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| WEATHER CLIMATE WATER | **World Meteorological Organization****WORLD METEOROLOGICAL CONGRESS****Nineteenth Session**22 May to 2 June 2023, Geneva | **Cg-19/Doc. 4.4(3)** |
| Submitted by:Chair of the Plenary30.V.2023**APPROVED** |

**AGENDA ITEM 4: TECHNICAL STRATEGIES SUPPORTING LONG-TERM GOALS**

**AGENDA ITEM 4.4: Capacity development**

# Other Capacity Development Matters

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# GENERAL CONSIDERATIONS

Capacity development is a key part of the WMO Programme and activities, through which support is provided to Members in need, and collaboration is promoted. WMO has been approaching issues and activities related to capacity development from the perspectives of (a) Policy development and implementation, (b) development and sustenance of needed competencies of human resources, and scientific know-how, (c) development and maintenance of infrastructure needed to deliver adequate services, and (d) cooperation through resource mobilization and voluntary projects.

As capacity development cuts across the WMO Programmes, this document only addresses aspects of capacity development initiatives and activities in an integrated manner. Along these lines, the document contains recommendations to Members, Secretary-General, Technical Commissions, Research Board, and Hydrological Coordination Panel on actions and activities that are desirable for augmenting the capacity of Members to deal with weather, climate, and water-related challenges, especially from the perspective of Early Warnings for All Initiative.

**Expected action**

Based on the above, the Congress may wish to adopt draft Resolution 4.4(3)/1.

## Draft Resolution 4.4(3)/1 (Cg-19)

## Other Capacity Development Matters

THE WORLD METEOROLOGICAL CONGRESS,

**Recalling:**

(1) [Decision 11 (EC-72)](https://library.wmo.int/doc_num.php?explnum_id=10504#page=136) – Scaling up Effective Partnerships and Scope, Scale and Progress of WMO Development Projects,

(2) [Decision 13 (EC-72)](https://library.wmo.int/doc_num.php?explnum_id=10504#page=142) – Developing and Sustaining Core Competencies and Expertise,

(3) [Decision 3.4(1)/1 (EC-76)](https://meetings.wmo.int/EC-76/_layouts/15/WopiFrame.aspx?sourcedoc=/EC-76/English/2.%20PROVISIONAL%20REPORT%20(Approved%20documents)/EC-76-d03-4(1)-CDP-RECOMMENDATIONS-approved_en.docx&action=default) – Recommendations of Capacity Development Panel (CDP),

(4) [Recommendation 3.4(1)/1 (EC-76)](https://meetings.wmo.int/EC-76/_layouts/15/WopiFrame.aspx?sourcedoc=/EC-76/English/2.%20PROVISIONAL%20REPORT%20(Approved%20documents)/EC-76-d03-4(1)-CDP-RECOMMENDATIONS-approved_en.docx&action=default) – WMO Capacity Development Strategy (WCDS),

(5) [Draft Resolution 4.4(1)/1 Cg-19](https://meetings.wmo.int/Cg-19/_layouts/15/WopiFrame.aspx?sourcedoc=/Cg-19/English/1.%20DRAFTS%20FOR%20DISCUSSION/Cg-19-d04-1(1)-STRATEGY-FOR%20SERVICE-DELIVERY-draft1_en.docx&action=default) – WMO Strategy for Service Delivery and its implementation plan,

**Having examined** the WMO Capacity Development Strategy,

**Having considered** the endorsement by the Executive Council of the recommendations of its Capacity Development Panel (CDP),

**Also having considered** the Early Warnings for All Initiative, and Members’ capacity gaps and needs,

**Appreciates** the commitment of the Secretary-Generalto capacity development activities as evident in the various support to Members through resource mobilization enhancement of human resources and relevant advisory services;

**Also appreciates** the commitment of the Secretary-Generalto the promotion of Early Warnings for All Initiative and associated activities;

**Invites Members to:**

(1) Deploy the necessary human and technical resources for the implementation of the Early Warnings for All Initiative;

(2) Bolster contributions to country-level policy developments and implementation with the aim of improving the uptake of NMHSs products and services by potential beneficiaries;

(3) Support and encourage country-level policymaking for improving interaction with civil society;

(4) Promote the uptake of WMO standards and recommended practices by all NMHSs;

(5) Make concerted efforts in building a viable institutional framework to promote mutually beneficial and effective collaboration with the private sector and other stakeholders;

(6) Support continuous development and maintenance of meteorological and hydrological infrastructure as part of the overall national recurrent and evolving infrastructure;

(7) Consider increasing support to activities through development and implementation of bilateral and multilateral projects;

(8) Promote collaboration between social science actors and NMHSs, especially through special projects;

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

(10) Foster engagement between academia, research, and operational communities, especially through national and regional projects, and promote interdisciplinary research at all levels for the benefit of improved service delivery;

**Requests the Secretary-General to:**

(1) Continue with the mobilization of required resources in support of Early Warnings for All Initiative;

(2) Encourage regional and sub-regional cooperation, to achieve the outcomes needed for capacity development;

(3) Promote collaboration between Voluntary Cooperation Programme partners in support of resource mobilization for NMHSs;

(4) Promote mentoring through the engagement of volunteers in exchange programmes between NMHSs;

(5) Promote policy-related actions that governments could consider for enhancing the socio-economic benefit of NMHSs to the populace;

(6) Develop guidance material for assistance to interested stakeholders in matching research needs, appropriate regional, sub-regional, and national expertise, and funding opportunities;

(7) Maintain an up-to-date overview of ongoing projects and programmes with the aim of enhancing collaboration between implementing partners;

(8) Prioritize the implementation of tailored capacity development programs that address the specific needs of the Members with respect to their unique characteristics and capabilities, to build Members sustainable independency. [*Indonesia*]

**Requests** regional associations, technical commissions, the Research Board, and the Hydrological Coordination Panel to, inter alia, within the framework of the WMO Strategic Plan to:

(1) Align their respective capacity development efforts with the WMO Capacity Development Strategy, with a view of ensuring an organization-wide coherency of approach to commensurate projects and activities;

(2) Conduct a survey of available infrastructure for supporting service delivery from the perspective of their respective operational domains;

(3) Identify what and how each of them can contribute to the research-to-operation continuum, including approaches to the promotion of capacity development and service capabilities at the regional level;

(4) Promote resource mobilization initiatives in coordination with the Secretariat;

(5) Provide the necessary technical support on the implementation of the Early Warnings for All Initiative.

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See [Cg-19/INF. 4.4(3)](https://meetings.wmo.int/Cg-19/_layouts/15/WopiFrame.aspx?sourcedoc=/Cg-19/InformationDocuments/Cg-19-INF04-4(3)-OTHER-CAPACITY-DEVELOPMENT-MATTERS_en.docx&action=default) for more information.
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