Investing in Coastal Resilience through Science & Policy

NATIONAL COASTAL SUMMIT, WASHINGTON, DC

MARCH 12, 2019

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American Shore & Beach Preservation Association
Advocating for healthy coastlines

Mission Statement:

ASBPA is dedicated to preserving, protecting and enhancing our coasts by merging science and public policy.

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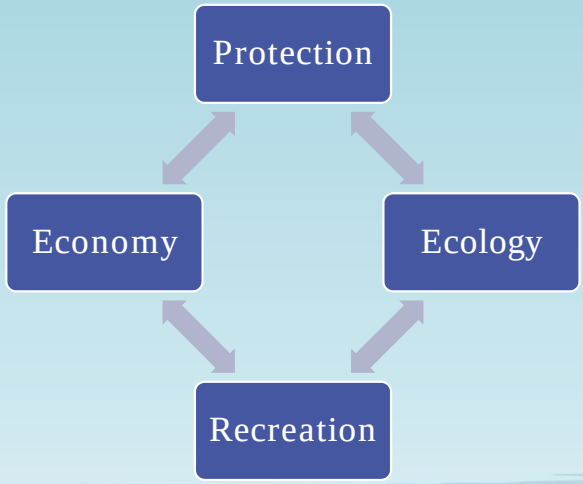
Vision:

Advocating for healthy coastlines



Strategic Plan 2019-2021:

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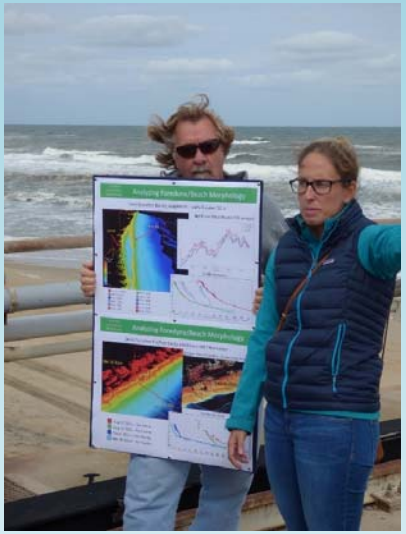
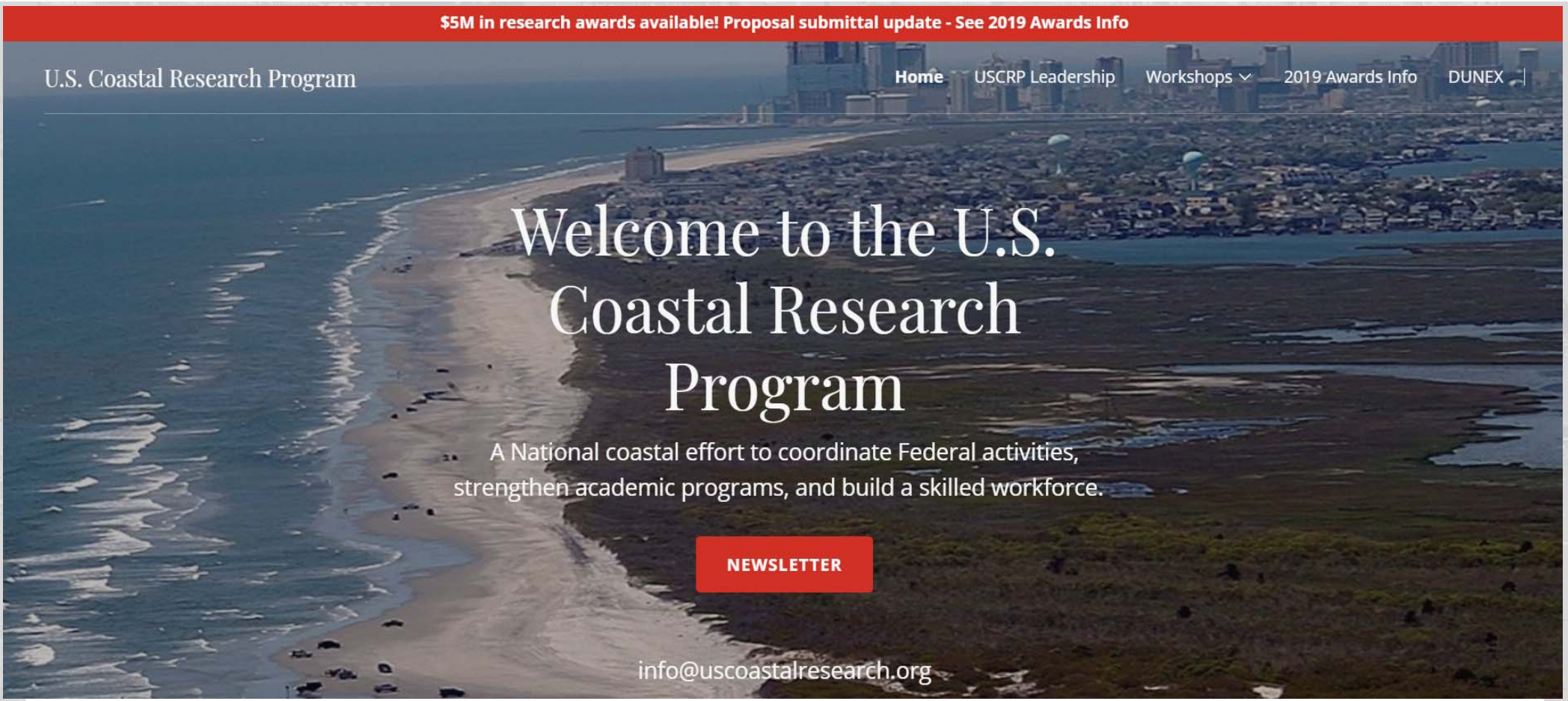
Science & Technology

