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| **World Meteorological Organization** |  | **TT-WDP-1/Doc.4.1** |
| **INTER-COMMISSION COORDINATION GROUP ON WIGOS / TASK TEAM ON WIGOS DATA AND PARTNERSHIPS (ICG-WIGOS/TT-WDP-1))** |  | Submitted by: | Secretariat |
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| ***First SESSION***GENEVA, SWITZERLAND 29-31 August 2016 | Original Language:  | English |
| Agenda Item: | 4 |

# Terms of Reference for the ICG-WIGOS/Task Team on WIGOS Data and Partnerships

# (TT-WDP)

(Submitted by the Secretariat)

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| **Summary and purpose of document**This document provides draft Terms of Reference for the Task Team. |

**Action proposed**

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**Terms of Reference for the ICG-WIGOS/Task Team on WIGOS Data and Partnerships (TT-WDP)**

***Phase 1:***

1. Review the existing operational and policy context of integrating data contributed to WIGOS from non-NMHS sources, and
2. Develop WIGOS guidance material on Data Partnerships on:
* establishing and maintaining data partnerships
* integration of data from non-NMHS data providers
* data quality and data quality monitoring
* data sharing and data exchange
* commercial considerations
* other related matters

***Phase 2:***

1. Review current and emerging information and communications technologies (ICT), best practices for strategic data management and emerging trends in data and its use, and
2. Develop WIGOS guidance material on Data Management and Data Stewardship on:
* the role of WIS, NMHS and partner systems in the data lifecycle
* best practices for data integrity and data preservation
* the challenge and opportunities of ‘Big Data’ and associated emerging trends in relation to data and its use
* models and best practices in data stewardship (roles, responsibilities for data governance)
* matters of compatibility among the legacy and emerging data management practices of the various WMO Programmes and Commissions (e.g. CBS, CIMO, CCl, CHy)
1. c) On the issue of ‘Big Data’, monitor the activities and direction of the Executive Council Task Team on Data Policy and Emerging Issues (EC TT-DPEI), the perspectives of Technical Commissions, and subsequent actions by CBS and reflect this in the development of guidance material.

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