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Southeast & Caribbean Region

NOAA's 2017 Hurricane Season Awareness Webinars

NOAA's Southeast and Caribbean Regional Collaboration Team (SECART) was pleased to host a Hurricane Awareness webinar series in advance of the 2017 Atlantic Hurricane Season. The webinars are intended to improve the understanding of NOAA's hurricane-related products and services, so that, with our partners in the emergency management and broadcast communities, we can build a Weather Ready Nation.

The five-part series (see below) included topics such as tropical cyclone analysis and forecast improvements, tropical cyclone and storm surge forecasts and products, and inland flooding. Speakers included NOAA experts from the National Hurricane Center (NHC), the Atlantic Oceanographic and Meteorological Laboratory (AOML), the Weather Prediction Center (WPC), the Southeast River Forecast Center (SERFC), and National Weather Service (NWS) Weather Forecast Offices (WFOs). The fifth webinar in the series presented highlights of the other webinars and was presented in Spanish for our Spanish-speaking constituents.

Over 800 people registered for for the webinar series, and each of the first four webinars had over 200 attendees. While not as well attended, the Spanish-speaking version reached an important component of our constituents in this region. SECART has hosted hurricane awareness webinars for several years and plans to do so again next year."



Hurricane Matthew

Title: New NOAA Satellite Capabilities and Tropical Cyclone Research

Date: Thursday 4 May 2017, 10:00 – 11:00 AM EDT

Speakers: Dr. Mark DeMaria (Chief, Technology and Science Branch, National Hurricane Center) and Dr. Frank Marks (Director, Hurricane Research Division, AOML)

Summary: This webinar will discuss capabilities of the new GOES-16 satellite and research plans for the 2017 hurricane season. Mark DeMaria of the National Hurricane Center will show how the new satellite data is likely to improve tropical cyclone analysis and forecasting, and present example products and applications that were gathered during the GOES-R proving ground project. During the second part of the webinar, Frank Marks of the NOAA Hurricane Research Division will discuss research activities and plans for the 2017 hurricane season.

Presentation
Presentation

Webinar Recording: <https://coast.noaa.gov/gallery/videos/hurricaneaware/webinar1.html>

Title: Storm Surge Warnings and Graphics

Date: Tuesday 9 May 2017, 2:00 – 3:00 PM EDT

Speaker: Robbie Berg (Hurricane Specialist, National Hurricane Center)

Summary: Hurricane Specialist Robbie Berg of the National Hurricane Center will show how National Weather Service (NWS) storm surge forecasts are made. He will also describe and provide examples of new real-time storm surge products that are available during hurricane threats along the U.S. Gulf and Atlantic coastlines. Robbie will also talk about the new NWS Storm Surge Watch and Warning that will debut in the 2017 hurricane season.

Presentation

Webinar Recording: <https://coast.noaa.gov/gallery/videos/hurricaneaware/webinar2.html>

Title: NHC and Local NWS Offices Overview of New Products and Services

Date: Tuesday 23 May 2017, 2:00 – 3:00 PM EDT

Speakers: Dan Brown (Senior Hurricane Specialist, National Hurricane Center) and Matt Moreland (Meteorologist-In-Charge, NWS WFO, Key West, FL)

Summary: This webinar will discuss new NHC products and services that will be available during the 2017 hurricane season. These new products include a new National Weather Service Storm Surge Watch and Warning that will highlight areas at risk of life-threatening storm surge flooding during tropical cyclones and a new capability for the NWS to issue advisories and tropical storm and hurricane watches and warnings for systems not yet a tropical cyclone, but that pose an imminent threat to land. The webinar will conclude with a look at new local NWS Forecast Office tropical cyclone threats and impact graphics and hurricane local statements.

Presentation
Presentation

Webinar Recording: <https://coast.noaa.gov/gallery/videos/hurricaneaware/webinar3.html>

Title: Hurricane Inland Flooding – Risks and Warnings

Date: Tuesday 30 May 2017, 2:00 – 3:00 PM EDT

Speakers: Dr. David Novak (Director, Weather Prediction Center), Paula Cognitore (Hydrologist, NWS Southeast River Forecast Center), and Richard Bandy (Meteorologist-in-Charge NWS WFO Newport/Morehead City, NC)

Summary: This webinar will focus on one of the most deadly, but often overlooked threat from tropical storms and hurricanes – inland flooding from rainfall. Historically, the greatest loss of life from hurricanes has often been a result of flooding. This webinar will feature Dr. David Novak, from the Weather Prediction Center, which forecasts rainfall and associated hazards across the entire country. Paula Cognitore, a hydrologist with the National Weather Service Southeast River Forecast Center will discuss the forecast role of a river forecast center in providing forecasts of flooding during tropical systems, and Richard Bandy, Meteorologist-in-Charge of the NWS Weather Forecast Office in Newport/Morehead City, NC will discuss the role of a local office in issuing flash flood and river flood forecasts, with a discussion of experiences during Hurricane Matthew in 2016.

Presentation
Presentation

Webinar Recording: <https://coast.noaa.gov/gallery/videos/hurricaneaware/webinar4.html>

Título: Descripción general de los nuevos productos y servicios del Centro Nacional de Huracanes (NHC) y las Oficinas locales del Servicio Nacional de Meteorología (NWS), incluyendo aquellos asociados a la marejada ciclónica.

Fecha: Martes 6 Junio 2017, 2:00 – 3:00 PM (ET and AT)

Orador: Roberto Garcia, Meteorólogo encargado, Oficina de previsión del tiempo, San Juan, Puerto Rico

Sumario: En este seminario les mostraremos como el Servicio Nacional de Meteorología produce los pronósticos de marejada ciclónica. También describiremos y proveeremos ejemplos de los nuevos productos de marejada ciclónica a tiempo real que van a estar disponibles durante una amenaza de huracán a lo largo de la costa del Golfo y la costa Atlántica de los Estados Unidos. Hablaremos sobre las nuevas vigilancias y avisos de marejada ciclónica que debutaran en la temporada de huracanes del 2017. Discutiremos también otros productos y servicios nuevos del NHC que estarán disponibles en esta temporada de huracanes. Se hablara de la nueva capacidad del NWS de emitir advertencias, vigilancias y avisos de tormenta tropical y huracán para sistemas que aún no se han desarrollado en ciclón tropical, pero que poseen una amenaza inminente a tierra. Finalizaremos con una mirada a las nuevas graficas de impactos de un ciclón tropical y los comunicados de huracán producidos por las oficinas locales de pronósticos.

Presentation

Webinar Recording: <https://coast.noaa.gov/gallery/videos/hurricaneaware/webinar5.html>



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