



WMO OMM

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

Secrétariat

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Ref.: 14775/2022-1.6 MS/ETR

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6 de julio de 2022

Anexos: 2 (disponibles en inglés solamente)

Asunto: Taller en Línea del Programa de Cooperación Voluntaria de la Organización Meteorológica Mundial sobre Detección y Localización por Ondas Luminosas (Observatorio de Hong Kong, 13 a 16 de septiembre de 2022)

Finalidad: Brindar información sobre el taller y solicitar la adopción de las disposiciones pertinentes no más tarde del **19 de agosto de 2022**

Estimado señor/Estimada señora:

Tengo el placer de informarle que el Observatorio de Hong Kong (HKO) está organizando un Taller en Línea sobre Detección y Localización por Ondas Luminosas (LIDAR), que tendrá lugar del 13 al 16 de septiembre de 2022.

El taller tiene por objetivo promover la creación de capacidad de aquellos Miembros de la Organización Meteorológica Mundial (OMM) que estén interesados en mejorar sus servicios meteorológicos aeronáuticos para que satisfagan las necesidades del sector de la aviación. Así pues, se invita a los pronosticadores y los investigadores aeronáuticos a participar del taller en línea. Se dará preferencia a los Miembros de las Asociaciones Regionales II y V cuyo tránsito aéreo esté aumentando rápidamente. Está previsto que el taller, que se impartirá en inglés, cuente con aproximadamente 40 participantes en total. En el [anexo 1](#) a la presente carta encontrará una breve descripción de esta actividad.

Se ruega a los candidatos interesados que completen el formulario de designación de participantes, que figura en el [anexo 2](#) a la presente carta, y lo envíen directamente al señor Terence Kung por correo electrónico (tkung@hko.gov.hk) o fax (+852 2375 2645) lo antes posible y, en cualquier caso, no más tarde del **19 de agosto de 2022**.

Le saluda atentamente.

Dr. Wenjian Zhang
por el Secretario General

A los Representantes Permanentes de los Miembros ante la OMM

Copias: Asesores Hidrológicos

WMO VCP and ICAO Online Workshop on Light Detection and Ranging (LIDAR)

Hong Kong, China, 13–16 September 2022

Ref.: 14775/2022-1.6 MS/ETR

Objective

To introduce the Light Detection and Ranging (LIDAR) and its application in the detection of windshear and turbulence for WMO Members who are interested to upgrade their aviation weather services for future aviation needs.

Contents

1. A brief introduction in Light Detection and Ranging (LIDAR) System
2. Techniques for the configuration and processing of LIDAR data
3. Application of LIDAR in windshear detection and warning, and aerosol monitoring
4. Limitation of LIDAR and mitigation measures
5. Sharing of experience from WMO Members

Medium of instruction

English

Course date and time

0700 – 1000 UTC, 13 to 16 September 2022

Deadline for application

The completed WMO Participants Nomination Form should be returned to the Hong Kong Observatory with a copy to the WMO Secretariat by 19 August 2022.

Places offered

Around 40 participants in total. Preference will be given to qualified applicants from RA II and RA V Members whose air traffic is increasing rapidly.

Qualification and requirements of participants

- Participants should be proficient in English
- Participants should have knowledge and experience in aviation forecasting
- Participants are expected to have a role in developing windshear and turbulence detection at present or in the future
- All participants are required to provide the course organizer 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
- All 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 in place to ensure a smooth streaming of video and sound, as well as a connection to remote servers to take part in practical sessions during the course.

Fellowship

Tuition fee will be waived.

Enquiries

Mr Terence Kung, Scientific Officer, Bong Kong Observatory, Hong Kong, China.
Email: tkung@hko.gov.hk, fax: (852) 2375 2645, tel: (852) 2926 8319.

PARTICIPANTS NOMINATION FORM

WMO VCP and ICAO Online Workshop on Light Detection and Ranging (LIDAR)

Hong Kong, China, 13–16 September 2022

Ref.: 14775/2022-16 MS/ETR

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:

Email:

4. Date of birth:

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 For applicants whose working language is not English, this nomination form must be accompanied by English proficiency certification.

Permanent Representative

(Signature)

(Name in capitals)

Date:

To be completed and sent to reach the following address on or before **19 August 2022**

Director of the Hong Kong Observatory
(Attn: Mr Terence Kung, Scientific Officer)
134 A, Nathan Road
Hong Kong, China

Tel: +852 2926 8319 Fax: +852 2375 2645

Email: tkung@hko.gov.hk
