

WMO OMM

WEATHER CLIMATE WATER
TEMPS CLIMAT EAU



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

Secrétariat

7 bis, avenue de la Paix – Case postale 2300
CH 1211 Genève 2 – Suisse
Tél.: +41 (0) 22 730 81 11
Fax: +41 (0) 22 730 81 81
wmo@wmo.int – public.wmo.int

Our ref.: 19652/2018/ETR/CRS-2318

19 July 2018

Annexes: 2 (available in English only)

Subject: Voluntary Cooperation Programme (VCP) Contribution of Hong Kong, China Workshop on Meteorology – Air Traffic Management Integration (MET-ATM) under the Joint CAS/CAeM Aviation Research Demonstration Project (AvRDP)

Action required: For information and appropriate action, as necessary

Dear Sir/Madam,

I have been advised by the Permanent Representative of Hong Kong, China with WMO that as a contribution to the WMO VCP, Hong Kong, China will organize a Workshop on Meteorology - Air Traffic Management Integration (MET-ATM) under the joint CAS/CAeM Aviation Research Demonstration Project (AvRDP) from 8 to 10 October 2018.

This is the second Workshop organized under AvRDP subsequent to the first one held in 2016 focusing on the enhancement of meteorological information. The captioned workshop will focus on the integration of enhanced meteorological information into air traffic management and the end users, with experience gained from Phase II of AvRDP.

The AvRDP is to promote the advancement of meteorological capability and to demonstrate how the enhanced meteorological information could bring benefits to ATM via demonstrations at various airports around the globe. Representatives from selected AvRDP participating airports and aviation modernization projects will be invited to provide lectures on MET-ATM Integration. Other latest related development, such as regional aviation weather services development, will also be presented to the VCP participants.

The Workshop aims to advance capacity building of WMO Members who need to upgrade their aviation weather services or implement new projects to meet the future aviation needs. Personnel involved in aeronautical weather modernization are welcome to attend the workshop. Preference will be given to RA II and RA V Members whose air traffic is increasing rapidly. Acceptance of Members from other regional associations will be subject to availability of places. A brief description of the workshop is given in Annex I. We are prepared to offer up to 20 fellowships covering tuition and/or per diem expenses.

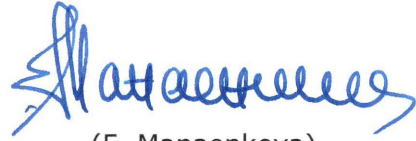
To: Permanent Representatives (or Directors of Meteorological or Hydrometeorological Services) of Members of WMO

cc: Hydrological Advisers to Permanent Representatives

Ref.: 19652/2018-1.3 DRA/ETR

Interested candidates are requested to complete the attached Participant Nomination Form in Annex II and return it directly to the Hong Kong Observatory (Mr Terence Kung, email: tkung@hko.gov.hk; fax: +852 2375 2645; telephone: +852 2926 8319) not later than **15 August 2018**.

Yours faithfully,



(E. Manaenkova)
for the Secretary-General

**WMO VCP Workshop on Meteorology - Air Traffic Management Integration (MET-ATM) under
the Joint CAS/CAeM Aviation Research Demonstration Project (AvRDP)**

8-10 October 2018

Hong Kong, China

Objective

To address the training and capacity building needs for WMO Members who need to upgrade their aviation meteorological weather services by integrating enhanced meteorological information into local air traffic management operations.

Contents

1. ATM requirements under the Aviation System Block Upgrade (ASBU) of the Global Air Navigation Plan (GANP);
2. MET enhancement under AvRDP – nowcasting and mesoscale modelling;
3. MET-ATM Integration showcases:
 - (a) Selected AvRDP participating airports' projects;
 - (b) Other aviation modernization projects;
4. New aviation weather provisions:
 - (a) Regional aviation weather services;
 - (b) ASEAN System Wide Information Management (SWIM) Demonstration;
5. Experience sharing on MET-ATM collaboration and identification of gaps; and
6. Discussions on preparation for local implementation.

