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| WEATHER CLIMATE WATER | **World Meteorological Organization**  **COMMISSION FOR OBSERVATION, INFRASTRUCTURE AND INFORMATION SYSTEMS**  **Second Session** 24 to 28 October 2022, Geneva | **INFCOM-2/Doc. 6.2(1)** |
| Submitted by: Chair  25.X.2022  **APPROVED** |

**AGENDA ITEM 6: TECHNICAL REGULATIONS AND OTHER TECHNICAL DECISIONS**

**AGENDA ITEM 6.2: Standing Committee on Measurements, Instrumentation and Traceability (SC-MINT)**

# WMO Standard Vocabulary



# DRAFT RECOMMENDATION

## Draft Recommendation 6.2(1)/1 (INFCOM-2)

### WMO Standard Vocabulary

THE COMMISSION FOR OBSERVATION, INFRASTRUCTURE AND INFORMATION SYSTEMS,

**Recalling** [Resolution 19 (EC-69)](https://library.wmo.int/doc_num.php?explnum_id=3645/#page=161) - WMO Quality Policy Statement, [Resolution 9 (EC-73)](https://library.wmo.int/doc_num.php?explnum_id=11008/#page=34) - Plan for the WMO Integrated Global Observing System Initial Operational Phase (2020–2023), [Resolution 4 (Cg-Ext(2021))](https://library.wmo.int/doc_num.php?explnum_id=11113/#page=36) - WMO Vision and Strategy for Hydrology and its associated Plan of Action,

**Recalling further** that WMO provides world leadership and expertise in international cooperation in the delivery and use of high-quality, authoritative weather, climate, hydrological and related environmental services by its Members, for the improvement of the health, safety and well-being of societies of all nations, and that agreed terminology is essential to meet the WMO mission,

**Reaffirming** the mission of WMO outlined under [Article 2](https://library.wmo.int/doc_num.php?explnum_id=11187#page=12) of the WMO Convention (*Basic Documents, No. 1* (WMO-No. 15)) to facilitate worldwide cooperation in the establishment of networks of stations for the making of meteorological observations as well as hydrological and other geophysical observations related to meteorology, and to promote the establishment and maintenance of centres charged with the provision of meteorological and related services; to promote the establishment and maintenance of systems for the rapid exchange of meteorological and related information; and to promote standardization of meteorological and related observations,

**Reaffirming** **further** that achieving compliance with the [*Technical Regulations, Volume I: General Meteorological Standards and Recommended Practices*](https://library.wmo.int/index.php?lvl=notice_display&id=14073)(WMO-No. 49) of the Organization is fundamental for a global standardization and interoperability of systems, networks, methods and related services provided at global, regional and national level,

**Recognizing** the evident and urgent need for an “authoritative, single entry point” for standardized WMO terminology and related definitions, that is a WMO Standard Vocabulary (WSV),

**Recognizing** **further** importance of standard terminology to be used in respect to the implementation of [Resolution 1 (Cg-Ext(2021))](https://library.wmo.int/doc_num.php?explnum_id=11113/#page=9) - WMO Unified Policy for the International Exchange of Earth System Data,

**Affirming** that the development of such a WSV is in accordance with [Resolution 7 (Cg-18)](https://library.wmo.int/doc_num.php?explnum_id=9827/#page=41) - Establishment of WMO Technical Commissions for the eighteenth financial period,

**Emphasizing** that the WSV is a foundational tool that WMO must provide to ensure and guarantee consistent terminology with unambiguous definitions in all WMO publications, namely in the WMO regulatory and corresponding non-regulatory material (alternative: “in the [*Technical Regulations, Volume I: General Meteorological Standards and Recommended Practices*](https://library.wmo.int/index.php?lvl=notice_display&id=14073) (WMO-No. 49), their annexes and WMO Guides”),

**Having examined** the Concept Note [See [INFCOM-2/INF. 6.2(1)](https://meetings.wmo.int/INFCOM-2/InformationDocuments/Forms/AllItems.aspx)],

**Having considered** the Recommendation by the INFCOM Management Group (the eleventh virtual meeting, December 2021),

**Welcoming** the support expressed by the president of SERCOM to the development of the WSV,

**Recommends** to Congress (Cg-19) the adoption of the "development of a WSV" throughthe draft resolution provided in the [annex](#annextodraftrec) to the present Recommendation.

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[Annex: 1](#annextodraftrec)

## Annex to draft Recommendation 6.2(1)/1 (INFCOM-2)

**Draft Resolution ##/1 (Cg-19)**

THE WORLD METEOROLOGICAL CONGRESS,

**Recalling:**

(1) [Articles 2 (a), 2 (d) – (f)](https://library.wmo.int/doc_num.php?explnum_id=11187#page=12), and [8 (d)](https://library.wmo.int/doc_num.php?explnum_id=11187#page=16) of the Convention of the World Meteorological Organization (*Basic Documents, No. 1* (WMO-NO. 15)),

(2) [Resolution 19 (EC-69)](https://library.wmo.int/doc_num.php?explnum_id=3645/#page=161) - WMO Quality Policy Statement,

(3) [Resolution 9 (EC-73)](https://library.wmo.int/doc_num.php?explnum_id=11008/#page=34) - Plan for the WMO Integrated Global Observing System Initial Operational Phase (2020–2023),

(4) [Resolution 1 (Cg-Ext(2021))](https://library.wmo.int/doc_num.php?explnum_id=11113/#page=9) - WMO Unified Policy for the International Exchange of Earth System Data,

(5) [Resolution 4 (Cg-Ext(2021))](https://library.wmo.int/doc_num.php?explnum_id=11113/#page=36) - WMO Vision and Strategy for Hydrology and its associated Plan of Action,

**Noting:**

(1) The importance of standardized terminology for engaging WMO Members and WMO partners in WMO activities,

(2) The importance of standard terminology to be used in respect to the implementation of [Resolution 1 (Cg-Ext(2021))](https://library.wmo.int/doc_num.php?explnum_id=11113/#page=9) - WMO Unified Policy for the International Exchange of Earth System Data,

(3) The need for a tool providing access to unambiguous and authoritative definitions of terminology in use in all WMO publications, in particular in the [*Technical Regulations, Volume I: General Meteorological Standards and Recommended Practices*](https://library.wmo.int/index.php?lvl=notice_display&id=14073) (WMO-No. 49) and their annexes,

**Having examined** the Concept Note [[INFCOM-2/INF. 6.2(1)](https://meetings.wmo.int/INFCOM-2/InformationDocuments/Forms/AllItems.aspx)],

**Having considered** [Recommendation 6.2(1)/1 (INFCOM-2)](#draftrec),

**Having been informed** of the support expressed by the president of SERCOM to the development of the WMO Standard Vocabulary (WSV),

**Decides** that a WSV be developed as a joint activity of both Technical Commissions, the Research Board, and the WMO Secretariat;

**Requests** the Secretary-General:

(1) To provide the necessary technical assistance and Secretariat support for the development and maintenance *[UK]* of WSV;

(2) To consider allocating resources from the regular budget for the development and maintenance *[UK]* of WSV, including technical tools;

(3) To initiate long-term planning, including the necessary allocation of resources, for the development and maintenance *[UK]* of WSV tools in all official WMO languages, for the operational sustainability of these tools, and for the regular review and update of the WSV;

**Requests** INFCOM, SERCOM and the Research Board to provide sufficient resources with the appropriate expertise, and to include the development of the WSV into their workplans for the next financial period;

**Invites** the WMO International partner organizations to contribute to this activity.

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