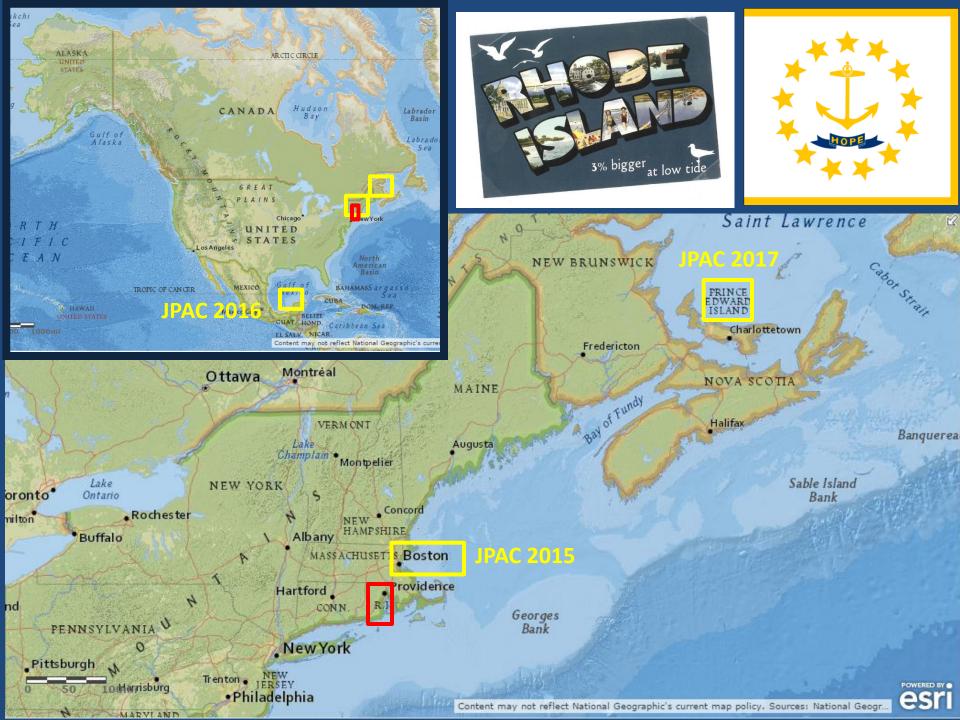


24<sup>th</sup> Regular Session of the CEC Council and Sessions of the Joint Public Advisory Committee (JPAC)

June 27, 2017, Charlottetown, Prince Edward Island, Canada

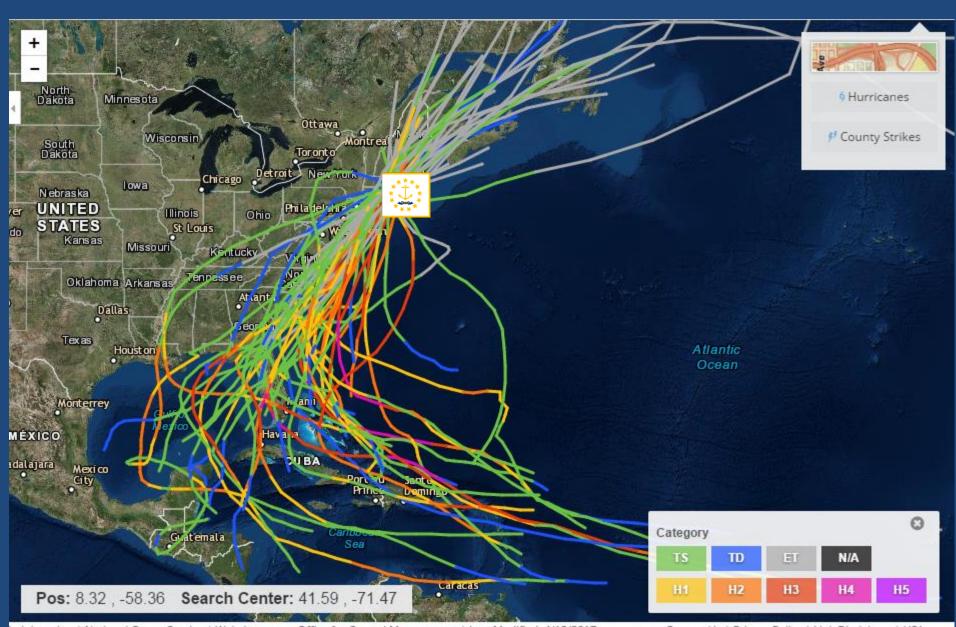








#### **Historical Hurricane Tracks**





COMMUNITY
SECURITY:
coastal assets at risk
of damage from
storm surge and
erosion

Historic water level markers and photo records of recent storms make it "real" and "relatable" for decision makers.

# COMMUNITY SECURITY:

Today's extreme high tide becomes tomorrow's daily tide?