Identifying Top 5 Coastal Management Challenges

- Communication/Education/Collaboration/Advocacy
- Climate Change: Rising/Changing Waters, Long- (SLR) and Short-term (flooding, WQ)
- Benefits of coastal restoration (maximize, measure/quantify economics, reduce risk)
- Environmental permitting, EWN, endangered species
- Resilience/Adaptation/Sustainability
- Coastal development/easements
- Aging Infrastructure
- Sand (shortages, management)




$5M in research awards available! Proposal submittal update - See 2019 Awards Info
U.S. Coastal Research Program
Home
USCRP Leadership
Workshops
2019 Awards Info
DUNEX
Welcome to the U.S. Coastal Research Program
A National coastal effort to coordinate Federal activities, strengthen academic programs, and build a skilled workforce.
NEWSLETTER
info@uscoastalresearch.org

USCRP in 2019:

- $5 million for academic research to meet 12 priority needs. Awarding:
  - 2-3 year academic research;
  - 1-2 year student-driven research.
- 133 Statements of Interest
  - Topics 1-6

U.S. Coastal Research Program

CALL FOR RESEARCH PROPOSALS

Academic Proposal Request

The U.S. Coastal Research Program (USCRP) is a partnership of the coastal research community to coordinate Federal activities, strengthen academic programs, and build a strong workforce. As identified by its' National Plan,[1] the USCRP addresses societal needs along the coast through a coordinated effort backed by researchers from Federal agencies, academia, industry, and non-governmental organizations.

In 2019, the USCRP is providing approximately $5M in competitive awards for academic proposals addressing the topics described below. Awards will be made with the intent of assisting academic institutions in funding coastal and nearshore processes graduate students to address critical research needs within the coastal community, advancing the state of knowledge, and building the future U.S. workforce.

Two types of awards are available:

(1) Academic Research: 2-3-year awards addressing strategic needs;[2] and

(2) Student Challenges: 1-2 year awards targeting short-term, focused, student driven initiatives.

Schedule

November 1, 2018 – Call for USCRP 2019 Academic Proposals

January 15, 2019 – Proposals due to the USCRP Review Team, c/o proposals@uscoastalresearch.org

February 15, 2019 – USCRP Review Team will review and select proposals for award. Feedback may be provided so that modifications can be made.

March 1, 2019 – Official announcement of proposals selected by the USCRP Review Team

June 1, 2019 – Funding awarded

Requirements

Eligible applicants include institutions of higher education. Proposals that have the following characteristics will receive higher ranking in the evaluation process: research supporting a U.S. graduate student; collaborating with other practitioners or institutions on the proposal; co-authoring findings with practitioner(s) in American Shore and Beach Preservation Association (ASBPA) Shore & Beach Journal; presenting findings of research at ASBPA's Conference as the work concludes; and using open-source community models if numerical models are utilized. Additionally, preference will be given to budgets reflecting strategic prioritization of funding per each year of the proposed project.

