

# American Shore & Beach Preservation Association Update

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NCBIWA SPRING MEETING  
APRIL 27, 2021



[Science and Technology](#)[Policy](#)[Funding](#)[Committees](#)[Coastal Universities Guide](#)[Support Us](#)[Blue Flag in the US](#)

2018 Best Restored Beach  
Outer Banks, North Carolina



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

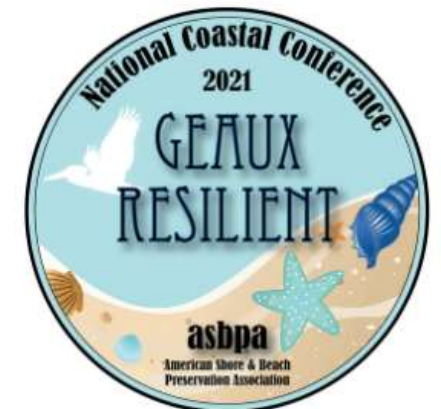
## LATEST NEWS

### International Jury grants Blue Flag Pilot Status to four US beach sites

© April 22, 2021

The American Shore and Beach Preservation Association (ASBPA) has been working with four beaches around the US since last October to submit materials to the Blue Flag International Jury and determine their current level of compliance with the Blue Flag eco-award criteria. The International Jury met mid April to review applications from all participating countries...

## UPCOMING CONFERENCE:





# Government Affairs



## Virtual Summit, March 2021

# Transition

## Core Gov't Affairs Team:

- Tony Pratt, President, lead for public communication and Hill/Agency contact
- Peter Seidle, Committee co-chair, lead for committee organization
- Kathleen Riely, Committee co-chair, lead for drafting letters/policy recommendation
- Bill Hanson, Help with Congressional/federal updates, tracking legislation.
- Joan Pope, lead for Summit gov't affairs issues.
- Nick Brown, Volunteer (past intern), committee support.

# Blue Flag In The US – 2021 Update



- Establish a National Committee – Winter 2019
- Complete a Feasibility Study – July 2020
- Review the Criteria – November 2020
- Carry out a Pilot Phase – April 2021
- Host a National Workshop – September 2021

