

No.	Station name	GCW Submission ID	Member Country of the organization operating the station	Geographical location of station	WMO ID
48	Weissfluhjoch SwissMetNet AWS (WFJ)	75	Switzerland	Switzerland	0-20000-0-06780

Resolution 30 (EC-70)

The 2018 review of the World Climate Research Programme

THE EXECUTIVE COUNCIL,

Recalling that the World Climate Research Programme (WCRP) was established in 1980 under the joint sponsorship of the International Council for Science (ICSU) and WMO; that in 1993 the Intergovernmental Oceanographic Commission (IOC) of the United Nations Educational, Scientific and Cultural Organization also became a sponsor, and that the joint agreement signed between the three co-sponsors in 1993 provides the definition of the WCRP financial, governance and institutional arrangements that enable the international planning and coordination of the Programme,

Appreciating the review of WCRP conducted by a review panel established by co-sponsors and concluded in early 2018,

Recognizing that since its inception, the key strength of WCRP has been its focus on cutting-edge physical climate science where international coordination enables scientific advances that would not happen otherwise,

Recognizing also that WCRP and other WMO research programmes under the Commission for Atmospheric Sciences (CAS) (the World Weather Research Programme (WWRP) and Global Atmosphere Watch (GAW)) draw on the capabilities of a large science community beyond the National Meteorological and Hydrological Services (NMHSs), and that those capabilities are fundamental for advancing the WMO strategy for service delivery,

Noting that research needs to be better integrated and more closely coordinated across weather, climate, water and related environmental domains to provide the necessary scientific and technical advances needed to address the growing need for targeted and societally relevant services and to create an attractive environment in which NMHSs, academic institutions, the private sector and end users can engage in research to their mutual benefit,

Noting also that the transition process in WMO constituent bodies will create opportunities for developing a broader umbrella for Earth system sciences across technical commissions and WMO and co-sponsored research programmes,

Having examined the outcome of the review and also the report by the review panel Chairperson, Ms Julia Slingo, including recommendations on the future WCRP strategy, structure, governance, operations, financing and partnerships, in order to effectively deliver WCRP to meet the evolving needs for climate science in support of policy and services,

Mindful of the role of the WCRP Joint Scientific Committee to provide science leadership, to develop the science strategy and oversee its implementation, and to build a strong community of international scientists to work on grand challenge problems that require international coordination,

Appreciating also the progress that has been made on developing the WCRP strategy and making it available for a broad community consultation,

Appreciating further that the president of CAS and the scientific leadership of GAW, WCRP and WWRP have already initiated a consultation process to strengthen their strategic partnerships and initiate co-design of relevant research programmes,

Endorses the recommendations of the review provided in the annex to the present resolution;

Urges the Chairperson of the WCRP Joint Scientific Committee to give strong consideration to recommendations 1, 3, 5, 7 and 8 in the future strategic and implementation plans of WCRP, working closely with WWRP, GAW, the Global Climate Observing System, the Global Framework for Climate Services as well as Future Earth;

Requests the Second Vice-President of WMO, with support from the Secretary-General:

- (1) To facilitate the consultation with the officers of WCRP co-sponsors ICSU and IOC in preparation for the approval by the Executive Council of the new WCRP Science Strategy and Implementation Plan, taking note of review recommendations 2, 4 and 6 directed towards the governance, support and financing of WCRP, with guidance from the WCRP Joint Scientific Committee;
- (2) To consult with the officers of WCRP co-sponsors ICSU and IOC on the most effective mechanisms for the governance of WCRP;

Requests the Secretary-General, together with the executive heads of other WCRP co-sponsors, to actively engage in resource mobilization initiatives to support the Programme;

Calls upon Members to actively support WCRP activities and promote the WCRP role at a national level as the primary global climate research coordination programme.

Annex to Resolution 30 (EC-70)

Recommendations of the review of the World Climate Research Programme

The full report of the 2018 WCRP Review with executive summary and recommendations is available at [EC-70/INF. 10.2](#).

Recommendation 1: Science Strategy

A new 10-year WCRP science strategy and related 5-year implementation plan must be developed as soon as possible in discussion with the sponsors and with wide consultation and community buy-in.

Recommendation 2: Governance and the Memorandum of Understanding (MoU)

The Review Panel recommends that a formal high-level Governing Board for WCRP be established to enable more effective engagement with the co-sponsors and enable them to fulfil their responsibilities for the programme. A new MoU should be put in place to reflect changes in governance, operations and structure.

Recommendation 3: Scientific Leadership

The Review Panel recommends that the Joint Scientific Committee (JSC) should be reinvigorated to focus on providing science leadership, setting the science strategy and overseeing its implementation, including establishing partnerships, and building a strong community of international scientists to work on grand challenge research problems that require international coordination.

Recommendation 4: Operations

The Review Panel recommends that additional clarity be provided in the terms of reference, structure and functions of the Joint Planning Staff (JPS) and the Director of the WCRP, to ensure that the JPS works effectively with the JSC to support its scientific activities, to facilitate international engagement and partnerships, and to manage WCRP resources.

Recommendation 5: Structure

The JSC, in consultation with the newly created Governing Board, should work with the science community to establish a new structure for the WCRP research effort that best serves its new strategy and involves a simplified set of delivery mechanisms.

Recommendation 6: Financing

In light of the importance to society of the goals of WCRP and the precarious level of current financial support for the programme, the co-sponsors should redouble their efforts to support WCRP financially at a higher level of enabling funding so that it can operate more effectively.

Recommendation 7: Science to service

WCRP should take action to ensure its knowledge is brought to the service of society, especially in supporting the development of climate services.

Recommendation 8: Partnership

WCRP should seek to develop strategic and strong partnerships with other WMO research programmes (specifically WWRP and GAW), GCOS, and Future Earth.

Resolution 31 (EC-70)

Education and training

THE EXECUTIVE COUNCIL,

Recalling:

- (1) Resolution 51 (Cg-17) – Education and Training Programme, on the guiding principles of the Programme,
- (2) Resolution 52 (Cg-17) – Recognition and reconfirmation of WMO Regional Training Centres,
- (3) Resolution 8 (EC-68) – Amendments to *Technical Regulations* (WMO-No. 49), Volume I,
- (4) Decision 64 (EC-68) – Reconfirmation of the Institute of Biometeorology (Florence, Italy) as WMO Regional Training Centre,
- (5) Decision 56 (EC-69) – WMO Regional Training Centres,

Taking note of the request of the Permanent Representative of Spain on designation of the Agencia Estatal de Meteorología (AEMET) as a WMO Regional Training Center (RTC) in Spain,

Having considered the recommendations of the Executive Council Panel of Experts on Education and Training (EC-PEET) to designate AEMET as an RTC (see [EC-70/INF. 11.1](#)),