Medium of instruction

English

Course Date

8-10 October 2018

Deadline for application

The completed WMO Fellowship Nomination Form should be returned to the Hong Kong Observatory (Mr. Terence Kung, Scientific Officer, Hong Kong Observatory, Hong Kong, China. E-mail: tkung@hko.gov.hk, Fax: (852) 2375 2645) with a copy to the WMO Secretariat by **15 August 2018**.

Places offered

Around 20 participants. Preference will be given to qualified applicants from RA II and RA V Members.

Qualification of participants

- Participants are required to be proficient in English.
- Participants should have knowledge and experience in aviation meteorology.
- Participants are expected to have a hands-on role in leading/carrying out the associated research/development/operation in enhancing aviation weather services.
- Participants who have experience in liaison/collaboration with their respective ATM counterparts would be of higher priority.
- All participants are required to provide the course organizer with feedback on the usefulness of the knowledge and skills acquired within 6 months after receiving the training, especially on how these knowledge and skills would be applied in their NMHSs.
- All participants are encouraged to actively maintain technical exchange and communication with the organizer and among themselves after the training.

Fellowship

- Tuition fee will be waived. Lodging will be provided, supplemented by a per diem allowance of HK\$180 per day.
- The costs of air passage and related insurance costs between Hong Kong, China and the home town of participants will have to be borne by the recipient WMO Members. In the event any Member is unable to meet the air passage costs, the Hong Kong Observatory is prepared to offer a limited number of air passages for those in need, on a case-by-case basis.

Insurance

The course organizer does not hold any responsibility for compensation in the event of death, illness, injury or loss of property during the course period. The same applies to the duration of passage in the event the Hong Kong Observatory provides the air passages. Participants are therefore fully responsible for arranging life, health, and other forms of insurance as appropriate and necessary.

Enquiries

Mr Terence Kung, Scientific Officer, Hong Kong Observatory, Hong Kong, China.

E-mail: tkung@hko.gov.hk, Fax: (852) 2375 2645, Tel: (852) 2926 8319.

WORLD METEOROLOGICAL ORGANIZATION

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PARTICIPANTS NOMINATION FORM

**VCP Workshop on Meteorology - Air Traffic Management Integration (MET-ATM) under
the Joint CAS/CAeM Aviation Research Demonstration Project (AvRDP)**

Hong Kong, China, 8-10 October 2018

The Government of _____
nominates the following candidate as a participant of the above workshop.

1. Family name (in capitals): _____

2. First name (in capitals): _____

3. Address: _____

Tel: _____ Fax: _____

E-mail: _____

4. Date of birth: _____ Male ☐ Female ☐

Nationality: _____

Passport no.: _____

Date of issue: _____ Expiry date: _____

5. Qualifications (certificates, diplomas or degrees):

6. Present position and brief description of duties:

7. What roles or tasks will your participant be required to undertake after this workshop to enable your service to make the most of the opportunity to develop new knowledge and skills?

8. Working language: _____

(Note: For applicants whose working language is not ENGLISH, this nomination form must be accompanied by English proficiency certification.)

9. Contact person in emergency:

Name: _____

Address: _____

Tel: _____ Fax: _____

E-mail: _____

10. Financial assistance for travel required: Yes ☐ No ☐

11. I fully understand that the organizer does not hold any responsibility for compensation in the event of death, illness, injury or loss of property during the period of the workshop.

Permanent Representative: _____ (Signature)

(Block letters)

Date: _____

To be completed and sent to reach the following address on or before **15 August 2018**:

Director of the Hong Kong Observatory
(Attn: Mr Terence Kung, Scientific Officer)
134A, Nathan Road
Hong Kong, China
Tel: +852 2926 8319 Fax: +852 2375 2645
E-mail: tkung@hko.gov.hk