

3. Updates on capacity development activities by WMO Bodies

3.2 Updates from INFCOM

Presented by

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12th Meeting of Capacity Development Panel

(EC-CDP-12)

16 and 17 February 2026

Highlights in Capacity Development Activities

- **Review of competency frameworks to be submitted at INFCOM-4 (Fall 2026)**
 - Development of Skills and Knowledge Framework for the use of WIPPS products (**Weather** and Climate prediction)
 - Guidelines on Satellite Skills and Knowledge for Operational Meteorologists, Hydrologists and Specialists in Related Application Areas (including for the provision of agrometeorological and climate services)
 - Competency requirements for implementing high-resolution NWP system
 - Instrumentation, Calibration, Meteorological Observations, and Observing Programme and Network Management competency frameworks

Highlights in Capacity Development Activities

- **The WMO Integrated Processing Prediction System Webinar series:**
 - Topics include: Enhancing the awareness of Earth system analysis and prediction products and their use, nuclear and non-nuclear emergency response activities, AI-based products for TC tracks, and non-technical considerations for contributing to WIPPS
 - [5 webinars since December 2024](#)
- **The WIS-2 Capacity Development Program:**
 - Supporting WMO Members in the adoption and implementation of WIS 2.0 for real-time data sharing and **ensuring that no Member is left behind;**
 - 6 Training sessions done in regions, bringing neighboring countries together and building a regional community of support: 128 participants from 68 Members represented, through 5 on-site and 1 on-line (2025)
 - Language adapted to session; Partial funding obtained through CREWS

Highlights in Capacity Development Activities

- **Earth Observing Systems and Monitoring Networks :**
 - Outreach material for RBON
 - Regional **WMO Integrated Global Observing System (WIGOS) Centres** Global Workshop: strengthening RWC global coordination and requirements (RWCs operations, WIGOS Tools, and Capacity Development)

- Training Course on Calibration of Meteorological Instruments

- supporting the Competency framework for personnel performing instrument calibrations
- 7 modules including Quality Management and identification of related competencies

- **Hydrology:**

- training in gauging, rating curves and groundwater monitoring, as well as data sharing.



Highlights in Capacity Development Activities

Assessment of the INFCOM Approach to Projects

Purpose:

Assess the challenges in development projects stemming from discrepancies between INFCOM's current mechanisms and member needs;

Propose targeted improvements to INFCOM mechanisms to address current challenges and evolving needs, while articulating its strategic role in regional and national development initiatives;

Improvements may address, related to training and capacity development related activities:

- the format and the content of guidance
- the development of best practices for implementation
- communication, outreach and improved accessibility

Next steps:

- Recommendations to be proposed during INFCOM MG (March 2026)
- **Consultation process**
- To be submitted for endorsement during INFCOM-4

Items requiring Panel discussion, guidance or action

1) INFCOM Capacity Development Materials Dashboard:

- One-stop resource facilitating access to capacity-development material developed by INFCOM (Outreach, Training, Manual & Guides) and other resources through links
- Feedback will be sought by users and eventual Outreach/Promotion

Support and outreach by CDP would be appreciated

2) Feedback on recommendations from the assessment of **the INFCOM Approach to Projects**

through consultation process with the CDP will be sought

3) Strategy for WMO MOODLE:

- As INFCOM members increasingly develop training to be available on Moodle, a discussion on its future development would be appreciated

Items requiring Panel discussion, guidance or action

4) Strategy and Guidance related to incorporating social sciences considerations in capacity development initiatives

5) Induction process for PRs: considerations to include training or outreach on the whole value chain of the Earth System Approach

6) Updates to competency frameworks to be presented to the CDP

7) Awareness of, and assessing opportunities for collaboration on CD/training events with RTCs, SERCOM, Regional centres, CONECT and others

Continued Support of the CDP is appreciated

Thank you