



UNITED STATES COAST GUARD ACADEMY

Science Lecture Series

Marine Forecasting Products and Services from your National Weather Service: Helping the US Coast Guard to Keep Mariners Safe

Frank Nocera

Warning Coordination Meteorologist, Weather Forecast Office, NOAA

Dr. Michael Folmer

Warning Coordination Meteorologist, Ocean Prediction Center, NOAA

Dr. Christopher Landsea

Chief, Tropical Analysis and Forecast Branch, National Hurricane Center, NOAA

The US Coast Guard - by design - has no weather forecasters within its ranks. Instead, a national-level [Memorandum of Agreement between USCG and the National Weather Service](#) calls for NWS to be the providers of weather prediction information including decision support services to USCG. This presentation covers how NWS assists the USCG at the local, national, and international levels. Frank Nocera will lead us off with a description of local Weather Forecast Office products for the New England coastal waters. Michael Folmer will next discuss what the Ocean Prediction Center provides for the mid-latitude Offshore Zones and High Seas. Lastly, Christopher Landsea will provide an overview of what the National Hurricane Center's Tropical Analysis and Forecast Branch issues for the Gulf of Mexico (now "America"), Caribbean Sea, and tropical North Atlantic. All three presenters will focus on how the NWS is moving toward impact-based decision support services in order for core governmental partners - like USCG - best perform their life-saving mission.

Monday, January 27th, 2025

2000 -2100

Yeaton Hall 129, U.S. Coast Guard Academy

**If you have any questions regarding the event, please contact Dr. Kanani K. M. Lee
(kanani.km.lee@uscga.edu) for more information.**