













# OCEARCH LAUNCHES SHARK RESEARCH EXPEDITION FROM NEW HOME AT MAYPORT









**■ NEWS** 

\* CULTURE

J MUSIC

**○ PODCASTS & SHOWS** 

NATIONAL

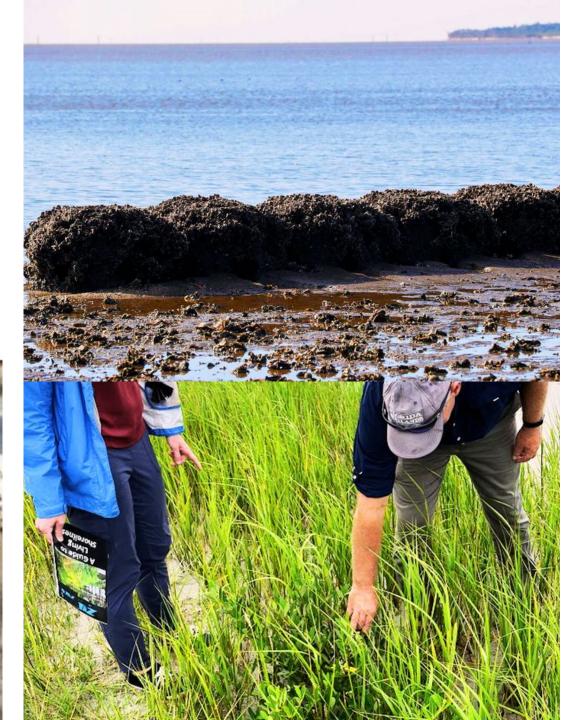
#### Hurricane Idalia shows nature may provide the best shoreline protection

FEBRUARY 15, 2024 - 5:00 AM ET

Maximum incident wave power and attenuation along G street kW/m

Direct comparison of the wave energy reduction of one living shoreline (left) and an adjacent seawall









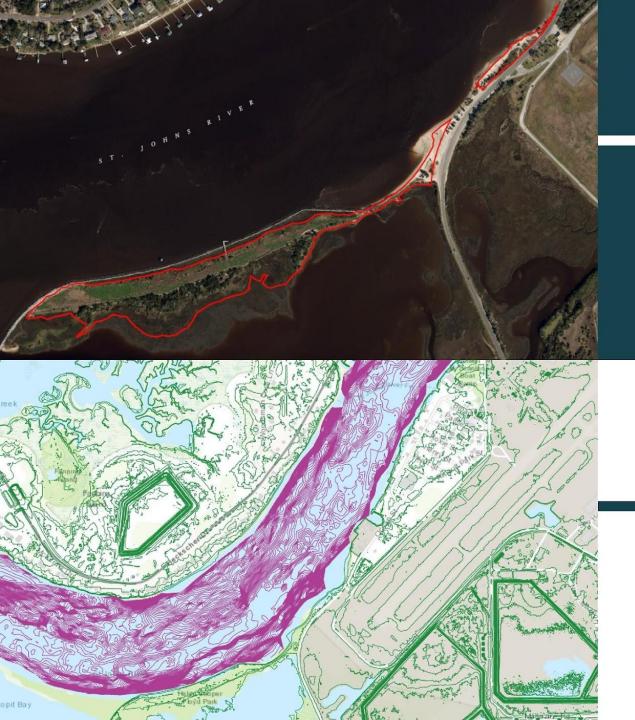
Grants will benefit 31 coastal states and U.S. territories, increase future resilience and support important fish and wildlife habitat