Submit proposals to the USCRP Review Team, c/o proposals@uscoastalresearch.org by 15 January, 2019.

https://gim2.aptim.com/ASBPANationwideRenourishmentTest/

National Beach Nourishment Database

About Admin Hello Admin, Approver, Editor nelko@elkocoastal.com! Log off

Search and Zoom to Features

Zoom to State

AK Zoom

USACE Navigation Sediment Placement

Legend:

Project Locations

Nourishment Volume:

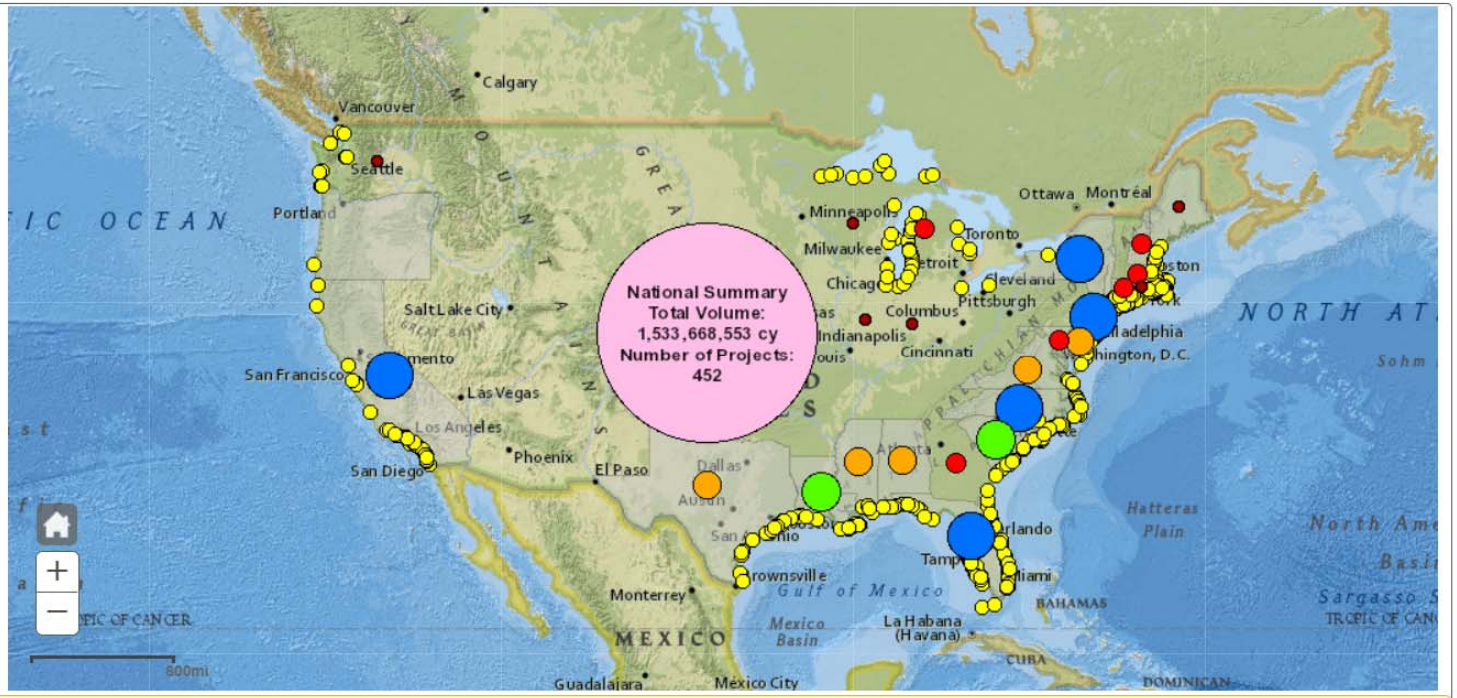
By State (MCY):

- <1.5
- 1.5 to <15
- 15 to <50
- 50 to <100
- 100 to <700
- >700

By Project (cy):

