

Protecting South Amelia Island's Beaches

Briefing for the Board of County Commissioners

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Discussion topics

- **Project Purpose**
- **Historical perspective**
- **How do we maintain the beach?**
- **Project cycle**
- **Tasks and funding**
- **BOCC requests**

SAISSA's Purpose:

“To protect, preserve, restore, and enhance the beach and dune system on the south end of Amelia Island”

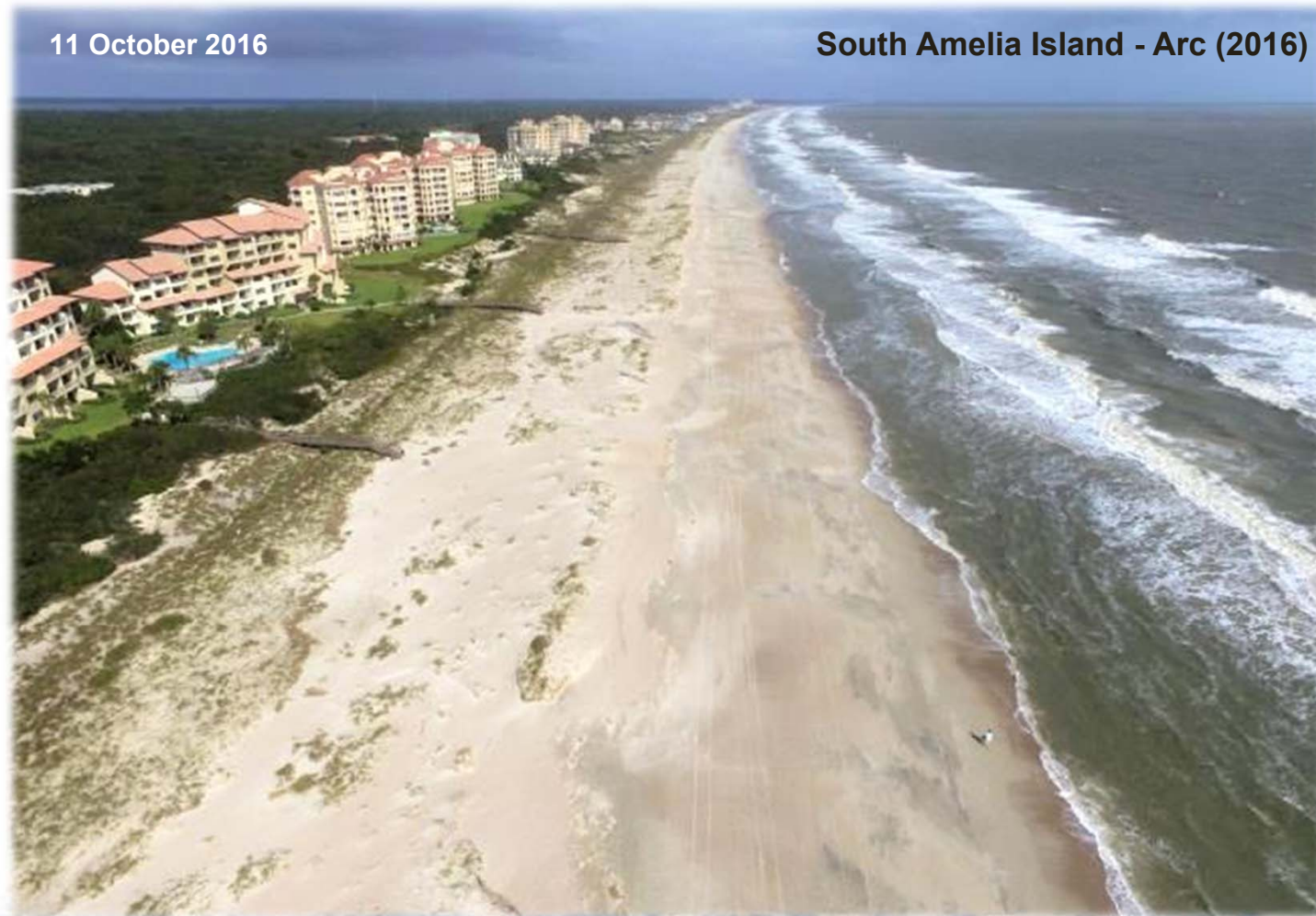
March 2016

Storm Protection – Hurricane Matthew



FDEP: “Upland development and property landward of restored beaches fared much better than where beaches were narrow or eroded.” (Clark, 2017 FSBPA Conference)

