# THE IMPORTANCE OF COASTAL OUTREACH ON SHORE PROTECTION, NAVIGATION, AND RESILIENCY PROJECTS

Florida Shore and Beach Preservation Association February 7, 2020

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# WHAT IS PUBLIC OUTREACH?



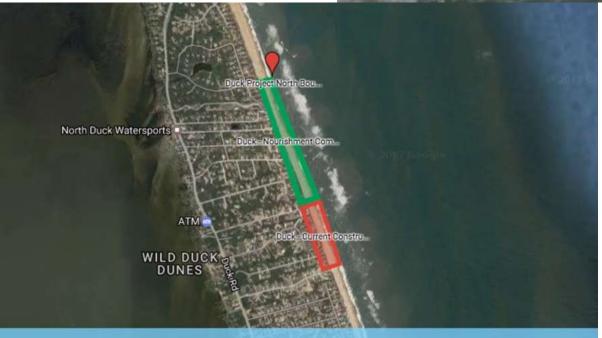
# **OUTREACH = COLLABORATION**



## 2017 DARE COUNTY CONSTRUCTION

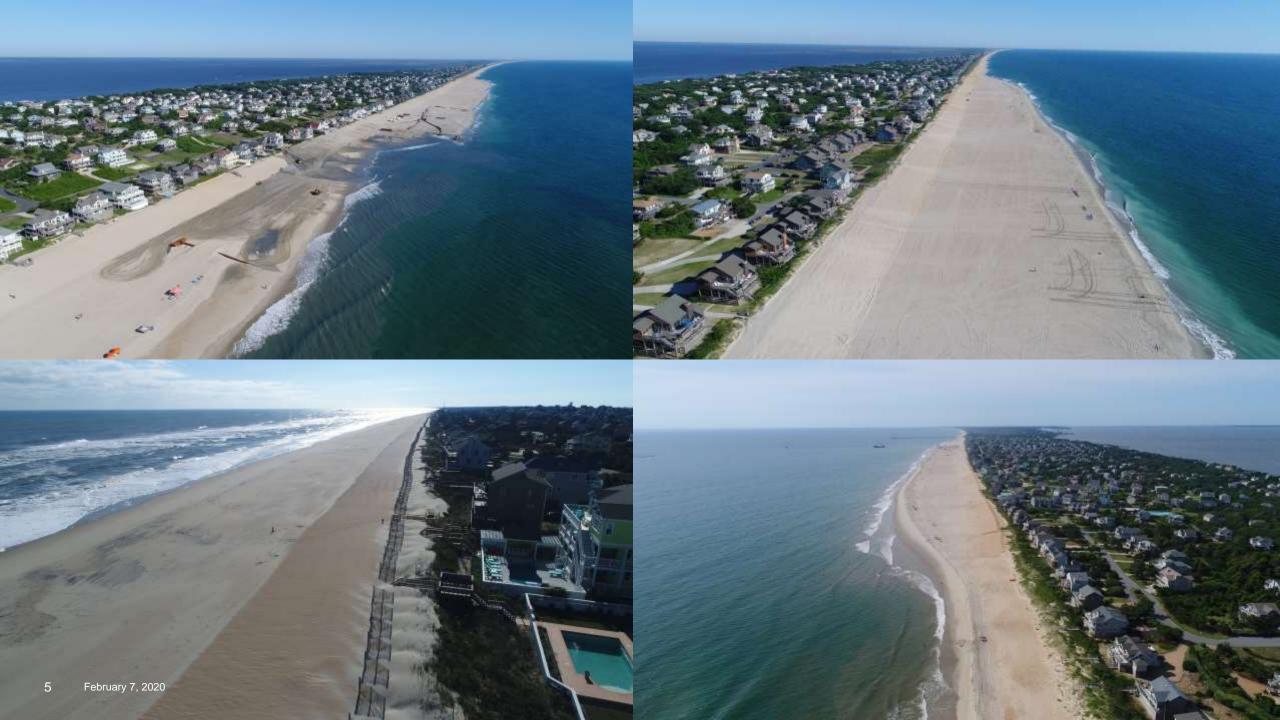
- Continuously provided updates via MoreBeachToLove.com
  - 192,961 website views by 177,065 unique users
  - Interactive map with construction areas, beach closures, and parking
- Bi-weekly project briefings open to the public
- Dare County produced a weekly video update





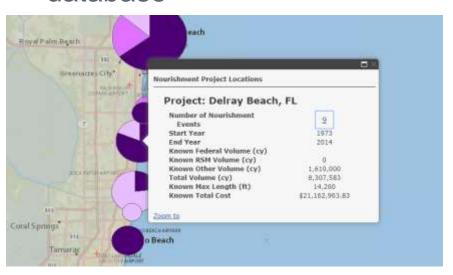
morebeachtolove.com





# ASBPA NATIONAL BEACH NOURISHMENT DATABASE

- https://gim2.aptim.com/ASBPANationwideRenourishment/
- Living database
- > Highlights year of event, total cost, total volume, known miles
- Latest updates allow local ASBPA representatives to revise and add new data to the database