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910-368-7847

# Science & Technology

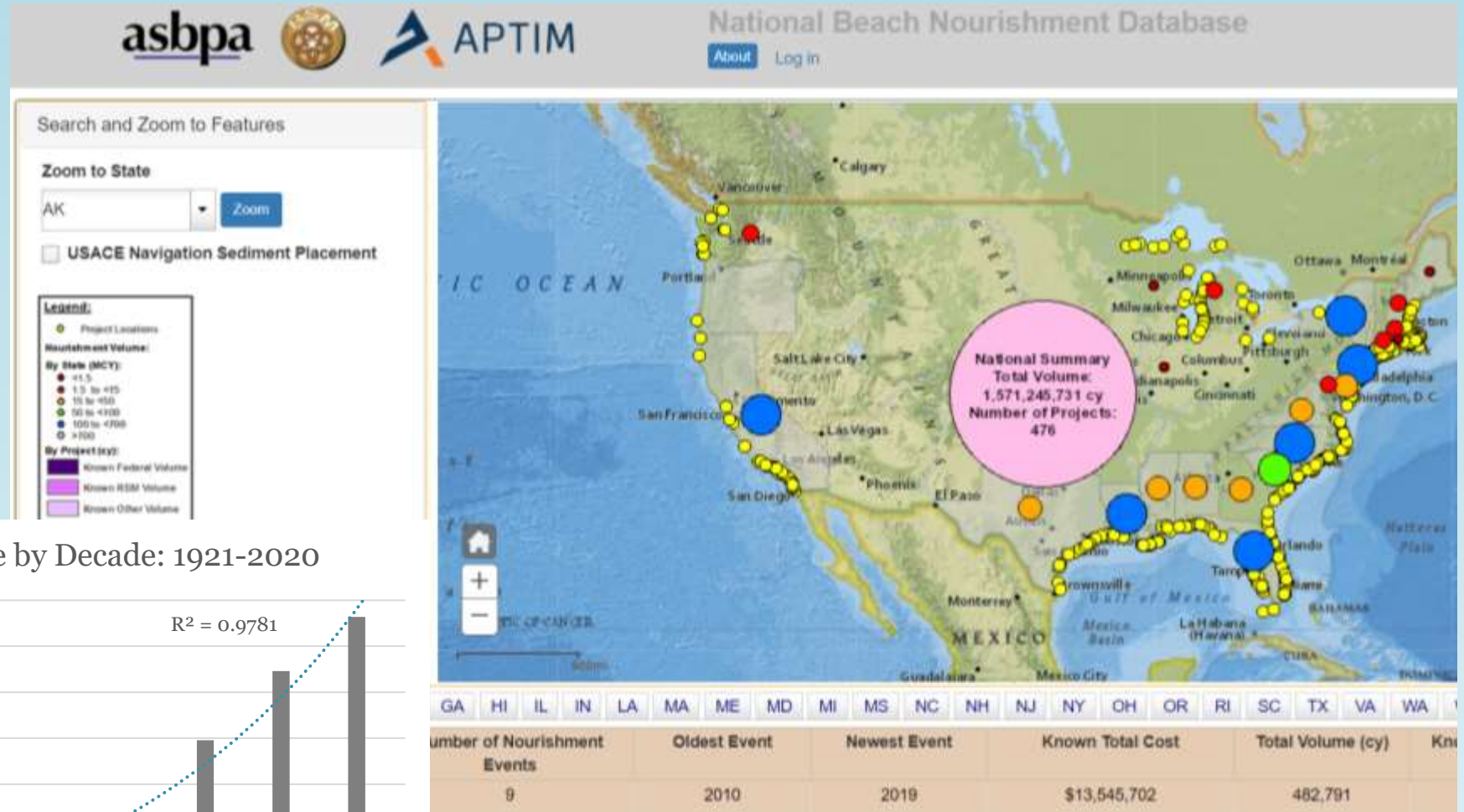
# ASBPA Science & Technology 2021

- National Beach Nourishment Database Update\*
- Top Coastal Management Challenges
- White Papers
- USGS Coastal Hazards Tools Assessment\*
- National Assessment of State Sediment Placement Regulations\*
- U.S. Coastal Research Program\*