# Drivers to Plan for Natural Hazards & Climate Change

- Public Health,Safety & Welfare
- Investment of Public Funds for Infrastructure
- State Mandate
- Impacts Felt at Local Level from Multiple Hazards



## **Building Tools in Partnership**















THE
UNIVERSITY
OF RHODE ISLAND
COLLEGE OF
THE ENVIRONMENT

AND LIFE SCIENCES







Commerce RI













































#### **STORMTOOLS**

#### **SLAMM**

### MyCoast



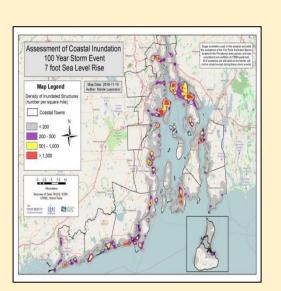


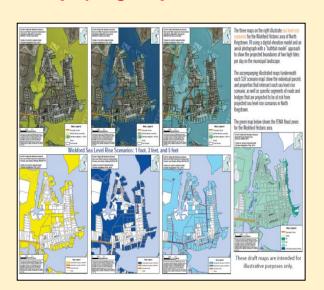


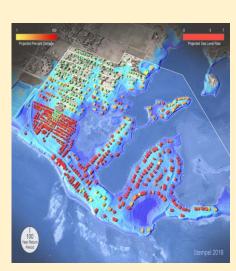
### e-911 Exposure

## Property Values (in progress)

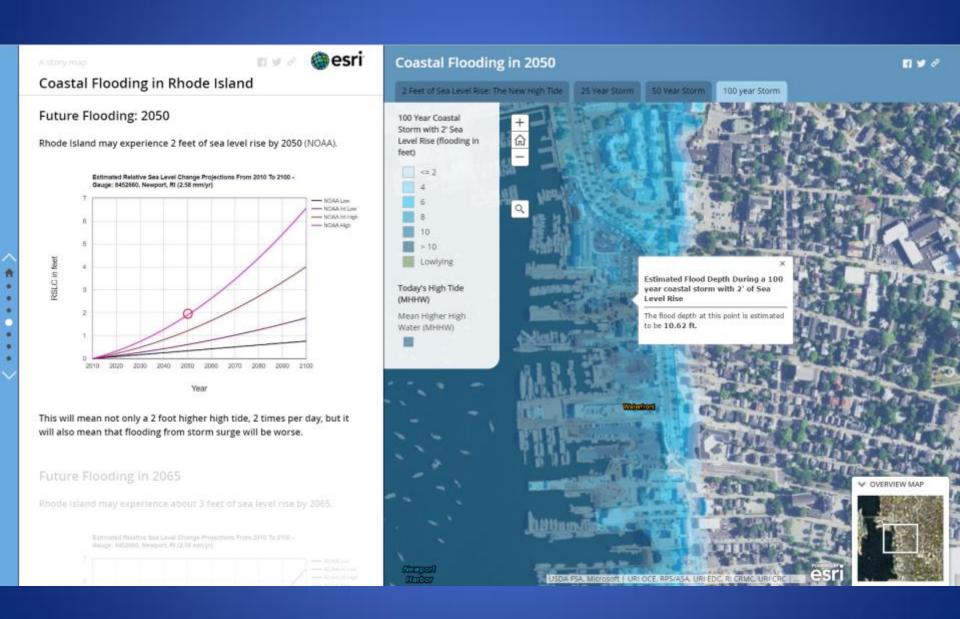
**CERI** (in progress)







## KNOW YOUR RISK: Online tools inform decision making

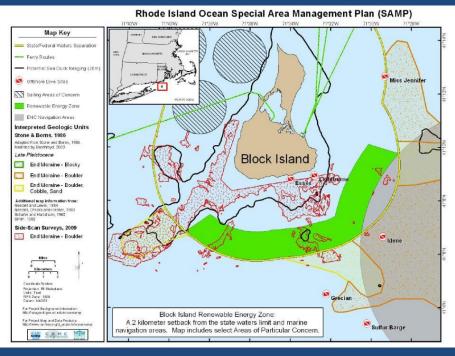


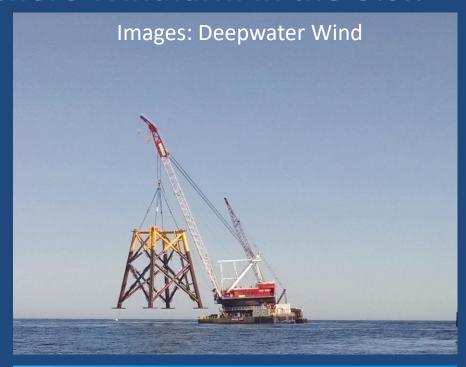
"Climate Change: adapt, mitigate, or suffer"

-Grover Fugate,
Rhode Island coastal
management
program director



### **ENERGY SECURITY: First Offshore Windfarm in the U.S.!**









## **ENERGY SECURITY: Block Island Demonstration Project**



## Collaboration = PERMITS



- 4 state agencies: CRMC, DEM, DOT, SHPO
- 7 federal agencies: BOEM, EPA, FAA, USFWS, NMFS, USACE, USCG
- 2 Indian tribes: Narragansett Tribe, Wampanoag Tribe
- 2 municipalities: Narragansett, New Shoreham (BI)

### The Opportunity **MASSACHUSETTS** RHODE ISLAND The Block Island Wind Farm is the first step to larger regional projects. Newport 18 miles to Deepwater ONE Aguinnah ( Martha's Vineyard **Block Island** 16 miles to Deepwater ONE ....... **Block Island** Wind Farm Montauk 30 miles to Deepwater ONE Long Island **Deepwater ONE**



FOOD SECURITY:
shellfish
management
planning
aquaculture

"Come Clam with Me"
classes
&
RI Shellfish
Management Plan

# FOOD SECURITY: Marketing and promoting abundant underutilized LOCAL species.





# FOOD SECURITY: International Collaborations, Food, People, Places



A woman sells fish in the Mangochi area of Malawi in March 2015. (credit: Elin Torell, CRC)







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