	Delray Beach, FL Nourishment Events				- 8
Year	Length (ft)	Volume (cy)	Cost	Sand Source	
2014	5,280	380,000		Offshore	7
2014	5,280	380,000			
2013	14.260	1,156,500			
2005	14,256	326,804	\$3,793,670		
2002	8,976	1,230,000	\$3,882,210	Offshore.	
1992	8,976	1,196,500	\$4,862,000	Offshore	
1984	13,728	1,300,000	\$3,949,117	Offshore	
1978	8,976	701,266	\$1,660,584	Offshore	
1973	14,256	1,634,513	\$3,015,383	Offshore	
fotals	93,988	8,307,583	\$21,162,864		3



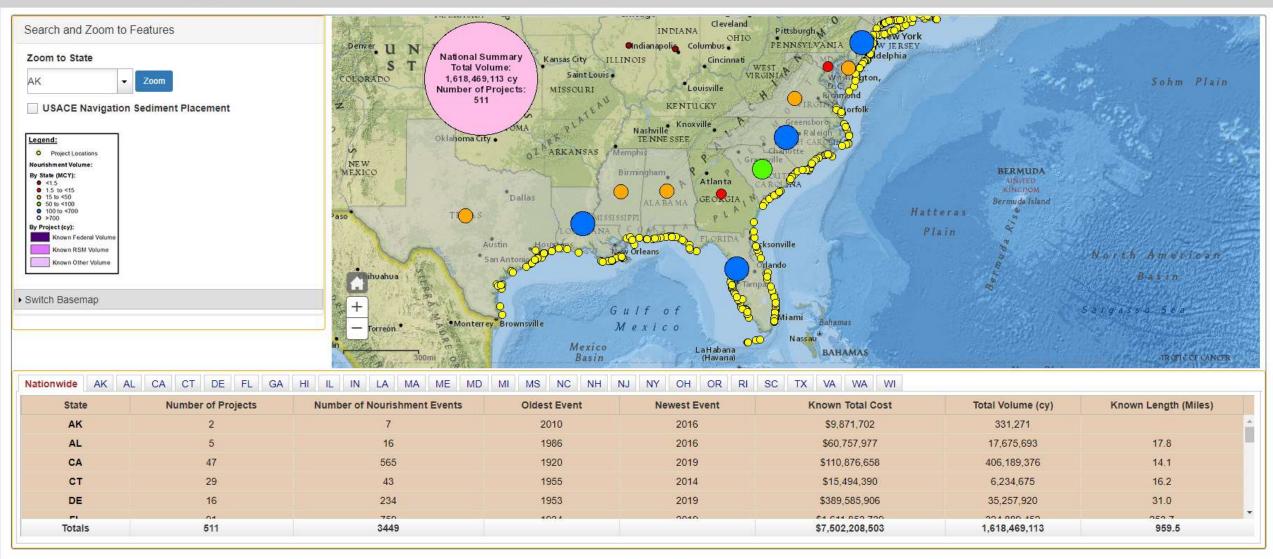






#### National Beach Nourishment Database







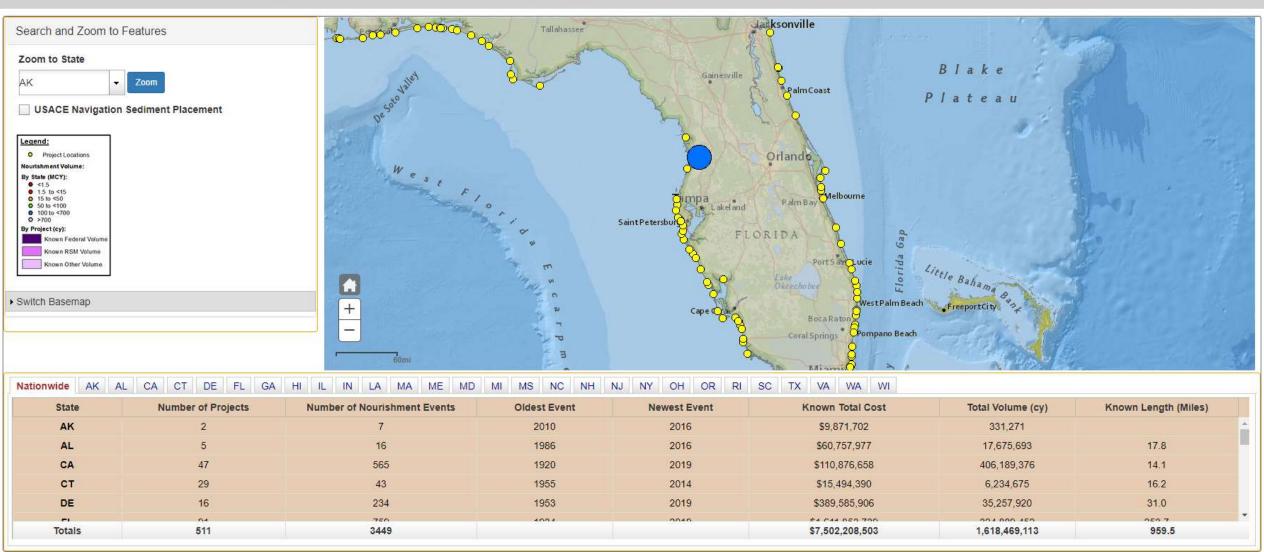






#### National Beach Nourishment Database

About Log in





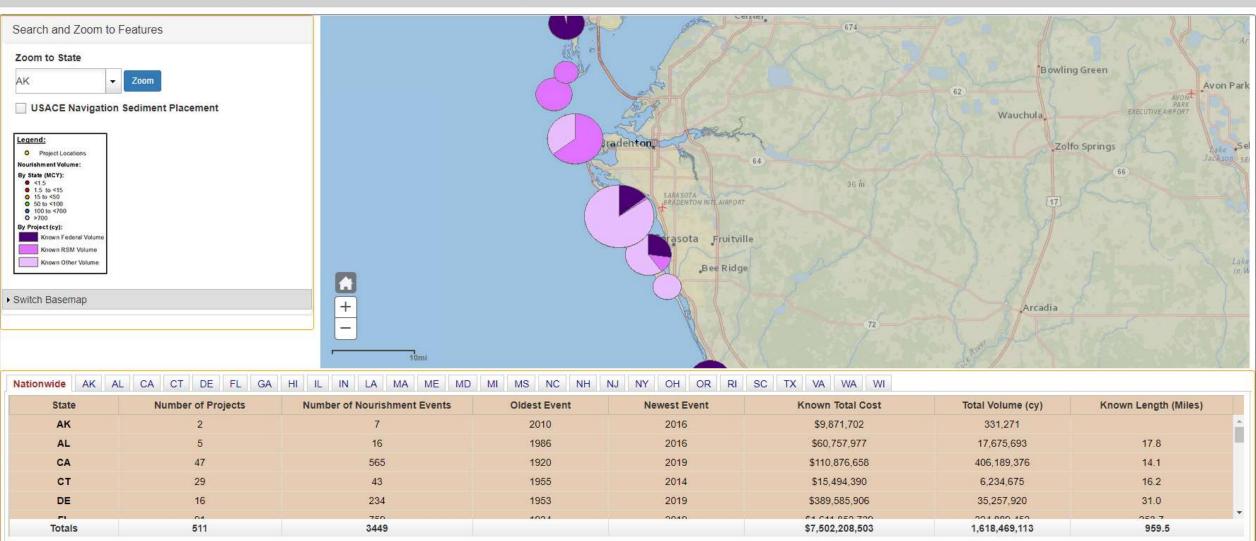






#### **National Beach Nourishment Database**

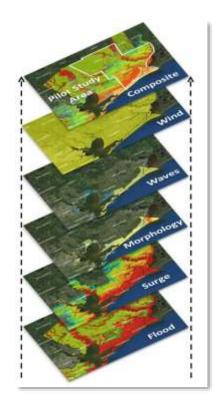
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## COASTAL RESILIENCY PLANNING

- > Texas General Land Office
- > 70 meetings in 22 coastal counties
- Coordination with technical advisors (local level staff & officials)
- > Assessed approximately 2,000 identified projects
- Comprehensive Desktop Study (storm mitigation plans, floodplain and wetland management tools, feasibility studies, risk matrices, and emergency response projects)





## CITY OF DELRAY BEACH SEAWALL VULNERABILITY

- Assess vulnerability to future seasonal flooding along the intracoastal waterway
- Identify options to protect infrastructure and citizens' property
- Presented results at small group public workshops





## CITY OF DELRAY BEACH SEAWALL VULNERABILITY

**Elevation and Condition Map Series** 



STUDY AREA

PARCELS

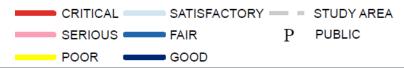














## CITY OF DELRAY BEACH SEAWALL VULNERABILTY

- Stormwater system analysis
  - Surveyed 103 inlets
  - 86 inlets below 4.4 ft.
  - 28 protected by current or planned backflow prevention devices (some in need of maintenance)
  - 58 remain unprotected and below 4.4 ft.









# QUESTIONS

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**Expect the Extraordinary.**