

Regional Climate Centres: relevant CCI and EC decisions

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World Meteorological Organization
Organisation météorologique mondiale

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CCI-17:

Resolution 3 (CCI-17) - Enhancing WMO Regional Climate Centre operations

- (1) To revisit the mandatory and highly recommended functions of RCCs and the associated products and criteria as defined in the Manual on the Global Data-processing and Forecasting System, in close coordination with the Commission for Basic Systems and collaboration with the regional associations, and propose suitable updates and revisions, keeping in view the emerging requirements of the Climate Services Information System, research/operational advances and the needs and capabilities of the existing as well as proposed RCCs;
- (2) To finalize and publish technical guidance for the establishment and operation of RCCs and RCC Networks, as well as next-generation Regional Climate Outlook Forum (RCOF) operational practices, focusing on objective approaches to seasonal prediction;
- (3) To enhance the role of RCCs and WMO Regional Training Centres in the RCOF-associated training activities to make them more effective in capacity development at the national level.

CCI-17:

Recommendation 6 (CCI-17) - Good practices in the use and interpretation of climate change projections on regional and national scales

- **Decides** to develop guidance on good practices for the production of regional and national climate change projections and their usage;
- **Invites WMO RCCs and RCC Networks to take up the highly recommended function on regional climate change projections** to promote these good practices and consistent approaches to produce, interpret and use climate change projections on regional and national scales;
- **Further invites** the World Climate Research Programme to facilitate easy user access to and interpretation and use of climate change projections at the global and regional scales, including outputs of the Coupled Model Intercomparison Project and the Coordinated Regional Climate Downscaling Experiment project.

CCI-17:

Resolution 6 (CCI-17) - Contribution to WMO support for multi-hazard early warning systems

Decides to contribute to the WMO efforts in MHEWS in the following areas:

(1) Implementation of a Climate Watch System using the existing WMO Guidelines on Climate Watches and through developing updated versions;

CCI-17:

Resolution 9 (CCI-17) - Tailored and seamless climate services

Decides:

- (1) To examine needs and develop guidance for design and delivery of tailored products and services across all timescales (historical past, present, short-term, sub-seasonal, seasonal, decadal and multi-decadal to century scales), and explore development of generic tools for production and delivery of such products;
- (2) To provide guidance and technical advice on producing tailored climate information, including sector-specific climate indices and downscaled products, based on the good practices reflected in the aforesaid guidance;
- (3) **To ensure improved climate services delivery at the regional and national scales by communicating tailored products and services** for user-level decision-making as well as for weather and climate risk management, through regional and national user interface mechanisms, including regional and national climate forums.

CCI-17:

Recommendation 9 (CCI-17) - Integrated capacity development process for the Climate Services Information System

Decides to initiate and implement an integrated capacity development process to support further the GFCS Climate Services Information System (CSIS) operationalization, with elements to include:

- (1) Strengthened collaboration and coordination of training activities across Regional Training Centres, other centres contributing to capacity development for climate services, and ad hoc training as organized by non-governmental organizations and other entities to leverage common training objectives, complemented by distance learning and training of trainers, through the WMO Global Campus;
- (2) **Use of Regional Climate Centres, Regional Climate Outlook Forums and National Climate Outlook Forums/National Climate Forums to systematically identify and address capacity development requirements;**
- (3) Hands-on implementation assistance via twinning with NMHSs that provide training services, coupled with deployment of the Climate Services Toolkit and experts;
- (4) Application of quality management standards for climate services;
- (5) Use of the updated edition of the Guide to Climatological Practices (WMO-No. 100) as a basis for the development of training material and to support the development of competencies for the provision of climate services;

CCI-17:

Recommendation 10 (CCI-17) - Human resource development through implementation of competencies for provision of climate services

Invites:

(1) Regional Training Centres to contribute to the development and delivery of the BIP-CS;

(2) **Regional Climate Centres to coordinate their training functions with RTCs and establish regular dialogue to improve their training activities**, using opportunities such as Regional Climate Outlook Forums, including sector-oriented forums, as a platform for the provision of climate services and building the competencies needed to address sector-specific requirements.

EC 70

Resolution 5 (EC-70) - Recommendations of the Commission for Climatology at its seventeenth session

Decides to endorse the report and to take actions on the recommendations in it, as follows:

Recommendation 6 (CCI-17) – Good practices in the use and interpretation of climate change projections on regional and national scales

(a) Approves the recommendation;

(b) Urges WMO Regional Climate Centres (RCCs) and RCC Networks to take up the highly recommended function on regional climate change projections to promote good practices;

(10) Recommendation 10 (CCI-17) – Human resource development through implementation of competencies for provision of climate services

(a) Approves the recommendation;

(c) Invites RCCs to coordinate their training functions with RTCs;

EC 70

Decision 3 (EC-70) Further implementation of the WMO Disaster Risk Reduction Roadmap

Requests Secretary General to:

(e) Ensure agreements are established between Regional Climate Centres (RCCs) and WMO on projects such as CREWS in order to provide climate services for DRR and emergency management at the regional level,

EC 70

Decision 9 (EC-70) - Promoting the use and interpretation of climate change projections on regional and national scales

Decides to:

(2) Support the Commission for Climatology (CCI) initiative to identify requirements and good practices on producing climate change projections on regional scale, including **through highly recommended functions of Regional Climate Centres (RCCs)**, to promote these good practices and consistent approaches to produce, interpret and use high-resolution climate change projections on regional and national scales;

(6) **Urge WCRP, in collaboration with CCI, to pursue closer engagement with RCOFs and Regional Climate Centres (RCCs)**, through the establishment of a joint research-to-operations platform to address research needs for regional optimization of Climate Services Information System (CSIS) operations;

(7) Urge RCOFs in close proximity and having common climate influences to **closely align and harmonize their operations** to enable the concerned Members to derive optimized benefit from the available regional climate change

Regional Associations VI, V, III

Decision Implementation and Coordination of Regional Climate Centre Operations in RA V

To establish collaboration and coordination mechanisms to ensure the consistency and harmonization of operations of Regional Climate Centres (RCCs) in RA , through regular coordination efforts facilitated by the RA subsidiary body in charge of climate services

CCI-17:

Recommendation 3 (CCI-17) Continuation and strengthening of the work of the Commission for Climatology

Recommends that the ongoing work and planned deliverables of the Commission for Climatology be taken into account in the ongoing governance review, and that all necessary arrangements to ensure their continuity be incorporated into the governance review outcomes.

Thank you

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EC 69

Decision 17 (EC-69) National Implementation of the Climate Services Information System

Requests the Commission for Climatology:

- (1) To provide, with support from the Commission for Basic Systems, technical guidance to Members for establishment and implementation of the CSIS with particular attention to national-level aspects and report back at the seventieth session of the Executive Council on the progress;
- (2) To promote and facilitate the utilization of Climate Services Toolkit (CST) by Members;

Requests regional associations to enable their subsidiary bodies dealing with climate services to support consolidation of country action plans for CSIS, including through relevant linkages with the concerned Regional Climate Centres (RCCs);