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Historical Perspective — 1984 Thanksgiving Day Storm

Windsong / Beach Walker



American Beach



The Retreat

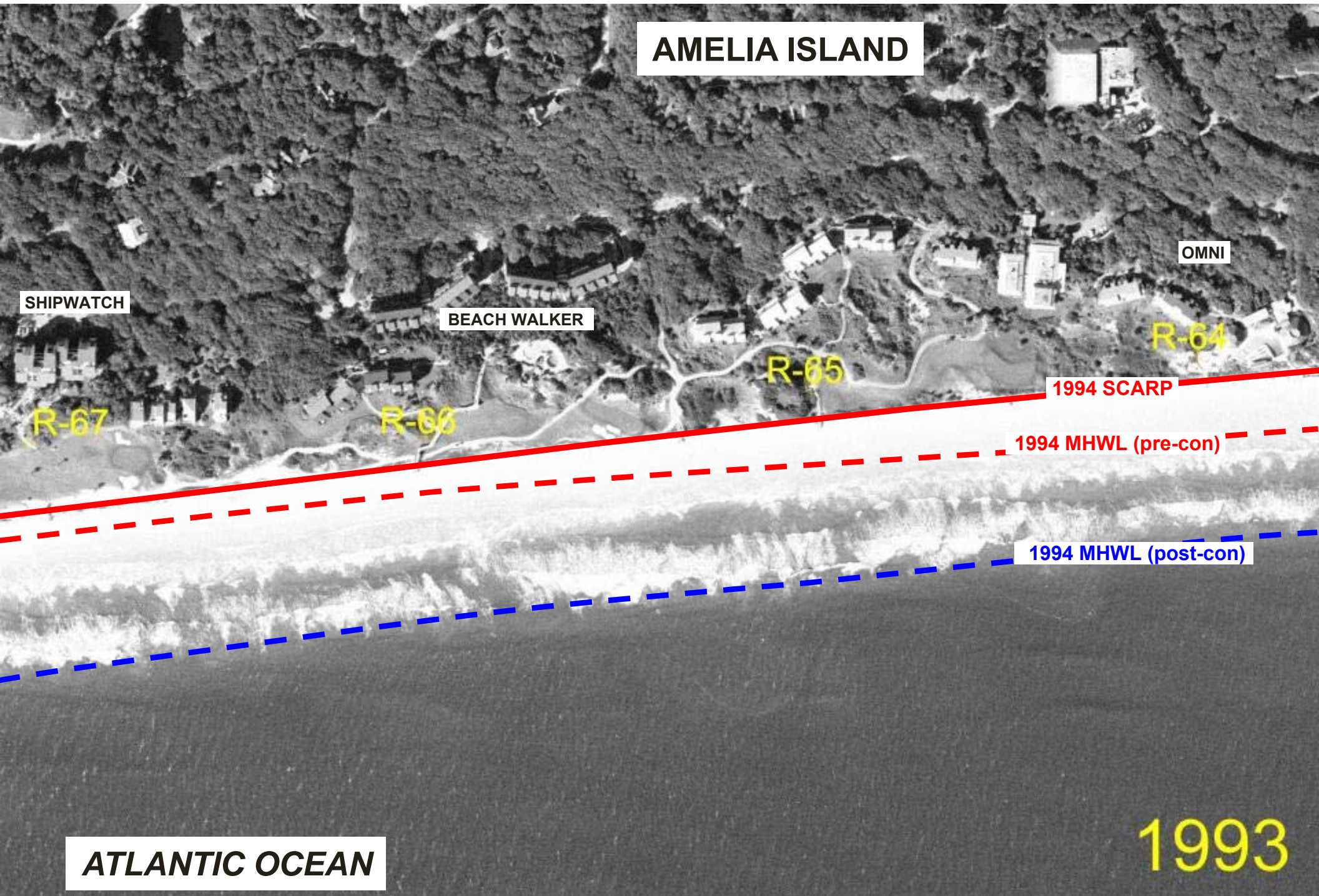


State Park



Historical Perspective – 1992/1993 Nor-easters





AMELIA ISLAND

SHIPWATCH

BEACH WALKER

OMNI

R-67

R-66

R-65

R-64

1994 SCARP

1994 MHWL (pre-con)