Florida manatees

#### Designing Shoreline Restoration to Protect Waterfront and Navy Base at Mayport (FL)







## **PROJECT STEPS**

Community engagement

Data and Model Development

Collaborative Design Development and Selection

Implementation Roadmap

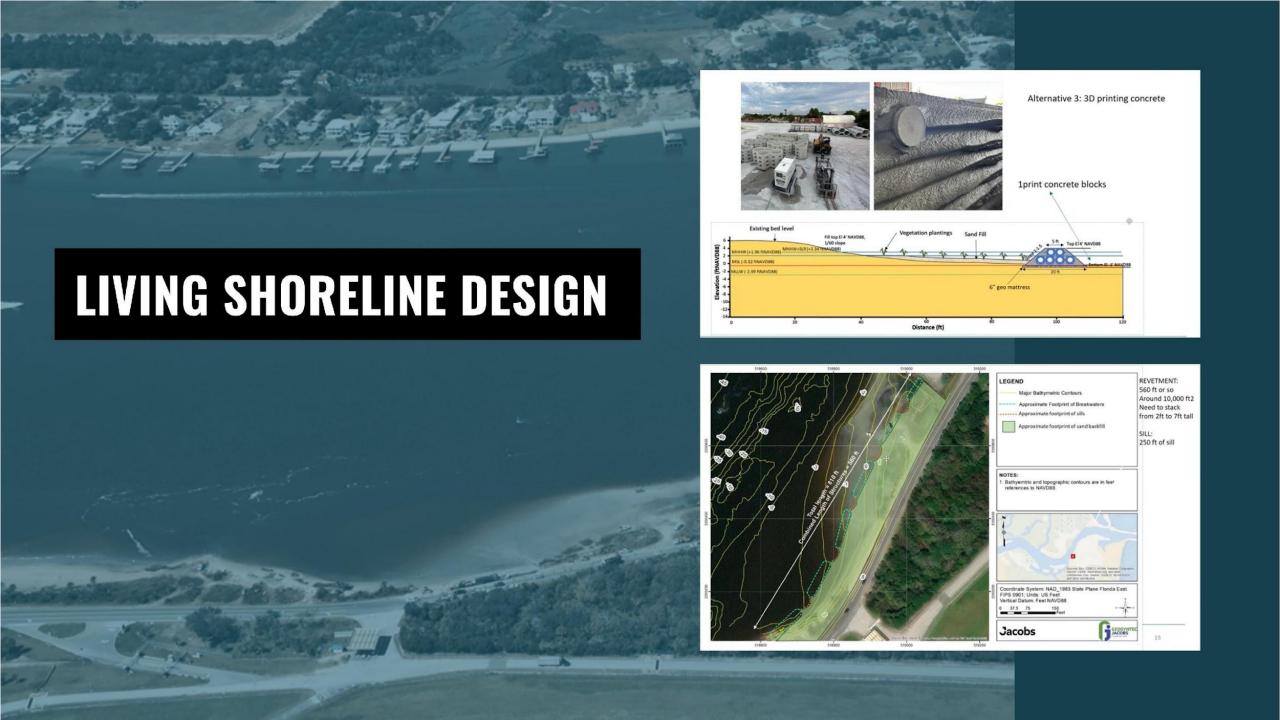
## **DESIGN CHALLENGES**

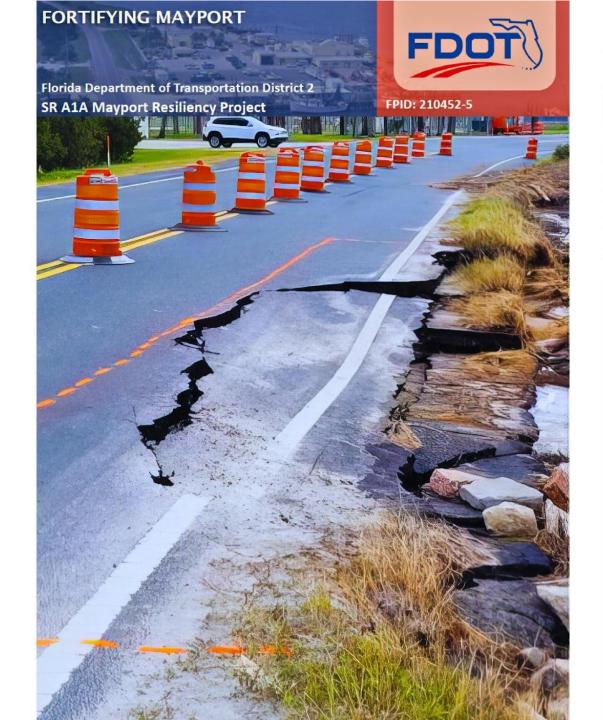
Public vehicle access exacerbating erosion

Limited design space

Strong, turbulent currents

Complex multi-project landscape, with different institutional leads







### PROJECT DETAILS

Application/Project Sponsor FDOT District 2

#### **Project Location**

From SR 116/Wonderwood Drive to the US Coast Guard Sector Jacksonville Duval County, Florida







## DEFENSE COMMUNITY RESILIENCE PROGRAM

The DCRP partners with military installations to provide technical assistance focused on increasing defense community resilience.

The partnership includes
UGA public service experts in Athens as well as
resilience professionals stationed in partner
defense communities.