- Known Federal Volume
- Known RSM Volume
- Known Other Volume

Switch Basemap



Nationwide | AK | AL | CA | CT | DE | FL | GA | HI | IL | IN | LA | MA | ME | MD | MI | MS | NC | NH | NJ | NY | OH | OR | RI | SC | TX | VA | WA | WI

State	Number of Projects	Number of Nourishment Events	Oldest Event	Newest Event	Known Total Cost	Total Volume (cy)	Known Length (Miles)
AK	2	7	2010	2016	$9,871,702	331,271	
AL	5	15	1986	2016	$60,757,977	17,675,602	16.7

Government Affairs

asbpa

About Us Conferences

Increases in Funding for Coastal Programs

ASBPA was instrumental in securing increased funding in FY19 for three critical coastal programs: shore protection, beneficial use of dredged material and the coastal inlet research program. Combined, these programs saw an increase of $18 million dollars over FY18.

Here are the coastal programs that ASBPA was advocating for in the US Army Corps budget:

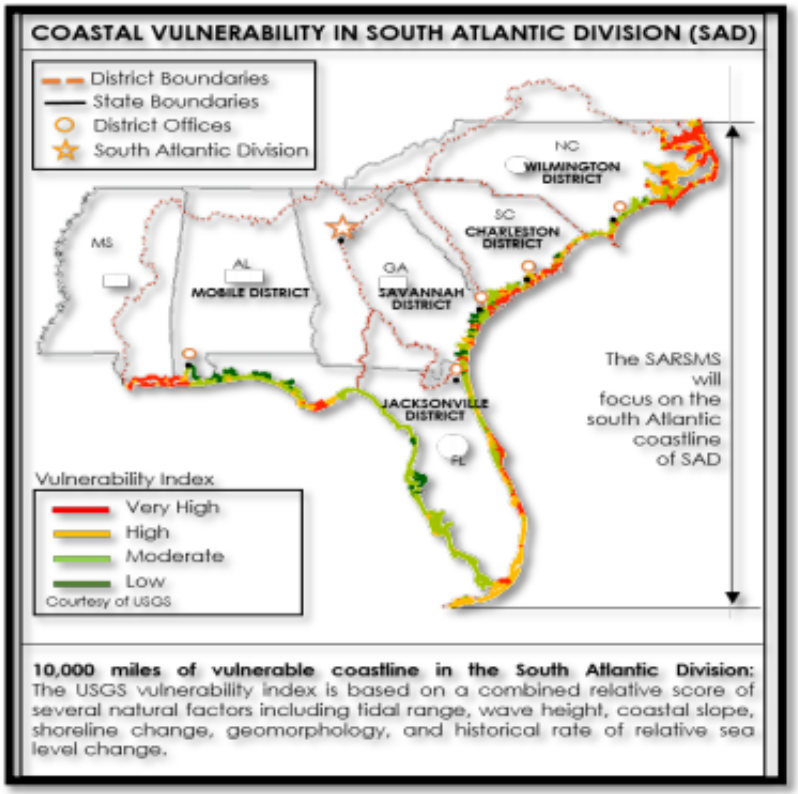
Line Item	FY18 (current) allocation	FY19 Omnibus allocation
Shore Protection (construction)	$50 mil	$55 mil
Beneficial Use of Dredged Material (Cont. Auth. Prog.)	$1.5 mil	$10 mil*
Regional Sediment Management	$8.95 mil*	$3.5 mil
Coastal Inlet Research	$2.975 mil	$7.975 mil
National Coastal Mapping	$6.3 mil	$13 mil

