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| **World Meteorological Organization**  **Commission for Instruments and Methods of Observation**  **CIMO Management Group**  **Fifteenth Session** Geneva, Switzerland, 26 – 29 March 2018 | **CIMO/MG-15/Doc. 3.3** |
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# CIMO ACTIVITIES IN THE EVOLVING CONTEXT OF wmo, AND COLLABORATION WITH INTERNATIONAL ORGANIZATIONS

**Cooperation with technical commissions, regional associations, and relevant WMO projects/programmes**

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| **Summary and purpose of document**  This document provides information on current and potential collaborations with other WMO technical commissions, regional associations and other WMO projects/programmes. This does not constitute an exhaustive list of collaborations. |

**Action proposed**

The Meeting is invited to consider this list, as well as potential further collaborations, when developing its strategic priorities for the coming years, agreeing on priority activities, and in preparing its future working structure.

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**COLLABORATION WITH TECHNICAL COMMISSIONS, REGIONAL ASSOCIATIONS AND RELEVANT WMO PROGRAMMES**

1. There are plenty of opportunities for CIMO to collaborate with other technical commissions, regional associations, and other WMO programmes and projects. Below is a non-exhaustive list of some activities that have been carried out, are ongoing, or could be considered as priorities for the future.

***Technical Commissions***

Commission for Basic Systems:

1. Successful establishment and management of IPET-OWR (ongoing)
2. Co-Organization of the Conference on the experiences with Automatic Weather Stations held in Offenbach, 2017 (completed)
3. Update of the CIMO Guide (ongoing)
4. Potential collaboration on an IPET on Aircraft-based Observations
5. Potential Co-Organization of another Conference on AWSs
6. Alignment of the CIMO Guide with other WMO regulatory documents (Technical Regulations, WIGOS Manual, Guide to WIGOS, etc.)

Commission for Hydrology:

1. Alignment of guidance material (Guide to Hydrological practices and the CIMO Guide)
2. Collaboration in working together with CHy and ISO on recent standards relevant to precipitation
3. Testing of 3D-printed AWS for hydrological applications

Commission for Atmospheric Sciences:

1. Update of the CIMO Guide (ongoing)
2. Radiation measurements

WMO-IOC Joint Technical Commission for Marine Meteorology:

1. Update of the CIMO Guide (onngoing)
2. RMIC

Commission for Agricultural Meteorology:

1. Testing of farmers raingauges (completed)
2. Soil moisture observations

***Regional Associations***

Regional Instrument Centres:

1. Regular follow-up on RICs status – communication with PRs, RIC focal points, update of RICs websites (ongoing)
2. Regular evaluation of RICs from all RAs (ongoing)
3. Evaluation of candidate RICs from RA-VI leading to their nomination at the RA-VI session in March 2018 (completed)
4. Communication with potential new RICs and their relative RAs (2 new candidates)
5. Interlaboratory Comparison of RA-VI published as IOM report (completed)
6. ILC in RA II and V (ongoing)
7. Testing the tender specifications

***Other WMO projects and programmes***

Global Cryosphere Watch:

1. Development of a CIMO Guide chapter on Snow-on-the-ground, and concept for publication of guidance related to the measurement of cryospheric variables in the CIMO Guide (completed)
2. Envisaged collaboration on Observations at Mountains Stations that was finally cancelled, as the requirements from the region that had originally proposed it could not be clarified and as most aspects could actually be covered in ongoing RA-VI GCW workshops (completed)
3. CIMO Guide new part on cryospheric variables (ongoing)
4. Application of SPICE results
5. Update of the CIMO Guide

BSRN:

1. Participation in TT-RadRef meeting (completed)
2. Radiation measurements

GCOS/GRUAN:

1. Radiosonde intercomparison
2. Concept for surface reference network (ongoing)

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