



# Coastal and Ocean Modeling Coastal Ocean Modeling in Support of Marine Navigation and the Blue Economy

## *Welcome*

Shachak Pe'eri  
Coast Survey Development Lab Chief (OCS)

Julia Thomas  
Chair, Hydrographic Services Review Panel (HSRP)

September 28, 2023



National Oceanic and Atmospheric Administration

# Model development and operations is a collaborative effort across NOS

## Office of Coast Survey

- Development and Testing
- Compiling bathymetry and Mesh Development
- Operation, Maintenance and Routine Updates
- Product Development and Service Delivery

## Center for Operational Oceanographic Products and Services

- Operation, Maintenance and Routine Updates
- System monitoring and assessment
- Product Development and Service Delivery

## Integrated Ocean Observing System

- Coastal Ocean Modeling Testbed
- Community development and support

Portfolio  
Manager

## National Geodetic Survey

- Guidance for geodetic control
- Development of geospatial reference system
- Development and service of a geopotential model
- Publishing and serving VDatum that include Sea Surface Topography



# Session agenda

## (Times are US East Coast)

- **9:15 am** - Dr. Shachak Pe'eri (NOAA/NOS/NGS) and Dr. Julie Thomas (Chair, HSRP): ***“NOS Modeling Programs”***.
- **9:20 am** - Mr. Pat Burke (NOAA/NOS/CO-OPS) ***“Update on the Operational Forecast Systems”***.
- **9:35 am** - Dr. Greg Seroka and Dr. Saeed Moghimi: ***“NOAA/NOS/OCS Surge & Tide Operational Forecast System (STOFS)”***.
- **9:50 am** - Dr. Ayumi Fujisaki-Manome (Cooperative Institute for Great Lakes Research, University of Michigan): ***“UFS Coastal Applications Team”***.
- **10:05 am** - Dr. Shachak Peeri and Stephen White, (NOAA/NOS/NGS): ***“Geodetic control using circulation modeling”***
- **10:20 am** - Public comment period

