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2026 年 8 月 19 日

附件: 3 (仅以英文提供)

主题: 风暴潮与海啸预报警报服务研习会 (2026 年 12 月 2 至 4 日, 中国香港)

要求采取的行动: 供参阅, 并请于 **2026 年 10 月 1 日** 前采取适当行动

尊敬的先生/女士,

我谨通知您, 香港天文台 (HKO) 将于 2026 年 12 月 2 至 4 日在中国香港举办风暴潮与海啸预报警报服务研习会。此次活动纳入其对 WMO 自愿合作计划 (VCP) 的捐赠。研习会将介绍风暴潮和海啸预报系统和警报服务的最新进展、海啸观测网络的优化设计及海啸观测的利用、非地震海啸模式模拟的最新进展、公共警报协议 (CAP) 在警报分发中的使用。[附件 I](#) 和 [附件 III](#) 分别给出了简要说明和暂定计划。

本研习班旨在满足强化风暴潮及海啸预报警报服务能力的需求, 从而加强应对沿海多种危害的韧性, 支持应急准备和响应, 与联合国全民预警 (EW4All) 倡议保持一致。它还将促进国家机构间在技术进步、灾害管理和预警服务方面的交流与协作。

正因认识到了此研习会与联合国教科文组织 (UNESCO) 政府间海洋学委员会 (IOC) 在海啸预报和警报服务领域的授权任务密切相关, WMO 很高兴与 HKO 和 IOC 共同组织本研习会。并将在太平洋海啸警报与减灾系统政府间协调组 (ICG/PTWS) 成员中推广。

本研习会将在“一带一路国家气象培训中心”旗下举办。WMO 和 ICG/PTWS 的会员, 包括“一带一路”倡议参与国均可参加。我们将优先考虑来自第二和第五区域协会, 特别是南中国海和太平洋地区会员的合格申请人。若名额允许, 还可考虑其他地区的申请。有关研习会的信息还将在“WMO 全球校园倡议学习活动日历”上公布。

研习会将以混合形式进行, 以英语授课。现场学员最多 25 名, 其他学员可在线参加非实操课程。HKO 准备负担学员的学费。机票、酒店住宿和/或每日津贴将应要求提供给部分会员。[附件 I](#) 和 [附件 II](#) 提供了更多详细信息, 包括参会要求和申请流程。请有意参会的候选人于 **2026 年 10 月 1 日** 前尽快填写提名表并向 HKO 提交。

秘书处谨请您协助将此次培训机会告知贵部门感兴趣的候选人, 并协助进入提名程序。

致: WMO 会员常任代表

抄送: 水文顾问

如欲获更多信息，请联络中国香港 HKO 首席实验官员 CHAN Yuk Hing, Joanne 女士（电邮：yhchan@hko.gov.hk，传真：（852）2375 2645）。

谨上

A handwritten signature in black ink, appearing to be 'Shum', written in a cursive style.

席列斯特·绍罗教授
秘书长

**WMO Voluntary Cooperation Programme and Intergovernmental Oceanographic
Commission/Intergovernmental Coordination Group for the
Pacific Tsunami Warning and Mitigation System Workshop on
Storm Surge and Tsunami Forecasting and Alert Services
Hong Kong, China
2–4 December 2026**

Objectives

To address the capacity development needs for enhancing storm surge and tsunami forecasting and alert services to strengthen coastal multi-hazard resilience and support emergency preparedness and response, as well as to promote exchanges and collaboration between national agencies in technological advancement, disaster management and early warning service.

Contents

- i. Introduction to latest developments in storm surge and tsunami forecasting systems
- ii. Global storm surge forecast products and tsunami advisory products
- iii. Optimal design of tsunami observation network and use of tsunami observations in forecasting and early warning
- iv. Recent developments in model simulations of non-seismic tsunamis
- v. Tools for strengthening of coastal hazard risk governance
- vi. Use of Common Alerting Protocol (CAP) in local/regional warning dissemination and global sharing on WMO Severe Weather Information Centre 3.0
- vii. Sharing of experience among the participants
- viii. Hands-on session on model simulation of a storm surge case or a tsunami case upon selection by the participants

Lecturers

Storm surge and tsunami experts from international organization, meteorological services and institutions

Medium of instruction

English

Course local organizer

Hong Kong Observatory

Course dates

2 to 4 December 2026 (Wednesday – Friday)

Course venue

Tsim Sha Tsui, Hong Kong, China

Deadline for application

The completed nomination form should be returned to HKO:

Ms CHAN Yuk Hing, Joanne, Chief Experimental Officer, Hong Kong Observatory, Hong Kong, China (Email: yhchan@hko.gov.hk, Fax: (852) 2375 2645) by **1 October 2026**.

