

**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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2021 年 9 月 1 日

附件: 2 个(仅提供英文版)

主题: WMO VCP 城市自动天气预报产品开发与利用在线研习班, 香港天文台, 2021 年 12 月 6-10 日

要求采取的行动: 请于 **2021 年 10 月 15 日**前提供有关信息并适当行动

尊敬的先生/女士,

我很高兴通知您, 香港天文台将于 2021 年 12 月 6-10 日举办一个名为“城市自动天气预报产品开发与利用”的在线研习班。

研习班旨在提高国家气象和水文部门(NMHS)开发和提供中短期城市天气预报的能力。欢迎参与处理城市自动天气预报产品的预报员和研究人员参加研习班。香港天文台准备提供 40 个涵盖学费的奖学金。来自第二和第五区域协会的会员, 特别是参与亚洲数值预报联合体(ACNF)的会员, 以及世界气象组织灾害性天气预报示范项目(SWFDP)的参与国将获优先考虑。研习班将以英语进行。研习班的简要介绍见附件一。

请有意参与的候选人填写所附的参与人员提名表(附件二), 并于 **2021 年 10 月 15 日**前尽快直接发给 Terence Kung 先生(电子邮件: tkung@hko.gov.hk 或传真: +852 2375 2645)。

您诚挚的

张文建博士
代秘书长

致: 会员 WMO 常任代表

抄送: 水文顾问

**WMO VCP Online Workshop on
Development and Use of Automated City Weather Forecast Products
Hong Kong, China
6–10 December 2021**

Objective

To address the capacity building needs and to enhance the participants' capability in the development, application and verification of tailored guidance products using Numerical Weather Prediction (NWP) model and Ensemble Prediction System (EPS) outputs.

Contents

- i. Introduction to recent developments in NWP and EPS
- ii. Post-processing of NWP outputs to generate automatic city-specific weather forecast products
- iii. Post-processing of NWP/EPS outputs for high-impact or extreme weather events, development of probabilistic guidance and their use and interpretation
- iv. Visualization of NWP/EPS outputs and post-processed products
- v. Verification methods of NWP/EPS outputs and post-processed products
- vi. Sharing of experience from WMO Members
- vii. Practical session on running post-processing algorithms and visualization of NWP outputs.

Lecturers

Weather forecasting and modelling experts from the Hong Kong Observatory and invited experts from renowned meteorological centres.

Medium of instruction

English

Course duration

0700–1000 UTC on 6– 10 December 2021

Deadline for application

The completed WMO Nomination Form should be returned to the Hong Kong Observatory by **15 October 2021**.

Places offered

Around 40 registered participants. Preference will be given to qualified applicants from RA II and RA V Members, especially those participating in the Asian Consortium for Numerical Forecasts (ACNF) and the WMO Severe Weather Forecasting Programme (SWFP).

Qualification of participants

- Participants are required to be proficient in English.
- Participants should have experience in weather forecasting and/or NWP product development.
- Participants are expected to have a role in developing NWP/EPS products especially for high-impact weather services in their NMHSs at present or in the future.

- Participants are required to provide the course organizer with feedback on the usefulness of the knowledge and skills acquired within 6 months after participating in the workshop on how these knowledge and skills would be applied in their NMHSs.
- Participants are encouraged to actively maintain technical exchange and communication with the organizer and among themselves after the workshop.

Course delivery

Participants are expected to attend the workshop online through Zoom video conferencing in real-time mode, therefore a decent connection to the Internet should be provided to ensure smooth streaming of video and sound, as well as connection to remote servers to take part in practical sessions during the course.

Course fee

- Tuition fee will be waived.

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.

PARTICIPANTS NOMINATION FORM
VCP Online Workshop on Development and Use of
Automated City Weather Forecast Products
Hong Kong, China, 6–10 December 2021

The Permanent Representative of _____
 with WMO 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: (mm/yyyy) _____ Male ☐ Female ☐

Nationality: _____

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: *If English is not one of the working languages of the applicant, this nomination form must be accompanied by an English proficiency certification.*)

Permanent Representative: _____ (Signature)

_____ (Block letters)

Date: _____

To be completed and sent to reach the following address on or before **15 October 2021**:

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
