

**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.: 29331/2021-L6 S/DPS

Our ref.: 29331/2021/S/DPS/TCP/RAIV-Hurricane-Workshop

20 December 2021

Annexes: 2 (available in English only)

Subject: RA IV Workshop on Hurricane Forecasting and Warning, online,
28 February – 4 March 2022Action required: To nominate expert(s) and submit completed Nomination Form(s) to the
WMO Secretariat on or before **18 January 2022**

Dear Sir/Madam,

As you are aware, the Government of the United States of America usually hosts the annual RA IV Workshop on Hurricane Forecasting and Warning at the Regional Specialized Meteorological Centre – Hurricane Centre (RSMC-HC) of the National Oceanic and Atmospheric Administration/National Weather Service (NOAA/NWS) in Miami, Florida.

Due to the pandemic situation, the workshop for 2020 was cancelled, and the workshop for 2021 was conducted online.

The workshop for 2022 will be also held online, from 28 February to 4 March 2022, in English only. Please find attached herewith an outline of the draft agenda ([Annex 1](#)). I wish to commend the efforts of the Government of the United States and RSMC Miami in organizing the workshop for this year under the lasting challenging situation.

The workshop will provide training for forecasters in their efforts to improve operational tropical cyclone forecasting and warning and help participants to understand and communicate better with the stakeholders engaged in the emergency decision-making process.

I am pleased, therefore, to invite you to nominate up to two experts on operational tropical cyclone forecasting and warning from your service to participate in this workshop. To ensure the effectiveness and positive impacts of the workshop on the work of your service, it is strongly recommended that the nominated expert be a forecaster who is currently engaged in tropical cyclone and associated weather forecasting and has a direct link to the operational tasks of your service.

I should be grateful if the completed Nomination Form ([Annex 2](#)) could be returned to the WMO Secretariat on or before **18 January 2022**.

Yours faithfully,

Dr Elena Manaenkova
for the Secretary-General

To: Permanent Representatives of Members of the Hurricane Committee, Brazil, Portugal, Spain,
Republic of Korea with WMO (limited distribution)cc: Mr Evan Thompson, President RA IV, Kingston, Jamaica
Mr Kenneth Graham, Chair of RA IV Hurricane Committee, Miami
Dr R. Pasch, Senior Hurricane Specialist, National Hurricane Centre, Miami

2022 WMO RA IV VIRTUAL WORKSHOP ON HURRICANE FORECASTING AND WARNING

Draft Agenda

Online, 28 February – 4 March 2022

Sessions: 1400–1700 UTC and 1800–2100 UTC

Lunch Break 1700–1800 UTC

Platform: Google Meet Participants: 60

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Monday, February 28 Hurricane and Tropical Meteorology Science Lectures

Welcome and Introduction, Virtual Tour of NHC
Guest Lectures: Large-Scale Circulation, Aircraft Observations, Science Tutorial

Tuesday, March 1 TC Position, Intensity, and Size Estimation from Satellites and Aircraft

Interpretation of Microwave Satellite Imagery
Use of Scatterometer Data
Reconnaissance Aircraft Data Analysis
Dvorak Technique (afternoon session)

Wednesday, March 2 TC Analysis and Forecasting

TC Modelling & Data Assimilation
TC Genesis Forecasting
TC Track Forecasting
TC Intensity Forecasting

Thursday, March 3 Tropical Cyclone Hazards and Forecast Exercise

Storm Surge
Rainfall forecasting
Wind Speed Probabilities
TC Forecast Exercise

Friday, March 4 Impact and Risk Communication

(morning session only)

Communicating Probabilities and Risk
Briefing Emergency Management
Effective Messaging: Changing the outcome of the event

RA IV WORKSHOP ON HURRICANE FORECASTING AND WARNING

Online, 28 February-4 March 2022

NOMINATION FORM

Ref.: 29331/2021-L6 S/DPS

The Government of nominates the following candidate as a participant on the above training workshop:

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Family Name Mr/Ms/Dr

First Name

City – Country

Telephone Office + Home +

Email

Date of Birth

Qualifications (certificates, diplomas or degrees):

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Training in the field of meteorology (other than as noted in above):

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Present position and brief description of current duties
 (please include public weather services functions, if any):

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Brief description of past relevant professional/operational experience

(please include experience in aspects of public weather services
(e.g. media work, working with disaster management, public outreach and education, etc.)
if any and/or relevant planned future work/activities):

.....
.....
.....

Date

Signature of Permanent Representative

To be sent by email, at the latest by **18 January 2022** to:

Ms Anne-Claire Fontan (acfontan@wmo.int)
Copy: Ms Xiao Zhou (xzhou@wmo.int)
