review the evolving role of the Data Centres;</li> <li>• Implement identified actions based on review</li> </ul>	<ul style="list-style-type: none"> <li>• President</li> <li>• Vice-president</li> </ul>	<ul style="list-style-type: none"> <li>• Improved coordination and cooperation with the Data Centres</li> </ul>	<ul style="list-style-type: none"> <li>• AWG Members responsible for Data Management</li> <li>• WMO Secretariat</li> </ul>	<ul style="list-style-type: none"> <li>• Final Report to be presented at Cg-18 in 2019</li> <li>• Involvement in meetings as determined in consultation with the Secretariat.</li> <li>• Report at AWG meetings</li> <li>• Report at EC Sessions</li> <li>• Report to CHy-16</li> </ul>	<ul style="list-style-type: none"> <li>• GRDC</li> <li>• IGRAC</li> <li>• HYDROLARE</li> <li>• GPCC</li> <li>• WMO Secretariat</li> </ul>	<ul style="list-style-type: none"> <li>• Completed preliminary documentation (WHOS Plan and WIS 2.0 + info related to activities of each GDC)</li> <li>• Need to define the TT</li> <li>• Have a meeting January 2019 to complete report in time for Cg-18 -</li> </ul>

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							postponed to March 2019
<p>GMAS EC-69 urged TCs to participate and contribute to the development of WMO GMAS, and requested EC WG/DRR to further advance the GMAS concept and the development of a strategy that emphasizes (among others) both the meteorological and hydrological aspects</p>	<ul style="list-style-type: none"> <li>To represent the hydrological community to the of the Expert Group on GMAS (EG-GMAS) (subsidiary of the EC WG/DRR)</li> <li>To report on progress to P-CHy and AWG</li> </ul>	J. Danhelka	<ul style="list-style-type: none"> <li>Hydrological aspects recognition in GMAS vision and implementation plan</li> </ul>	<ul style="list-style-type: none"> <li>AWG Members for Applications</li> <li>WMO Secretariat</li> </ul>		<ul style="list-style-type: none"> <li>WMO Secretariat, EC WG/DRR</li> </ul>	<ul style="list-style-type: none"> <li>GMAS Concept proposal for EC-70 developed</li> <li>EC requested to further work on the GMAS concept for Congress (meeting expected in Nov 2018)</li> </ul>
<p>CHy contribution to the High Mountains and Polar areas activities</p>	<ul style="list-style-type: none"> <li>To represent the hydrological community in the preparation of the events</li> </ul>	J. Danhelka, S. Pecora		<ul style="list-style-type: none"> <li>D. Berod,</li> <li>P. Pilon</li> </ul>		<ul style="list-style-type: none"> <li>IAHS</li> <li>UNESCO-IHP</li> </ul>	<p>High Mountain Summit: Examples and success stories of transboundary networks to be presented on 25-27 February 2019 Geneva Ice and Snow Symposium in a changing world -</p>

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							August 2020 Reykjavík • International Year on Ice and Snow