

CDP-7

Outcomes of EC-76 in connection with the work of the Panel

Report from Education and Training



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World Meteorological Organization

Organisation météorologique mondiale

Outcomes of EC-76 in connection with the work of the Panel Report on Capacity Development

Resolution 3 (EC-76)

Revised Guide to the Implementation of Education and Training Standards in Meteorology and Hydrology, Volume I – Meteorology (WMO-No. 1083)

Approves the revised Guide to the Implementation of Education and Training Standards in Meteorology and Hydrology, Volume I – Meteorology (WMO-No. 1083) as provided in the annex to the present draft resolution.

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Recommendation 1 (EC-76)

Review of BIP-M and BIP-MT (Part VI and Appendix A of Vol. I) of the Technical Regulations (WMO-No. 49)

Recommends to Congress the adoption of the amendments of the Basic Instruction Package for Meteorologists and Meteorological Technicians (BIP-M and BIP-MT) Technical Regulations, Volume I: General Meteorological Standards and Recommended Practices (WMO-No. 49) (Part VI and Appendix A) as provided in the annex to the present draft recommendation.

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Decision 4 (EC-76)

The Executive Council decides, based on the report of the Chair of CDP (EC-76/INF 2.5(5)), to endorse the recommendations made by the CDP.

The Executive Council decides:

(1) To request Members to:

(a) Note the recommendations made in Education and Training in a Period of Rapid Change: Highlights of the Fourteenth WMO Symposium on Education and Training (WMO-No. 1291);

(b) Assist broadening the reach of the recommendations to stakeholders that can support the WMO education and training community to address the changing and increasing education and training requirements;



(c) Support the implementation of the Consortium of WMO Education and Training Collaborating Partners (CONNECT), encouraging the engagement of experienced Members from education and training stakeholders worldwide;

(d) Adopt the updated Basic Instruction Package for Meteorologists and Meteorological Technicians described in the Guide to the Implementation of Education and Training Standards in Meteorology and Hydrology, volume I – Meteorology (WMO-No. 1083), as a recommended standard which is recommended by the CDP, Services Commission (SERCOM) and Infrastructure Commission (INFCOM), and to adapt to it as a matter of policy;

(e) Take advantage of Regional Projects looking for opportunities of engagement between research and operational communities;

(f) Facilitate and support the development of scientific networks, and the inclusion of multidisciplinary personnel;

(g) Enhance staff development of qualifications by providing opportunities for continuous learning, including through the use of supplementary guidance, and case studies;

(h) Build up institutional capacity to establish mutually beneficial and effective collaboration with private sector and other stakeholders, including data/information sharing, service delivery, and advocacy for the essential public functions of meteorological services in issuing warnings, maintaining basic infrastructure and promoting the uptake of WMO standards and recommended practices by all;



(i) Implement the relevant competencies by using advocacy and advertising of the benefits of competency implementation and its complexity.

(2) To request Members and the Secretary-General to:

(a) Encourage and support National Meteorological and Hydrological Services (NMHSs) to engage with national and international Universities across a range of relevant research areas, with a focus on advancing the research priority areas of the Regional Associations and WMO Research Programmes [Laing];

(b) Support and encourage country level governments' local policy for improving interaction with civil society (e.g. "last mile" and community level behavioural work to support the implementation of early warning systems) as well as to align social science actors with information from NMHSs.

(3) To request the Secretary-General to:

(a) Encourage twinning, partnership, pooling, sharing, communities of practice, and regional co-operations, in order to achieve effective outcomes in capacity development and institutional cooperation;

(b) Continue promoting and encouraging Regional Training Centres (RTCs) and Education and Training partners to organize demand-driven capacity development and education and training activities. The requirements for these activities can be determined on the basis of the inputs from the Members, regional association working groups, and surveys undertaken by the WMO Secretariat, as well as through development of technical and scientific innovations and service requirements;



(c) Identify the appropriate page within the WMO website where the “list of best practices from NMHSs meeting the global standards in the delivery of services” should be published;

(d) Note the feedback received, and recommendations of, the “Survey of Resource Mobilization, Partnerships and Development Assistance (RMPDA)” focused on best practise in terms of working with development partners/Government and resource mobilization. These findings include (further detail in report): Focus on enhancing visibility amongst Government and partners; Enhanced capacity development/skills development in resource mobilization and proposal development, including linking with development partner priorities and ensuring clear communication with stakeholders on proposed activities; support with skills development for strategic planning and linking with national priorities; sustainability planning. It is proposed that the findings from the report should be considered for the WMO Operating Plan and proposed activities;

(e) Encourage Memorandum of Understanding (MoUs) between WMO Education and Training (ETR) and Members (possessing one or more RTC components) to enhance resource mobilization and support to potential trainees of NMHSs from developing countries, [Saulo] Least Developed Countries (LDCs) and Small Island Developing States (SIDSs);

(f) Assist promoting and encouraging interdisciplinary research at national and regional levels with a focus on advancing the research priority areas of the Regional Associations and WMO Research Programmes [Laing], with good practice guidance and capacity development support;



(g) Emphasize the need for governments at the policy level to take into account any social benefit of any measures that they take;

(h) Play a key role in brokering and matching research needs and funding calls with appropriate sources of regional expertise;

(i) Assist RTCs monitoring of training activities by sharing good practices.

(4) To request Technical Commissions and the Secretary-General to:

(a) Note the recommendations from the meeting “Strengthening collaboration among NMHSs and WMO Centres for effective support to Members through extrabudgetary projects” (10–12 March 2021). The feedback from Members regarding considerations around implementation of projects is highlighted as particularly important.

(5) To request Technical Commissions, Regional Offices and Regional Centres to:

(a) Develop value chains at the regional level to identify what and how each of them can contribute to the research-to-operation continuum, including approaches to promotion of capacity development and service capabilities.

(6) To request WMO RTCs and Meteorological Training Institutions to:

(a) Monitor success and challenges of the implementation of capacity development activities and share this information;



(b) Increase the use of distance-learning and blended-learning techniques, using technologies available to them. RTCs and partners to provide increased outreach and training on how to use these techniques;

(c) Develop partnerships with academic institutions and professional and scientific associations, including exchanges of academic staff;

(d) Make relevant training resources available to WMO Secretariat as open access for others to use free of charge;

(e) List their education and training opportunities in the WMO Global Campus Calendar of Events.

Outcomes of EC-76 in connection with the work of the Panel Report on Capacity Development

Recommendation 10 (EC-76)

WMO Capacity Development Strategy (WCDS)

Recommends to Congress the adoption of the updated WCDS through the draft Resolution provided in the annex to the present Recommendation.



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Resolution 39 (EC-76)

Reconfirmation of WMO Regional Training Centres (RTCs)

Decides:

- (1) To reconfirm the RTCs in India, Italy [Secretariat] and the Russian Federation based on the external reviews and recommendations of the CDP;
- (2) To reconfirm the remaining RTCs until subsequent Executive Council resolutions following the future external reviews of these RTCs;
- (3) To consolidate relevant resolutions and decisions for designation and reconfirmation of the RTCs with this resolution and update the status of the RTCs given in the annex to this resolution.



Thank you



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