Places offered

In-person attendance: Approximately 25 participants. Preference will be given to qualified applicants from Regional Association II and V, particularly those from the South China Sea and Pacific regions.

Applicants who cannot be accommodated for in-person attendance will be offered the opportunity to participate online in the non-hands-on sessions of the workshop.

Qualification and requirements of participants

- Participants are required to be proficient in English
- Participants should have experience in storm surge and/or tsunami forecasting operations or product/service development
- Participants are expected to have a role in the development of storm surge or tsunami monitoring and/or forecasting tools in support of official forecast/warning service or related service delivery at present or in the future
- Participants are required to provide the course organizer with feedback on the workshop at the end of the course
- Participants are encouraged to actively maintain technical exchange and communication with the organizer and among themselves after the workshop

Course delivery for online participants

Online participants are expected to attend the workshop in real time via video conferencing. A reliable internet connection is therefore required to ensure smooth audio and video streaming.

Please note that online participants will not be able to take part in the hands-on practical sessions, which are reserved for in-person attendees.

Financial support

- Tuition fees will be covered. Hotel accommodation and per diem expenses will be covered upon request.
- The costs of air passage and related insurance costs between Hong Kong, China and the hometown of participants will have to be borne by the Member of the participant. In the event any Member is unable to meet the air passage costs, the course organizer 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 course organizer provides the air passages. Participants are therefore fully responsible for arranging life, health, and other forms of insurance as appropriate and necessary.

Enquiries

Ms CHAN Yuk Hing, Joanne,

Chief Experimental Officer, Hong Kong Observatory, Hong Kong, China.

E-mail: yhchan@hko.gov.hk, Fax: (852) 2375 2645, Tel: (852) 2926 8259.

WORLD METEOROLOGICAL ORGANIZATION

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PARTICIPANTS NOMINATION FORM

**WMO VOLUNTARY COOPERATION PROGRAMME AND INTERGOVERNMENTAL
OCEANOGRAPHIC COMMISSION INTERGOVERNMENTAL COORDINATION GROUP FOR
THE PACIFIC TSUNAMI WARNING AND MITIGATION SYSTEM**

WORKSHOP ON STORM SURGE AND TSUNAMI FORECASTING AND ALERT SERVICES

(Hong Kong, China, 2–4 December 2026)

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: _____

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. (a) Financial assistance for hotel accommodation and per diem allowance required:

Yes ☐

No ☐

- (b) Financial assistance for air passage required:

Yes ☐

No ☐

- (c) Willingness to participate online if physical attendance could not be accommodated:

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, and also the duration of air passage if provided.

Permanent Representative : _____ (Signature)

(Block letters)

Date:

To be completed and sent to reach the following address **as soon as possible, and no later than 1 October 2026.** Acceptance of nominations will be confirmed by the host **by late October 2026.**

Director of the Hong Kong Observatory
(Attn: Ms CHAN Yuk Hing, Joanne, Chief Experimental Officer)
134A, Nathan Road
Hong Kong, China
Tel: +852 2926 8259 Fax: +852 2375 2645
E-mail: yhchan@hko.gov.hk

**WMO VCP and IOC ICG/PTWS Workshop on Storm Surge and Tsunami Forecasting and Alert Services
Hong Kong Observatory (HKO), 2–4 December 2026**

Tentative Programme

HKT	2 December (Wed)	3 December (Thu)	4 December (Fri)
09:15 – 10:30	Opening and Group Photo Tour to HKO's meteorological facilities	HKO's Operational Storm Surge Forecast and Alert Service	Recent Development in Numerical Simulations of Tsunamis Generated by Volcanoes and Submarine Landslides
10:45 – 11:15		Experience Sharing	Experience Sharing
11:15 – 12:30	Latest Development in Tsunami Forecasting and Advisory Service	Optimal Design of Tsunami Observation network for Near-Field Tsunami Early Warnings	Use of Common Alerting Protocol (CAP) in Warning Dissemination and Overview of WMO Severe Weather Information Centre 3.0
12:30 – 14:00	Lunch		
14:00 – 14:30	Experience Sharing	Experience Sharing	Experience Sharing
14:30 – 15:45	WMO Storm Surge Watch Scheme (SSWS) and Latest Development in Storm Surge Forecasting	Tsunami Source Inversion and Data Assimilation for Tsunami Forecasting and Early Warning	Hands-on session: i. Storm surge simulations of Super Typhoon Ragasa in 2025 using COMCOT; or ii. Numerical simulations of tsunamis generated by Tonga Volcanic Eruption in 2022 using COMCOT
16:00 – 17:15	Global Storm Surge and Tsunami Forecasting System in China	Strengthening Coastal Hazard Risk Governance through Inundation Mapping and Multi-Hazard Evacuation Planning	Concluding Remarks Closing and Presentation of Certificates