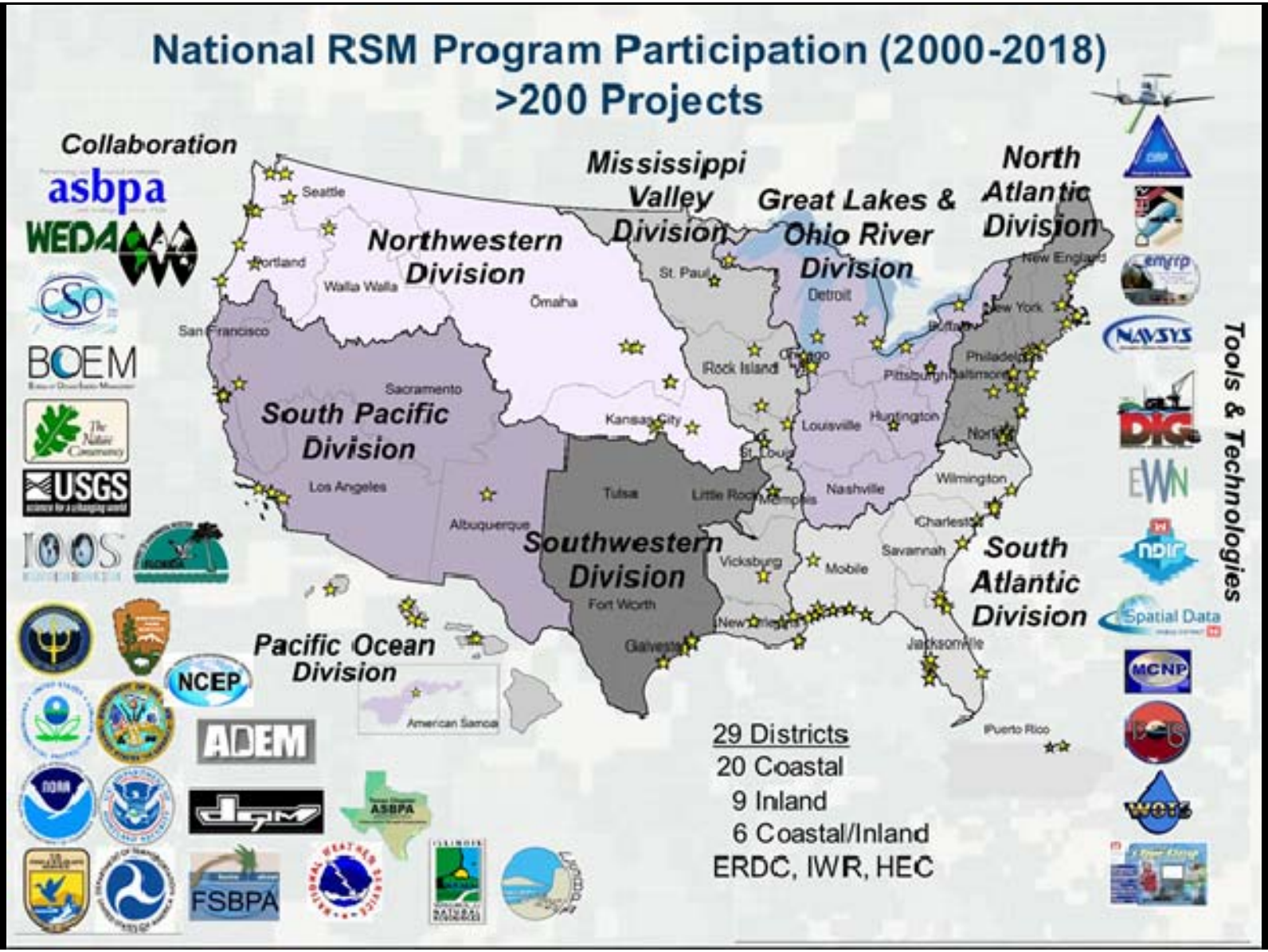
HOLLAND

US Army Corps of Engineers
Wilmington District

South Atlantic Coastal Study

- Study was authorized by Section 1204 of WRDA 2016
- Study will identify coastal risk and vulnerabilities due to sea level rise
- Anticipated to be completed in 3 yrs




National RSM Program Participation (2000-2018)
>200 Projects
Collaboration
asbpa
WEDA
CSO
BOEM
The Nature Conservancy
USGS
IOOS
FLORIDA
NCEP
ADEM
dgm
ASBPA
FSBPA
Mississippi Valley Division
Great Lakes & Ohio River Division
North Atlantic Division
Northwestern Division
South Pacific Division
Southwestern Division
South Atlantic Division
Pacific Ocean Division
Seattle
Portland
Walla Walla
Omaha
St. Paul
Detroit
New England
New York
San Francisco
Sacramento
Rock Island
Kansas City
Louisville
Huntington
Pittsburgh
Baltimore
Philadelphia
Los Angeles
Albuquerque
Tulsa
Little Rock
Memphis
Nashville
Wilmington
Charleston
Vicksburg
Mobile
Savannah
Fort Worth
Galveston
Jacksonville
American Samoa
Puerto Rico
29 Districts
20 Coastal
9 Inland
6 Coastal/Inland
ERDC, IWR, HEC
Tools & Technologies
CRP
emrrp
NAVSYS
DIG
EWN
ndir
Spatial Data
MCNP
WOTS

How do I remember this?

