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2026年5月18日

附件: 2 (仅以英文提供)

主题: WMO 第十一届热带气旋国际研习班(2026年11月16-20日, 中国上海)报告员
要求采取的行动: 如对贵部门入选专家担任报告员一事有异议, 请于**2026年5月31日**前通知秘书处

尊敬的先生/女士,

第十一届热带气旋国际研习班 (IWTC-11) 将于 2026 年 11 月 16 至 20 日在中国上海举行。该研习班由 WMO 世界天气研究计划 (WWRP) 和热带气旋计划 (TCP) 组织。将主要以到场形式举行, 并可以混合形式参会。

IWTC-11 旨在为研究人员和预报人员搭台, 以交流关于热带气旋的当前知识和新兴研究, 加强研究与业务合作, 提出可行建议, 以应对关键差距和机遇, 最终为建设一个更具韧性的社会做贡献。

研习班分为五个主题, 每个主题由两到三个联合组长牵头 (附件 I)。为筹备此次研习班, 主题联合组长们建议邀请附件 II 所列的贵部门专家担任这五个主题下特定子主题的报告员。报告员的预期作用如下:

- 与主题联合组长协商, 为指定的子主题建立工作组
- 协调工作组成员的贡献
- 在主题联合组长指导下, 编写摘要报告
- 在 IWTC-11 会议期间提交分主题报告概述

为此, 谨此征求您确认贵方专家能否担任这一职务。如您对贵部门入选专家 (附件 II) 担任报告员有异议, 请于**2026年5月31日**前通知 WMO 秘书处 (acfontan@wmo.int、avazcaltabiano@wmo.int、ymochizuki@wmo.int)。

请注意, 本函并不代表承诺对到场出席 IWTC-11 提供资助。2026 年年中前敲定计划和后勤安排后, 我们将发出正式邀请。

最后, 衷心感谢您对 WMO 活动和计划的一贯支持。

谨上

寇·巴雷特女士
代秘书长

致: WMO 澳大利亚、中国、德国、中国香港、印度、牙买加、日本、马达加斯加、菲律宾、所罗门群岛、大不列颠及北爱尔兰联合王国、美国和越南常驻代表 (有限分发)

IWTC-11 TOPICS

Topic 1 New technologies for TC observation and analyses

Topic co-Leads: Robert Rogers, Craig Earl-spurr

Sub-topics:

- a) Emerging satellite sensors
- b) Opportunities from airborne, seaborne, and ground-based observations
- c) Observation-based analysis techniques

Topic 2 New technologies for TC research and prediction

Topic co-Leads: Lili Lei, Philippe Papin

Sub-topics:

- a) Advancements in Physics Based Numerical Modeling
- b) Advancements in Artificial Intelligence / Machine Learning based Modeling
- c) New Data Assimilation Techniques
- d) New Techniques in Understanding Predictability

Topic 3 Research to operations: TC genesis, track, intensity, and structure

Topic co-Leads: Kimberly Wood, Monica Sharma, Juliane Schwendike

Sub-topics:

- a) External factors
- b) TC dynamics
- c) Understanding and predicting rapid changes in TC behavior

Topic 4 TC variability beyond the synoptic scale

Topic co-Leads: Phil Klotzbach, Leroux Marie-Dominique

Sub-topics:

- a) Sub-seasonal tropical cyclone research and prediction
- b) Seasonal to multiannual tropical cyclone research and prediction
- c) Observed tropical cyclone trends, variability and future projections

Topic 5 TC hazards and impacts, including probabilistic communication

Topic co-Leads: Choy Chun-wing, Dorival Alvaro Mutereda, Hongyan Zhu

Sub-topics:

- a) Wind (sustained wind and gust) and tornadoes
 - b) Rainfall and flooding
 - c) Storm surge and coastal inundation
 - d) Lessons and good practices of working with DRR and other agencies
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LIST OF RECOMMENDED EXPERTS TO SERVE AS A RAPPORTEUR

Topic *	Sub-topic	Names	Institution	Country
1	a	Derrick Herndon	Cooperative Institute for Meteorological Satellite Studies (CIMSS)	USA
		Steph Bond	Bureau of Meteorology (BOM)	Australia
	b	Jun Zhang	University of Miami	USA
		John Chong	Hong Kong Observatory (HKO)	Hong Kong China
	c	Arthur Avenas	European Space Agency	-
		Rob Gile	Philippine Atmospheric, Geophysical and Astronomical Services Administration	Philippines
2	a	Falko Judt	National Center for Atmospheric Research	USA
		Andrew Hazelton	University of Miami	USA
		Xuejin Zhang	Hurricane Research Division/ National Oceanic and Atmospheric Administration (NOAA)	USA
	b	Michael Fischer	University of Miami	USA
		Ferran Alet	Google DeepMind	-
		Wallace Hogsett	National Hurricane Center/ NOAA	USA
	c	Masashi Minamide	University of Tokyo	Japan
		Jan Keller	Deutscher Wetterdienst	Germany
	d	Jie Feng	Fudan University	China
	3	a	Kosuke Ito	Kyoto University
Eddie Maru			Solomon Islands Met Services	Solomon Islands
Rob Hart			Florida State University	USA
b		Thu Hang Nguyen	Vietnam Meteorological and Hydrological Administration	Viet Nam
		Anumeha Dube	India Meteorological Department (IMD)	India
		Kelly Núñez Ocasio	Texas A&M University	USA
c		Donglei Shi	China University of Geosciences	China
		Rivo Randrianarison	Direction Générale de la Météorologie	Madagascar
4	a	Jo Camp	Expert	-
		Lindsey Long	NOAA	USA
	b	Ruifen Zhan	Fudan University	China
		Jhordanne Jones	University of West Indies	Jamaica
	c	Savin Chand	Federation University, Victoria	Australia
		Christina Patricola-DiRosario	Iowa State University	USA
		Benjamin Schenkel	NOAA	USA
5	a	Monica Sharma	IMD	India
		Owen Shieh	NOAA	USA
	b	Helen Titley	Met Office	UK
		Jun Smith	BOM	Australia
		Nadao Kohno	Japan Meteorological Agency	Japan
	c	Cody Fritz	NOAA	USA
		James Thompson	BOM	Australia
	d	Choy Chun-wing	HKO	Hong Kong China
		David Grant	BOM	Australia

* The details of the topics and sub-topics are provided in Annex I.