2017 MHWL

1994 MHWL (post-con)

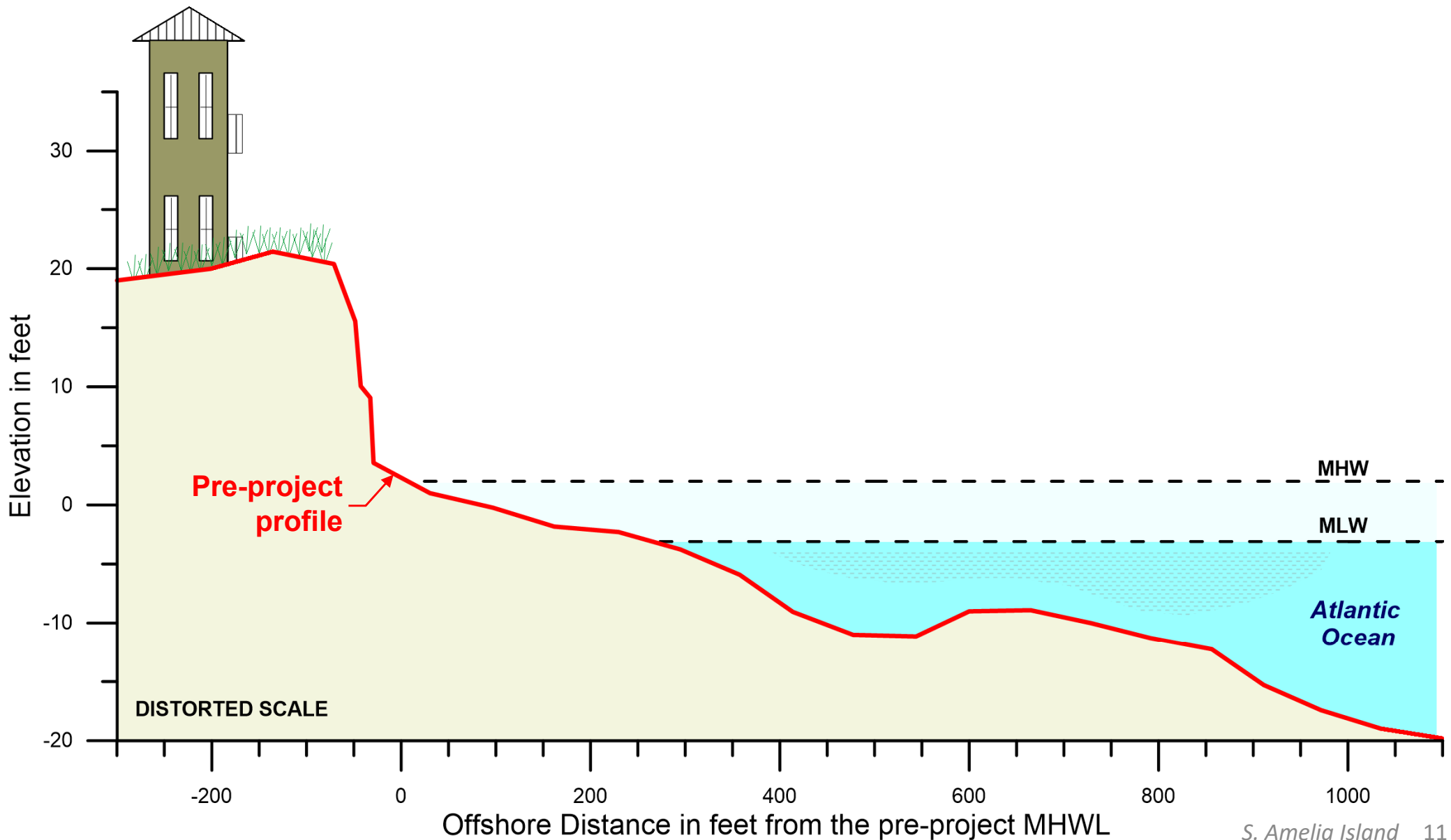
ATLANTIC OCEAN

2016

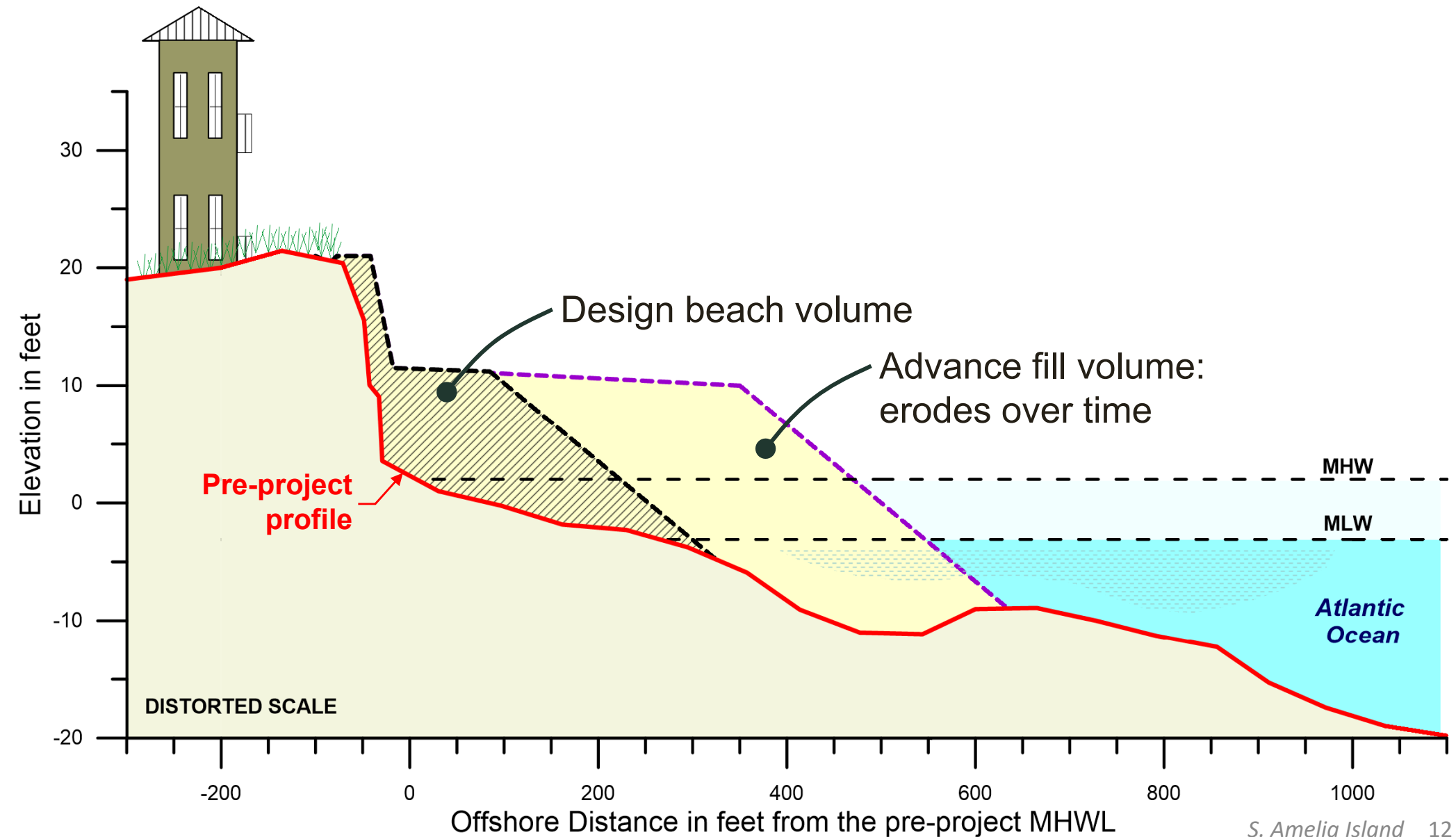
Beach Nourishment – 1994, 2002, and 2011