Founded in 1926, ASBPA is dedicated to preserving, protecting and enhancing our coasts by merging science and public policy.

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Legislative & federal agency agenda: 2019

1. Investing in coastal resilience: infrastructure, restoration and research funding

Coastal resilience means being better prepared for hazards. This will take coastal infrastructure that reduces risk, healthy coastal ecosystems that can withstand damage and research into future hazards and understanding management challenges. All of which take funding. ASBPA supports the following policies to sensibly invest in healthy coastlines:

Congress should:

A: Immediately invest in coastal infrastructure to protect communities.

The U.S. must invest in coastal flood infrastructure from coastal flooding. Investing in protection is far cheaper than paying for rebuilding and restoring coastlines generates jobs: engineering and construction jobs, and protects and creates jobs in transportation, recreation and tourism, fishing and more.

- Provide $5 billion over 10 years to federal, state and local beaches, dunes, wetlands and other coastal risk reduction, erosion control, and habitat infrastructure to address backlog in authorized projects and provide a "down payment" on projects in development. Any major infrastructure legislation should explicitly allow funding to be used for coastal nature-based infrastructure (such as beaches, dunes and wetlands).
- Pass a 2019 disaster supplemental appropriations bill that:
  - Provides supplemental Flood Control
  - Funds federally authorized but unconstructed coastal storm damage risk reduction projects along coastlines impacted by 2018 hurricanes;
  - Funds coastal research that will lead to communities better able to withstand future hurricanes.
- Provide adequate appropriations for key coastal programs.

There are many important coastal appropriations spread across many agencies. In particular, Congress should:

- Appropriate at least $75 million for Shore Protection in USACE Civil Works construction.
- Appropriate $15 million for Regional Sediment Management (RSM) and Beneficial Use of Dredge Material (BUDM) in USACE Civil Works.
- Appropriate at least $46 million for USGS Coastal and Marine Geology Program (CMGP).

