



## 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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Our ref.: 01213/2021/S/DPS/TCP/RAIV-Workshop-Miami

28 January 2021

Annexes: 2 (available in English only)

Subject: RA IV Workshop on Hurricane Forecasting and Warning  
 Online, 26-30 April 2021

Action required: To nominate expert(s) and submit completed Nomination Form(s) to  
 WMO Secretariat on or before **26 February 2021**

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 Center (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.

The workshop for this year will be held online from 26 to 30 April 2021, in English only. Please find attached herewith an outline of the draft agenda ([Annex I](#)). 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 current challenging situation.

The workshop will provide training for hurricane forecasters from the region, assist RA IV Members in their effort 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, therefore, pleased to invite you to nominate, not more than two experts, on operational hurricane 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 nominated expert(s) be forecaster(s) currently engaged in hurricane and associated weather forecasting and has/have a direct link to the operational tasks of your Service.

I should be grateful if the Nomination Form ([Annex II](#)) could be completed and returned to the WMO Secretariat on or before **26 February 2021**.

Yours faithfully,

Dr Elena Manaenkova  
 for the Secretary-General

To: Permanent Representatives of Members of the Hurricane Committee, Cabo Verde, Portugal with  
 WMO (limited distribution)

cc: Mr Evan Thompson, President RA IV, Kingston, Jamaica  
 Mr Kenneth Graham, Chairperson of RA IV Hurricane Committee, Miami  
 Dr R. Pasch, Senior Hurricane Specialist, National Hurricane Center, Miami

**2021 WMO RA IV Virtual Workshop  
on Hurricane Forecasting and Warning**

**DRAFT AGENDA**

**Online, April 26-30 2021**

Sessions: 1400-1700 UTC and 1800-2100 UTC  
(10 a.m.-1 p.m. and 2 p.m.-5 p.m. EDT)

Lunch Break 1700-1800 UTC (1-2 p.m. EDT)

Platform: Google Meet      Participants: 50-60

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**Monday, April 26 - Hurricane & Tropical Meteorology Science Lectures**

Welcome and Introduction, Virtual Tour of the National Hurricane Centre (NHC)  
Guest Lectures : Large-Scale Circulation, Aircraft Observations, Science Tutorial

**Tuesday, April 27 - 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, April 28 - TC Analysis and Forecasting**

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

**Thursday, April 29 - Tropical Cyclone Hazards and Forecast Exercise**

Storm Surge  
Rainfall forecasting  
Wind Speed Probabilities  
TC Forecast Exercise

**Friday, April 30 (Morning Session Only) - Impact and Risk Communication**

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

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**RA IV WORKSHOP ON HURRICANE FORECASTING AND WARNING****Online, April 26-30 2021****NOMINATION FORM**

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

<b>Family Name</b>			Mr / Ms / Dr
<b>First Name</b>			
<b>City – Country</b>			
<b>Telephone</b>	Office +	Home +	
<b>Email</b>			
<b>Date of Birth</b>			

**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):

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Date

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Signature of Permanent Representative

To be completed by mail, at the latest by **26 February 2021** to:

Ms Anne-Claire Fontan ([acfontan@wmo.int](mailto:acfontan@wmo.int)) and cc: Ms Xiao Zhou ([xzhou@wmo.int](mailto:xzhou@wmo.int))

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