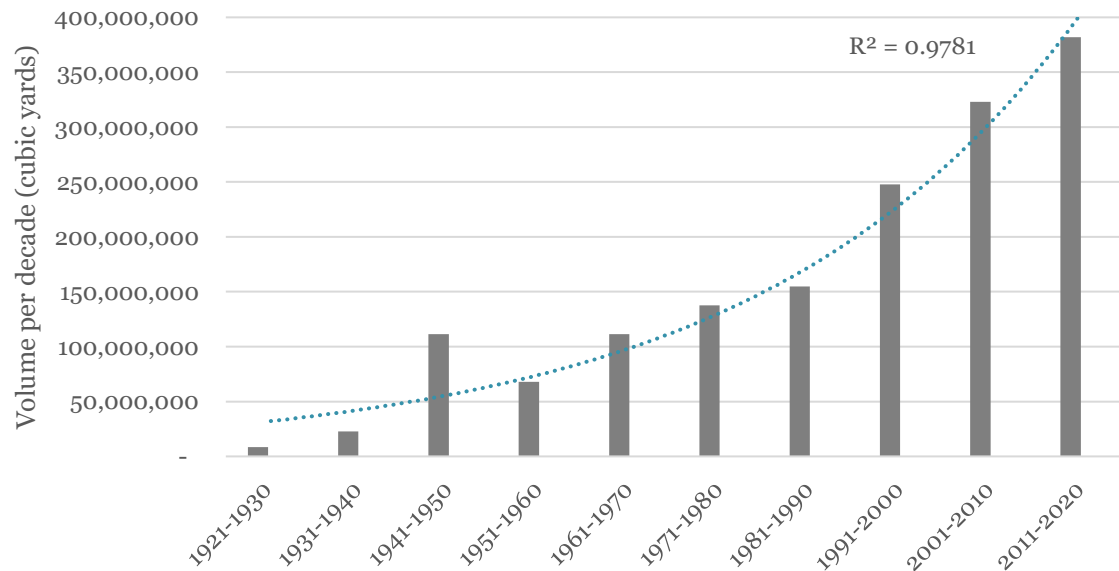




# National Beach Nourishment Database: 2021 Update

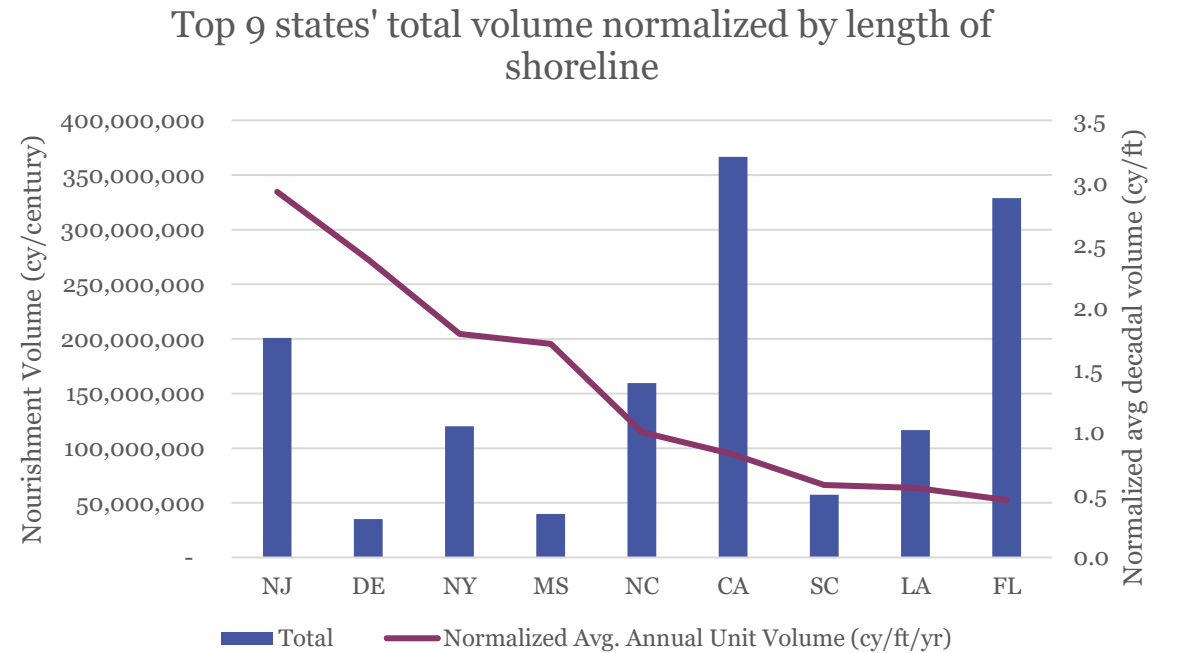
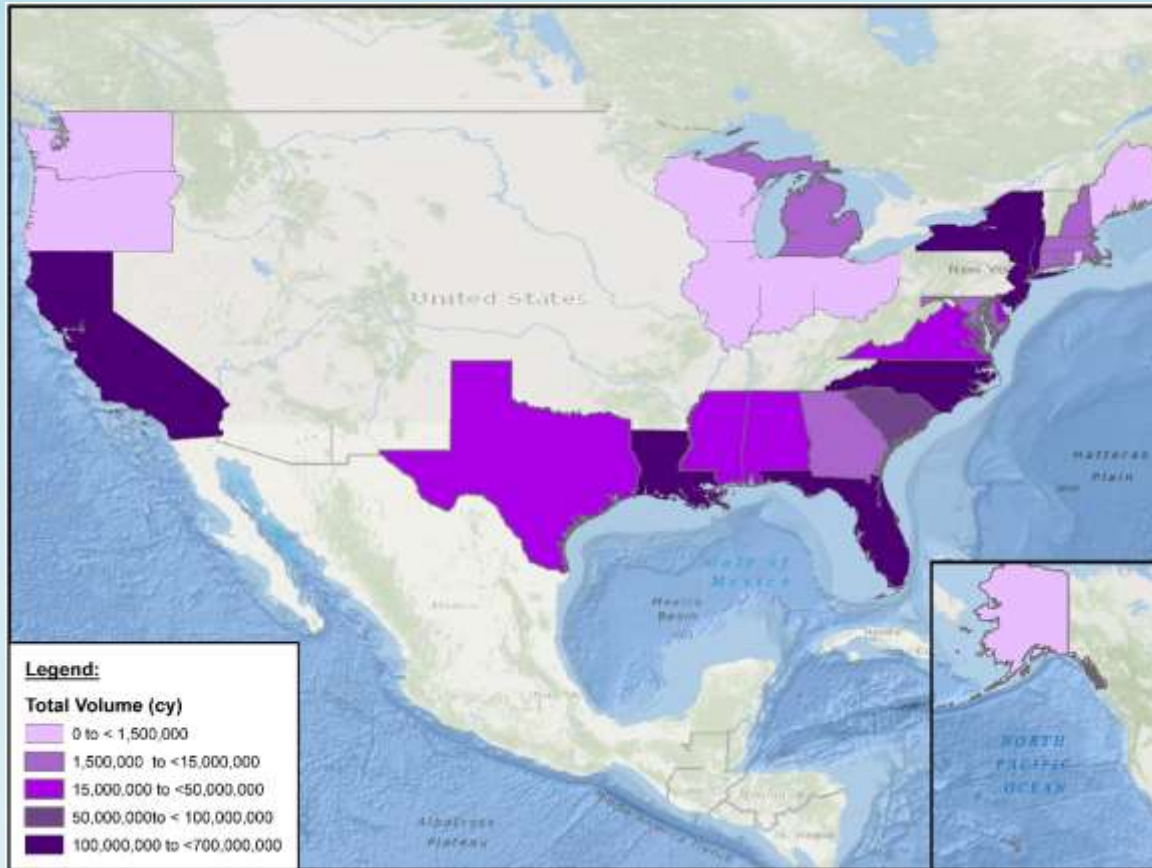


