



**NOAA/WMO RA IV Workshop: An Interactive Analysis of Tropical Storm Philippe
Virtual in English**

Hosted by the Caribbean Institute for Meteorology & Hydrology (CIMH)

AGENDA June 4-7, 2024

This workshop will provide an interactive analysis of Tropical Storm Philippe through the use of satellite data and products, models, forecasts, and reports which were used to identify, track, predict, and warn about the multi-hazard impacts of the storm, successes, challenges, and future improvements. The outcome of this workshop is to increase operational forecaster competencies during severe weather development.

Time Zones: AST (UTC-4) and EDT (UTC-4)

Emcees: Steve Superczynski (NOAA/NESDIS/OSPO) and Bonnie Acosta (Axiom for NOAA/NWS/WOPC)

Barbados Time (AST) 1300 UTC=9AM EDT	Day 1 Tuesday 4 June 2024	Day 2 Wednesday 5 June 2024	Day 3 Thursday 6 June 2024	½ Day 4 Friday 7 June 2024
900-915 AST 15 minutes	Host Welcome <i>David Farrell (CIMH)</i>	Regional Focus Group <i>José Gálvez (Axiom/NOAA)</i> <i>Bernie Connell (CIRA)</i>	NOAA's Tropical Products and Services <i>Stephen Superczynski (NOAA)</i>	Interactive Real-Time Weather Briefing <i>José Gálvez and Bonnie Acosta (Axiom/NOAA)</i> <i>Simon Craig (MDS)</i>
915-930 AST 15 minutes	WMO's Regional Overview Linking Sciences to Services <i>Rodney Martínez Güingla (WMO RA-IV)</i>	Interactive Real-Time Weather Briefing <i>José Gálvez and Bonnie Acosta (Axiom/NOAA)</i>	Interactive Real-Time Weather Briefing	
930-945 AST 15 minutes	WMO Satellite Data Requirements Group <i>Marcial Garbanzo (UCR) and Diego Souza (INPE)</i>	Broadcasters Experience Panel Moderator - Lenard Josiah (ABMS) 1 - Mr Kalain Hosein (CNC3 News Trinidad and Tobago) 2 - Mr. Ean Wallace (Trinidad and Tobago Meteorological Service)	Water Hazards Panel Moderator - Shamal Clarke (CINWS) 1 - Aurélien Hénon (Météo-France) 2 - Dr. David Farrell (CIMH) 3 - Teddy Allen (CIMH) 4 - Shawn Boyce (CIMH)	Training Resources for the Use of Satellite Information <i>CoastWatch (Michael Soracco)</i> <i>COMET (Amy Stevermer/Lee-ann Simpson)</i> <i>Satellite Book Club (Kashaud Bowman)</i> <i>WMO-Satellite Data Requirements Group (Diego Souza/Marcial Garbanzo)</i> <i>Regional Focus Group (Bernie Connell/José Gálvez)</i>
945-1000 AST 15 minutes	Role of CMO <i>Arlene Laing (CMO)</i>			
1000-1015 AST 15 minutes	Interactive Real-Time Weather Briefing <i>Wayne McGeary (CIMH), José Gálvez (Axiom/NOAA)</i>	The Severe Weather Case Catalogue for the Caribbean <i>Chavez Pope (CMO/CIMH)</i>		

1000-1015 AST 15 minutes			15 min BREAK	
1030-1050 AST	20 min BREAK	20 min BREAK	GEONETCast Discussion <i>John Cornicelli (NOAA/NOAASIS)</i>	20 min BREAK
1050-1120 AST 40 minutes	Overview of TS Philippe <i>Kathy-Ann Caesar (CIMH), Chavez Pope (CMO/CIMH) and Philippe Papin (NHC)</i>	Impact-Based Warning Use and Hands-On Precipitation Forecasts <i>José Gálvez and Bonnie Acosta (Axiom/NOAA)</i>	Prediction Practice: Communicating the Forecast <i>Kathy-Ann Caesar and Team (CIMH)</i>	Prediction Practice: Monitoring Satellite Data - RGB Imagery <i>Lawrence Pologne, Wayne McGeary (CIMH)</i>
1120-1150 AST 20 minutes				
1150-1200 AST 10 minutes				
1200-1330 AST 90 minutes	1.5 hour LUNCH BREAK	1.5 hour LUNCH BREAK	1.5 hour LUNCH BREAK	Workshop Wrap Up
1330-1345 AST 15 minutes	Communicating Impacts and Uncertainty <i>Arlene Laing (CMO)</i>	Prediction Practice: Monitoring Satellite Data - GLM Exercise <i>Joseph Patton (CISESS) Steve Goodman (Thunderbolt Global Analytics)</i>	Mesoscale Domain Sector (MDS) Requests for GOES-East/West <i>Stephen Superczynski (NOAA)</i>	
1345-1400 AST 15 minutes				
1400-1415 AST 15 minutes	Ocean Observations Viewer and DOHRIS: A Case Study on Tropical Storm Philippe <i>Joaquin Trinanes, Sandra Bringas (AOML)</i>		Slope Failure in Anguilla <i>Shawn Boyce (CIMH)</i>	
1415-1430 AST 15 minutes				
1430-1445 AST 15 minutes	The Forecasters Experience Local Reports & Responses Lessons Learned (1) <i>Météo-France Martinique Charlotte Bretonnet</i>	Dewetra Platform <i>Platform specifically designed to use realtime, forecast socioeconomic data Shawn Boyce (CIMH)</i>	Satellite Applications for Aviation Hazards <i>Amanda Terborg (AWC) Crystol Caesar (TTMS)</i>	
1445-1500 AST 15 minutes	(2) <i>Barbados NMHS Office Brian Murray</i>		<i>Presentation on Moodle</i>	
1500-1530 AST 30 minutes	Tropical Cyclone Track Prediction <i>Richard J. Pasch (NHC) Presented by Lawrence Pologne (CIMH)</i>		ExtraNET French Platform <i>Pierre Candelon (Météo-France)</i>	

Institution Acronyms in order of appearance:

- (a) NOAA: National Oceanic and Atmospheric Administration
- (b) WMO: World Meteorological Organization
- (c) RA: Regional Association
- (d) CIMH: Caribbean Institute for Meteorology and Hydrology
- (e) NHC: NOAA's National Hurricane Center
- (f) AOML: NOAA's Atlantic Oceanographic and Meteorological Laboratory
- (g) ABMS: Antigua and Barbuda Meteorological Services
- (h) NESDIS: National Environmental Satellite, Data, and Information Service
- (i) OSPO: Office of Satellite and Product Operations
- (j) CINWS: Cayman Islands National Weather Service
- (k) NWS: National Weather Service
- (l) WOPC: Weather and Ocean Prediction Centers
- (m) UCR: Universidad de Costa Rica / University of Costa Rica
- (n) INPE: Instituto Nacional de Pesquisas Espaciais / National Institute for Space Research
- (o) CMO: Caribbean Meteorological Organization
- (p) NMHS: National Meteorological and Hydrological Services
- (q) CISESS: Cooperative Institute for Satellite Earth System Studies
- (r) ONAMET: Oficina Nacional de Meteorologia
- (s) NOAA-SIS: NOAA Satellite Information System
- (t) UMBC: University of Maryland Baltimore County
- (u) NASA: National Aeronautics and Space Administration
- (v) AWC: Aviation Weather Center
- (w) TTMS: Trinidad & Tobago Meteorological Service
- (x) MDS: Meteorological Department Sint Maarten