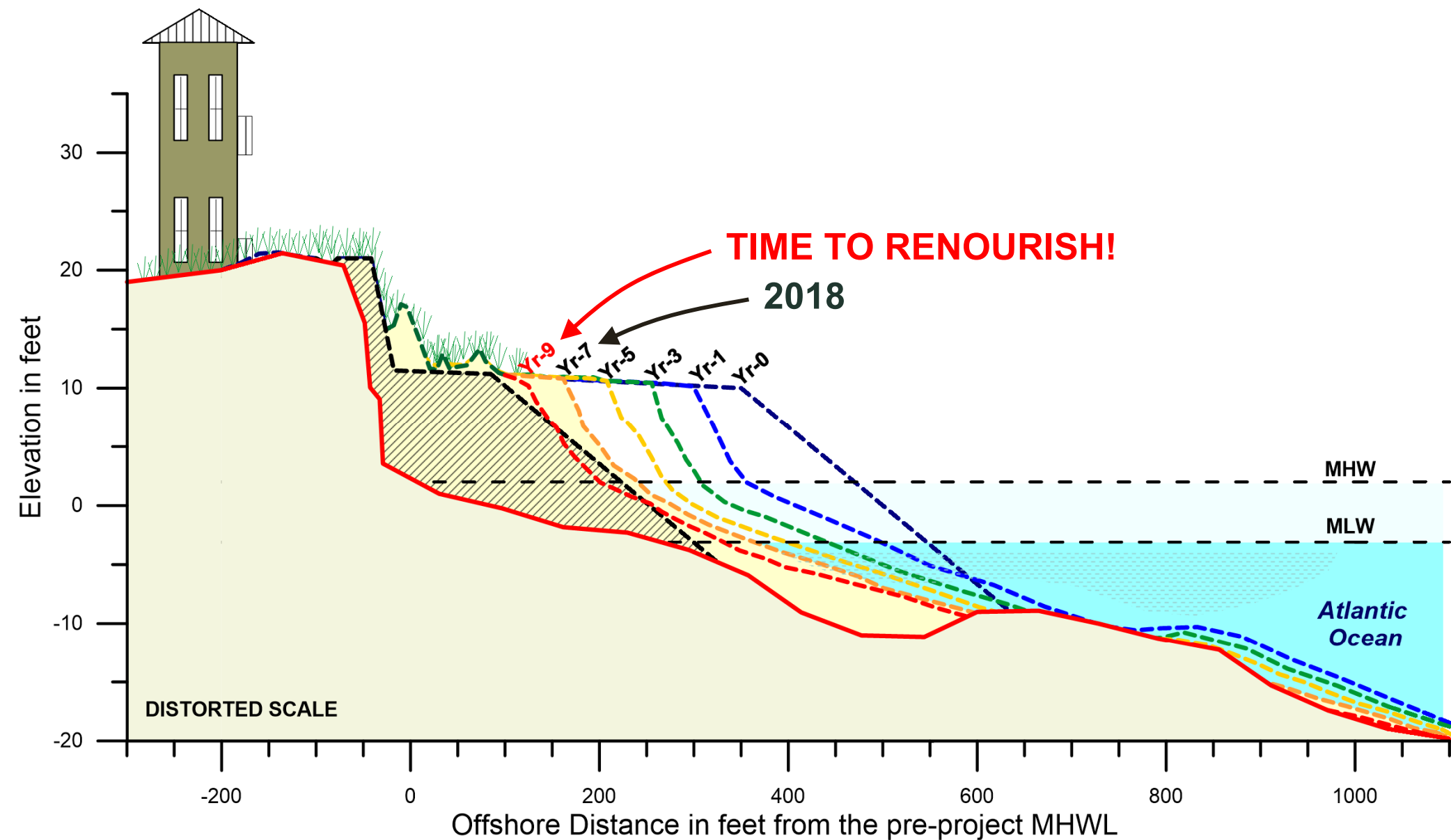
Beach Nourishment



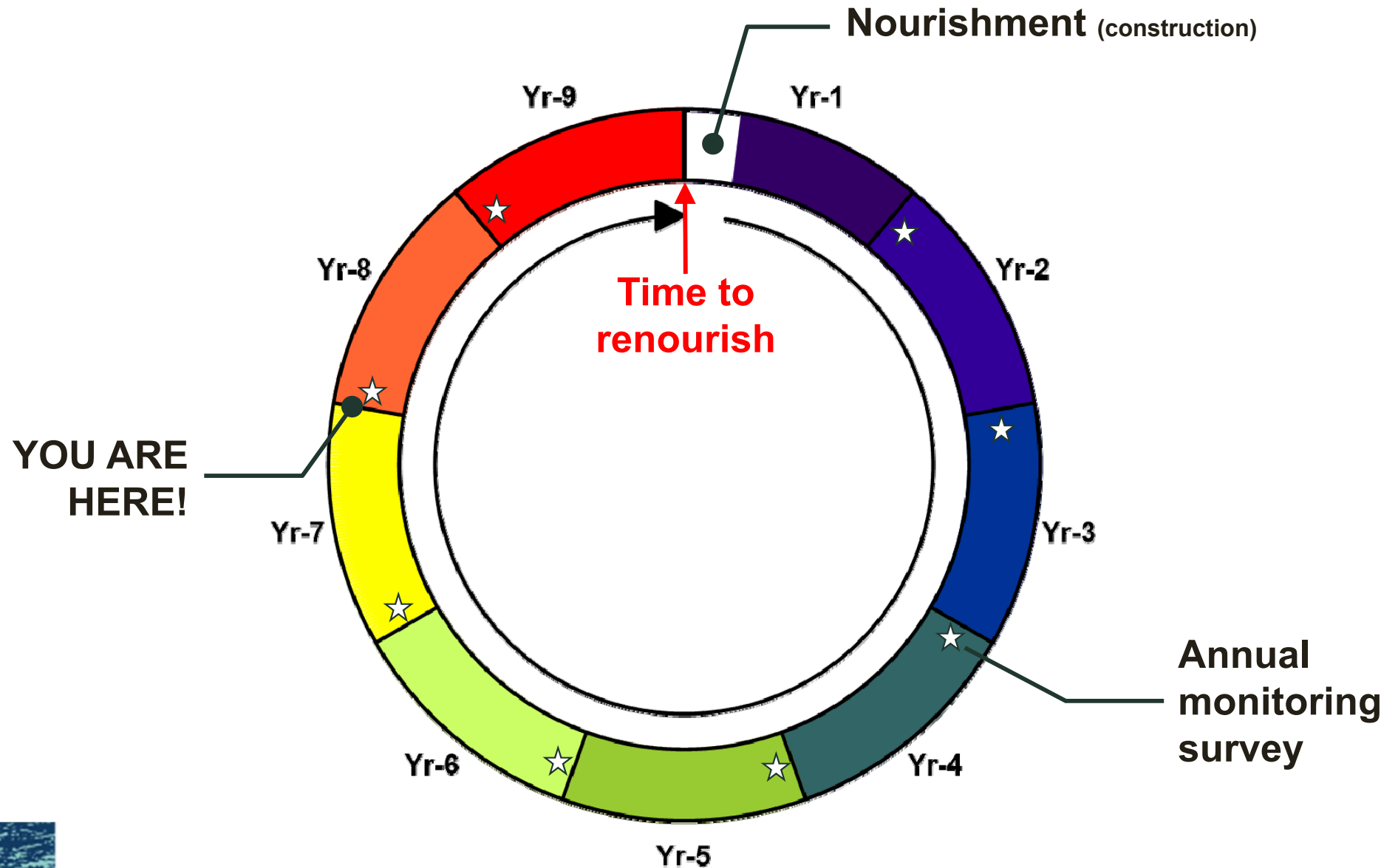
Beach Nourishment



Beach Nourishment



Beach Nourishment – Life Cycle (9-year example)



Current and Upcoming Tasks

- **Working with FEMA for hurricane claims**
 - FEMA will issue a credit for reimbursement
- **Continuing to monitor the project's performance**
- **Preparing for the next renourishment**
 - Sand Search & Design
 - Permitting
 - Project in 2020 at the earliest
 - Establishing FUNDING arrangements!

Funding

- **Opinion of Project Cost: \$21M**
 - **POTENTIAL FUNDING BREAKDOWN:**
 - **FEMA Post-Storm Cost-Sharing: \$3.1M**
 - **FDEP Beach Management Funding: \$7.7M**
 - **Local Government Funding Request (LGFR) for FDEP's FY '19-'20**
 - **SAISS-MSBU: \$10.2M**
- **Requests of BOCC, Acting as the Head of the SAISS-MSBU:**
 - **Approve the LGFR submittal to FDEP,**
 - **Approve the supporting LGFR resolution,**
 - **Authorize County Manager to sign LGFR submittal**

QUESTIONS?

March 2016

S. Amelia Island 17

FDEP Funding Requests – FY '19-'20 Timeline

- **August 1st, 2018:**
 - Local Government Funding Requests due for FY '19-'20 budget
- **Fall 2018:**
 - FDEP Assembles and Ranks all Requests for Legislature
- **Spring 2019:**
 - Legislature considers FDEP Rankings
- **July 1st, 2019**
 - Appropriated Funds Are Available
- **After July 1st, 2019**
 - FDEP executes agreements with local sponsors (e.g. 17NA1, etc.)
- **By December 31st, 2020**
 - All FY '19-'20 funds should be encumbered (18 months)