U.S. Beach Nourishment Volume by Decade: 1921-2020





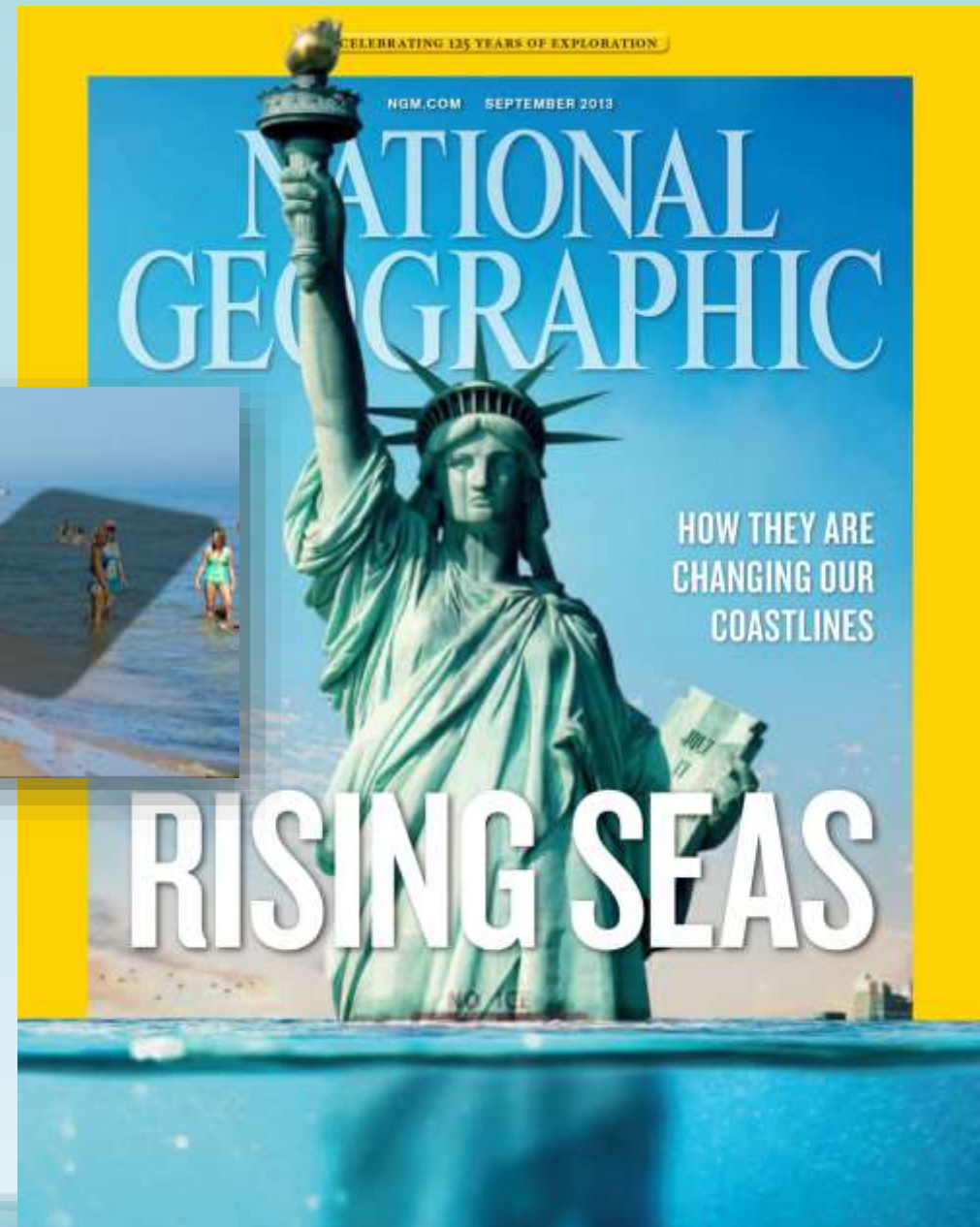
# A Century of U.S. Beach Nourishment



Elko, N., Briggs, T.R., Benedet, L., Robertson, W., Thomson, G., Webb, B.M., Garvey, K., 2021. A Century of U.S. Beach Nourishment. *Ocean & Coastal Management*, 199(2021) 105406, ISSN 0964-5691, <https://doi.org/10.1016/j.ocecoaman.2020.105406>



Time Magazine August 10, 1987; Time Inc.