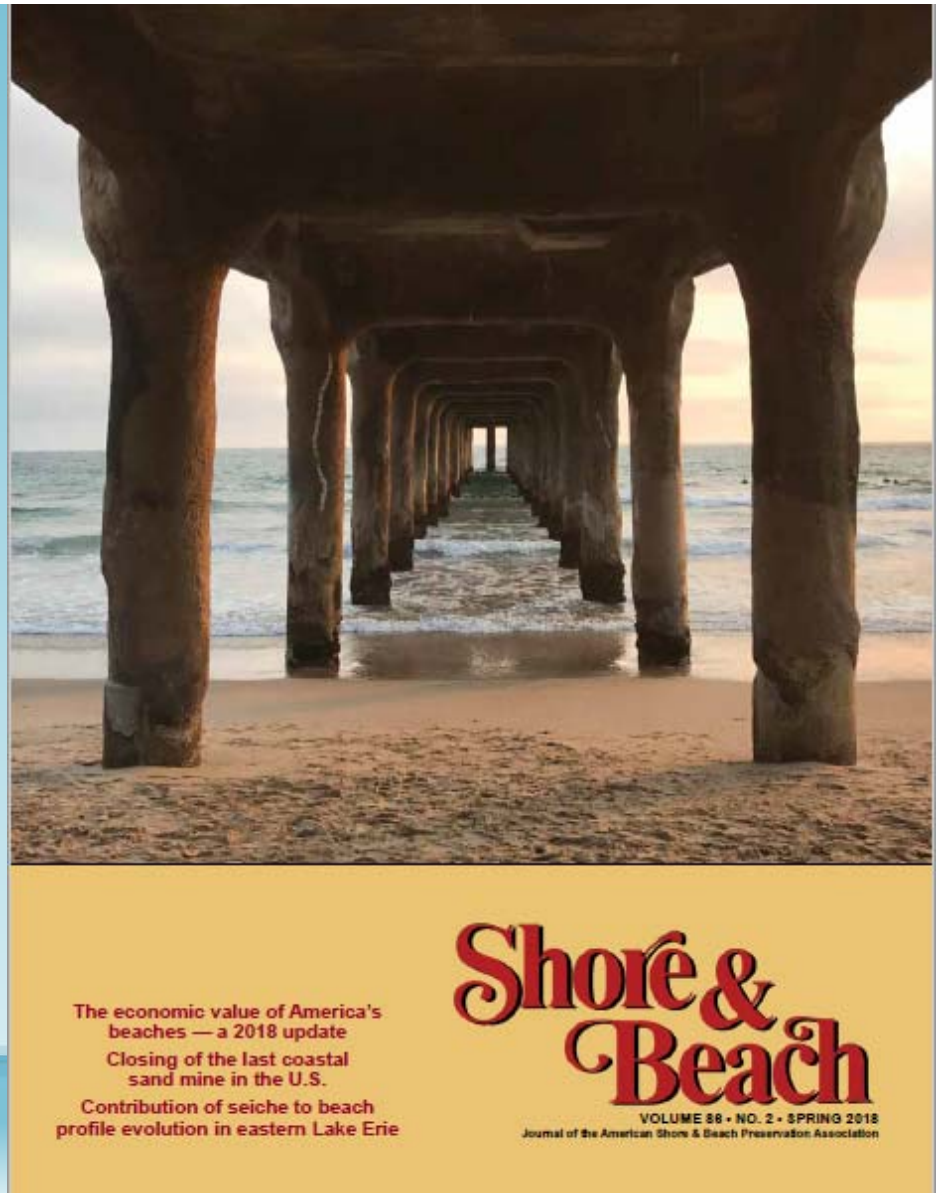
Communications, Outreach & Education

Shore & Beach

Digital Access:

http://asbpa.org/publications/shore-and-beach/

Password for 2019:

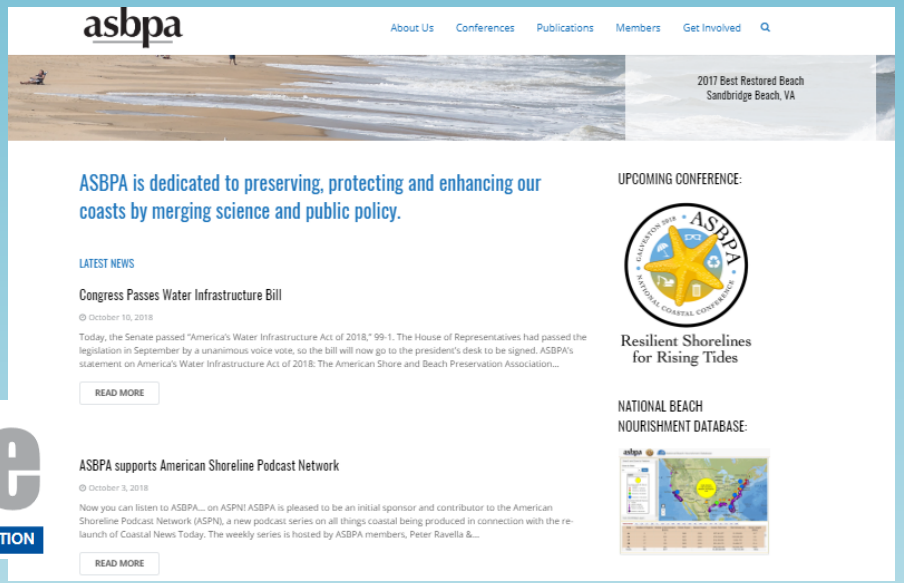


Going digital:

The American Shoreline PODCAST NETWORK

Coastal Voice

THE NEWSLETTER OF THE AMERICAN SHORE & BEACH PRESERVATION ASSOCIATION



Social Media:

/AmericanBeaches

@ASBPA

LinkedIn American-Shore-and-Beach-Preservation-Association

Use **#ASBPAsummit**

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Best Restored Beaches...

- **Best Restored Beach** nominations are due April 5.

...and Shores!

- ***Brand new*** **Best Restored Shore** nominations are **due July 12.**

National Coastal Conference

Myrtle Beach, SC

October 22-25, 2019

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"Where Coasts & Rivers Meet"
ABSTRACTS DUE:
Abstracts due:
MAY THE 04TH!
MAY THE 4TH!
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