|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **World Meteorological Organization** |  | **TT-WDP-1/Doc.3** | | |
| **INTER-COMMISSION COORDINATION GROUP ON WIGOS / TASK TEAM ON WIGOS DATA AND PARTNERSHIPS (ICG-WIGOS/TT-WDP-1))** |  | Submitted by: | | Secretariat |
| Date: | | 15. VII. 2016 |
| ***First SESSION***  GENEVA, SWITZERLAND  29-31 August 2016 | Original Language: | English | |
| Agenda Item: | 3 | |

# WIGOS RELEVANT DECISIONS AND GUIDANCE from EC-68

(Submitted by the Secretariat)

|  |
| --- |
| **Summary and purpose of document**  This document provides information on the WIGOS relevant decisions and guidance from EC-68. |

**Action proposed**

The session will be informed on the WIGOS relevant decisions and guidance from EC-68.

### References:

1. [Seventeenth World Meteorological Congress (Geneva, 25 May - 12 June)](http://library.wmo.int/pmb_ged/wmo_1157_en.pdf)
2. [Sixty-seventh session of the WMO Executive Council (Geneva, 15 - 17 June 2015)](http://library.wmo.int/pmb_ged/wmo_1158_en.pdf)
3. [Sixty-eight session of the WMO Executive Council (Geneva, 15 - 24 June 2016)](http://ec-68.wmo.int/documents-english) (Doc. 5.1(1) and 5.3)

\_\_\_\_\_\_\_\_\_\_\_\_

**WIGOS DATA and partnerships RELEVANT DECISIONS AND GUIDANCE from EC-68**

* 1. A key principle of WIGOS is an inclusive approach to the integration of observations from a diverse range of observing systems, both NMHS and non-NMHS owned, into a composite set of observations to help Members improve their services across all WMO application areas.
  2. During the WIGOS Pre-operational phase, National Meteorological and Hydrological Services (NMHSs) are expected to become the key integrators at the national level, both by strengthening their own observing systems according to the guidance provided by the WIGOS framework, and by building national partnerships and providing national leadership based on their experience in the acquisition, processing and dissemination of observational data for environmental monitoring and prediction purposes.
  3. External (non-NMHS) observations have the essential role in supporting WMO Programmes and the associated application areas; therefore, it is important to establish partnerships with non-NMHS entities to increase the overall volume of observational data available in WIGOS. WIGOS national partnerships represents an opportunity for all Members, both to strengthen their national observing networks and to enhance their national leadership in relation to other WMO priority outcomes, such as GFCS and DRR.
  4. An important underlying issue is the need to implement sound practices, policies and capabilities within individual NMHSs in relation to the lifecycle management of data, to ensure that Members are able to manage their observations and data efficiently and effectively, to extract the value from the data in support of their services, and to integrate observations and data from diverse platforms and from external sources. In order to assist Members in meeting these challenges, and especially to extract the greatest value from their investment in designing and operating their national observing systems, the WMO Integrated Global Observing System (WIGOS) and the WMO Information System (WIS) are placing a key focus on effective lifecycle management of data and on building effective data partnerships as part of the WIGOS Preoperational Phase.
  5. During the Pre-operational Phase, NMHSs are expected to take on more of the responsibility for WIGOS. In particular, they are expected to become the key integrators at the national level, both by strengthening their own observing systems according to the guidance provided by the WIGOS framework, and by building national partnerships and providing national leadership based on their experience in the acquisition, processing and dissemination of observational data for environmental monitoring and prediction purposes.
  6. In accordance with the Plan for the WIGOS Pre-operational phase, approved by EC-68, following guidance should be developed:

1. on National WIGOS Development and Partnerships, by end of 2016; and
2. on Data Partnerships, Lifecycle Data Management and Data Stewardship, including integration of observations from multiple sources, progressively from 2016.

\_\_\_\_\_\_\_\_