



WMO OMM

World Meteorological Organization
Organisation météorologique mondiale
Organización Meteorológica Mundial
Всемирная метеорологическая организация
المنظمة العالمية للأرصاد الجوية
世界气象组织

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GENEVA, 3 August 2016

Annexes: 2

Subject: Consolidation of information from RTCs on annual training opportunities
(2017)

Dear Sir/Madam,

As you know, in recent years we have asked for your planned lists of courses by December of the year before so that we can host them on our Website. 2016 is now halfway over, and while many courses are still to be completed, we are already looking forward to planning for the new course offerings in 2017.

Considering the need to assist Members plan for their staff development in advance, we would like to make an earlier announcement of the intended courses and dates through circular letter from the Secretary General to all Members so that everyone can plan ahead as far as possible.

Obviously due to the limited budget, WMO ETR can only consider giving some support to limited number of potential trainees in courses by RTCs offered in 2017. Hence, this approach would also enable WMO make appropriate plan for implementation of its programme in line with its priorities for the current financial period, as listed in Annex I. You may wish to make reference to full text of WMO Strategic Plan in https://www.wmo.int/pages/about/spla_en.html

In order to enable WMO enlist what is available in your RTC in a formal circular letter on the available training opportunities to its Members, it would be appreciated if you could complete annex II and respond to us through "tra@wmo.int" by 31 August with your listings and any other useful information about your plan for 2017. We realize that not all your courses can be confirmed at this early date, but even a tentative will help in planning. While you may revert to ETR for further clarifications, I would take this opportunity to encourage you to work closely with the WMO regional and sub regional offices in your respective regions on this and similar future exercises. The addresses of the regional and sub regional offices are attached for your reference.

I take this opportunity to thank you for your cooperation with WMO in the delivery of education and training activities.

Yours faithfully,

(Y. Adebayo)
Director

Education and Training Office

To: Directors of Regional Training Centres

cc: Permanent Representatives of countries involved in RTCs

WMO PRIORITIES 2016–2019

WMO priorities for 2016–2019 reflect the inputs from all WMO constituent bodies and in particular the six regional associations, which gathered the collective views of all 191 Members. All bodies recognize the significance of the WMO research priorities in the area of high-impact weather forecasting, seasonal to sub-seasonal prediction, polar prediction and urban meteorology as the means of enabling improvements to operational service delivery. This is also the case for advancements in monitoring and information technologies, in particular the need to keep WIS aligned with WIGOS developments.

The following key priorities will be given additional emphasis in the WMO Programmes and results based budget for 2016–2019:

- (a) **Disaster risk reduction:** Improve the accuracy and effectiveness of impact-based forecasts and multi-hazard early warnings of high impact meteorological, hydrological and related environmental hazards from the tropics to the poles, thereby contributing to international efforts on disaster risk reduction, resilience and prevention, in particular in response to the risks associated with increasing population exposure;
- (b) **Global Framework for Climate Services:**
Implement climate services under the GFCS particularly for countries that lack them by:
 - (i) establishing regional climate centres; (ii) identifying user requirements for climate products;
 - (iii) developing the Climate Services Information System; (iv) advancing the sub seasonal to seasonal prediction skill;
- (c) **WMO Integrated Global Observing System:**
Strengthen the global observing systems through full implementation of WIGOS and WIS for robust, standardized, integrated, accurate and quality assured relevant observations of the Earth system to support all WMO priorities and expected results;
- (d) **Aviation meteorological services:** Improve the ability of NMHSs to provide sustainable high-quality services in support of safety, efficiency and regularity of air traffic management worldwide, with due account to environmental factors by:
 - (i) accelerating the implementation of ICAO/WMO competency and qualification standards and quality management systems;
 - (ii) addressing emerging requirements and challenges related to the 2013–2028 Global Air Navigation Plan, in particular concerning ICAO Block 1 Upgrades; and (iii) strengthening the sustainability and competitiveness of aeronautical meteorological service provision through improved cost recovery mechanisms and suitable business models for service delivery frameworks;
- (e) **Polar and high-mountain regions:** Improve operational meteorological and hydrological monitoring, prediction and services in polar and high-mountain regions and beyond by:
 - (i) operationalizing the Global Cryosphere Watch;
 - (ii) better understanding the implications of changes in these regions on the global weather and climate patterns; and
 - (iii) advancing the polar prediction under the Global Integrated Polar Prediction System;
- (f) **Capacity development:** Enhance the capacity of NMHSs to deliver on their mission by developing and improving competent human resource, technical and institutional capacities and infrastructure, particularly in developing and least developed countries and small island developing States;
- (g) **WMO governance:** Improve efficiency and effectiveness of WMO by adopting continuous improvement measures and recommendations based on a strategic review of WMO structures, operating arrangements and budgeting practices.

EXPECTED RESULTS

To achieve significant, targeted improvement of services to address the escalating needs, WMO will focus its endeavors on the following Expected Results:

1. **Improved service quality and service delivery:** Enhanced capabilities of Members to deliver and improve access to high-quality weather, climate, hydrological and related environmental predictions, information, warnings and services in response to users' needs and to enable their use in decision making by relevant societal sectors.
2. **Reduced disaster risk:** Enhanced capabilities of Members to reduce risks and potential impacts of hazards caused by weather, climate, water.
3. **Improved data-processing, modelling and forecasting:** Enhanced capabilities of Members to produce better weather, climate, water and related environmental information, predictions and warnings to support, in particular, reduced disaster risk and climate impact and adaptation strategies.
4. **Improved observations and data exchange:** Enhanced capabilities of Members to access, develop, implement and use integrated and interoperable Earth- and space-based observation systems for weather, climate and hydrological observations, as well as related environmental and space weather observations, based on world standards set by WMO.
5. **Advance targeted research:** Enhanced capabilities of Members to contribute to and draw benefits from the global research capability for weather, climate, water and related environmental science and technology development.
6. **Strengthened capacity development:**
Enhanced capabilities of Members' NMHSs, in particular in developing and least developed countries and small island developing States, to fulfil their mandates.
7. **Strengthened partnerships:** New and strengthened partnerships and cooperation activities to improve NMHSs' performance in delivering services and to demonstrate the value of WMO contributions within the United Nations system, relevant regional organizations, international conventions and national strategies.
8. **Improved efficiency and effectiveness:** Ensured effective functioning of policymaking and constituent bodies

Annex 2

WMO-Partner/Regional Training Center Course Listings for 2017

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