National Geographic Magazine September, 2013; NGM.com; Hmielowski, T, 2018. DOI: 10.2134/csa2018.63.0901



# Top 5 Coastal Management Challenges

- Deteriorating ecosystems leading to reduced (environmental, recreational, economic, storm buffer) functionality,
- Increasing storminess due to climate change (i.e., more frequent and intense impacts),
- Coastal Flooding, both
  - Sea level rise and associated flooding (e.g., nuisance flooding, King tides), and
  - Combined effects of rainfall and surge on urban flooding (i.e., episodic, short-term),
- Chronic beach erosion (i.e., high/increasing long-term erosion rates), and
- Coastal water quality, including Harmful Algal Blooms (e.g., red tide, sargassum).



# Top Coastal Management Challenge: Water Quality

WPDE ABC15  
@WPDEABC15

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Posts  
Second Street Promotion...  
Second Street Promotion...  
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WPDE ABC15  
June 26, 2019

HEADS UP!  
DHEC says bacterial levels in that location are currently above state and federal standards, and swimming is not advised until those levels return to normal.

WPDE.COM | BY WPDE ABC15  
**Temporary swimming advisory issued for part of Myrtle Beach**  
A section of beach in south Myrtle is under a swimming advisory. The Dept...

152  
77 Comments 737 Shares



Hannides, A., Elko, N., Briggs, T.R., Kim, S-C., Mercer, A., Park, K, Rosov, B., Searcy, R., and Walther, M., in press. An ASBPA White Paper: **U.S. Beach Water Quality Monitoring, Shore & Beach**







# User Assessment of USGS and ASBPA Coastal Tools

*Introduction*

*Total  
Water  
Level  
Viewer*

*COSMOS*

*Coastal  
Change  
Hazards  
Portal*

*National  
Beach  
Nourishment  
Database*

*User  
Survey*

Do you use this?



## Introduction

How has this been helpful?



What is missing?



# National Assessment of State Sediment Placement Regulations



*All coastal and Great Lakes states and territories (with the exception of Alaska) participate in the National Coastal Zone Management Program.*





**DUNEX**  
During Nearshore Event Experiment



## Welcome Stakeholders!

The USCRP wants DUNEX to be useful to coastal managers within the Outer Banks study areas and beyond. Get involved by attending a virtual coffee hour (learn more below). Check out our new video to see how DUNEX researchers are engaging coastal managers like you!

Save the Date!  
May 7: Beach Nourishment (Ken Willson, CPE)  
<https://uscoastalresearch.org/dunex>

Sign up: Coffee Hours

VOLUNTEER





# Get Involved!



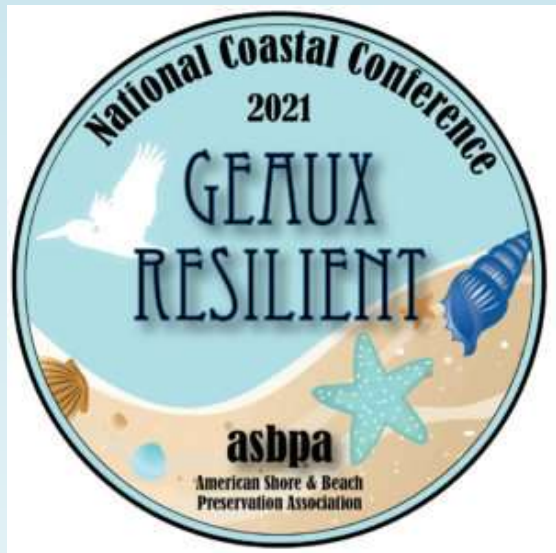
/AmericanBeaches



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SUBMIT AN ABSTRACT

National Conference  
New Orleans, LA  
*Sept 28 - Oct 1 2021*

**Abstracts Due May 1**

JOIN A COMMITTEE:

- Meet monthly by conference call during the 3<sup>rd</sup> week of each month:
- **Science & Technology** – Tuesday
- **Government Affairs** – Thursday
  - [PSeidle@appliedtm.com](mailto:PSeidle@appliedtm.com)

[www.asbpa.org](http://www.asbpa.org)

**asbpa**

American Shore & Beach Preservation Association

Advocating for healthy coastlines