



New Jersey  
Natural Gas

*Proudly Presents*



15<sup>th</sup> Annual

Ocean  
Fun Days!

**Saturday, May 19**

Island Beach State Park  
Seaside Park

**Sunday, May 20**

NJ Sea Grant Consortium  
Sandy Hook

**11 a.m. to 3 p.m. Rain or shine both days.**

**In partnership with**



**app.**

PART OF THE USA TODAY NETWORK



# *Welcome to*



*Brought to you by*

## **NEW JERSEY NATURAL GAS** *(Founding Partner)*

Today, the demand for energy, especially clean, energy-efficient natural gas is growing. At New Jersey Natural Gas (NJNG), we encourage our customers and communities to use energy wisely for the preservation of our environment and natural resources. Learn how you can join in our efforts and make a difference in the lives of future generations by visiting the Save Energy & Money section of [njng.com](http://njng.com). While there, NJNG customers can visit My Account and sign up for FREE E-Tips for energy-saving ideas and the latest information on rebates, incentives, programs and events such as Ocean Fun Days.

## **NEW JERSEY SEA GRANT CONSORTIUM**

New Jersey Sea Grant Consortium (NJS GC) is an affiliation of colleges, universities and other groups dedicated to the advancing knowledge and stewardship of New Jersey's marine and coastal environment. NJS GC meets its mission through its research, education and outreach programs. For more information about NJS GC, visit [njseagrant.org](http://njseagrant.org).

## **ASBURY PARK PRESS / GANNETT NJ**

The Asbury Park Press, your number one source of local news and information in Monmouth and Ocean counties, proudly supports Ocean Fun Days. Our family of award-winning newspapers, Web sites and multi-media platforms are dedicated to getting the word out to conserve energy and preserve our Jersey Shore coastal resources for generations to come.

## **ISLAND BEACH STATE PARK**

Shaped by storms and tides, Island Beach State Park is a narrow barrier island stretching for 10 miles between the Atlantic Ocean and Barnegat Bay. The park is one of New Jersey's last significant remnants of the barrier island ecosystem that existed along much of the east coast. Over 3,000 acres and 10 miles of dunes remain relatively untouched. Park visitors can enjoy nature programs, fishing, swimming, birding and hiking throughout the park.

## **THE JAMES J. HOWARD MARINE SCIENCES LABORATORY**

The James J. Howard Marine Sciences Laboratory, located on the New Jersey shore at Sandy Hook, is a state-of-the-art marine research facility shared by the National Oceanic and Atmospheric Administration (NOAA) and the State of New Jersey. Federal research at the laboratory is conducted by NOAA Fisheries. The primary mission of the Howard Laboratory is to conduct research in ecology, leading to a better understanding of the importance of habitat condition for marine biota, particularly fish and sustainable fisheries.



**Look for  
energy savings  
at our Energy  
Scavenger Hunt.**

Complete the hunt and claim your prize at the Character Corner.

## **ISLAND BEACH STATE PARK GUIDED NATURE PROGRAMS**



Join park educators as we explore Island Beach State Park and its unique ecosystems. The following guided programs will be offered throughout the Summer of 2018. Follow the link below for additional information and to pre-register!

### **BIRDING BY KAYAK TRIP**

#### **SEDGE ISLANDS KAYAK ECO-TOUR**

#### **COASTAL COOKING**

### **SUNSET KAYAK PADDLE**

#### **BEGINNERS SURF FISHING CLINIC**

#### **JUNIOR NATURALIST PROGRAM**

### **WILDCILD ISLAND EXPLORERS FIELD EXPERIENCE**

#### **WILDCILD SURFING SAFARI**

### **MOONLIGHT STROLL AND BONFIRE**

### **ASTROPHOTOGRAPHY 101**

## **AND MORE!**

*For Schedule, Fees, Program Descriptions and to Pre-Register (Required)  
please visit [islandbeachnatureprograms.org](http://islandbeachnatureprograms.org) or call 732-793-1315.*



# NOAA FISHERIES

Northeast Fisheries Science Center



## OPEN HOUSE

Sandy Hook, New Jersey

Sunday, May 20, 2018 - 11 a.m. to 3 p.m.

### NOAA's Fisheries Service Welcomes You to the James. J. Howard Marine Sciences Laboratory!

- 32,000 Gallon Aquarium: Observe and Visit Local Marine Life
- Offshore Sites for Wind Energy: A NOAA/BOEM Collaboration
- Tales of the Deep: Corals
- Living Marine Resources: Live Fish and Touch Tanks
- Baby Fish is Where the Action Is: Live Fish
- CO<sub>2</sub>, Climate Change, Ocean Acidification and Fish Health
- Evaluating Ocean Noise: Can You Hear Me Now?
- Aquaculture Research to Support Industry in the Northeast
- Northeast Fisheries Observer Program
- Northeast Fisheries Science Center Cooperative Research Program
- NOAA Fisheries Greater Atlantic Region, N.J. Port Agents



74 Magruder Road  
Highlands, (Sandy Hook), NJ 07732  
732-872-3000

<http://www.nefsc.noaa.gov/nefsc/SandyHook/>

# ISLAND BEACH STATE PARK

## Schedule

**ALL DAY:** Dozens of great exhibits and displays. Be sure to visit them all.

**TOURS AND WORKSHOPS:** Sign up at Table 2. Space is limited.

**Go Seining!** Join park educators and use a seine net to catch and observe marine life in Barnegat Bay. 11 a.m., noon, 12:45 p.m., & 2:30 p.m. (30 minutes per session)

**Beach Walk:** Join park educators on a leisurely stroll through the dunes and onto the beach while learning about the plants and animals that inhabit the area.  
11:15 a.m., 12:15 p.m. (30 minutes per session)

**NEW! Kayak Demo:** Check out a few kayaks in IBSP's fleet. Park educators will be on hand to talk about kayaking, paddling, pfd's, and other accessories to get you outfitted and ready to kayak! 11:30 a.m. (30 minutes)

**NEW! Surfing Demo:** Try out IBSP's beginner surfboards and get a brief introduction into the sport of surfing. 12:20 p.m. (30 minutes)

**NEW! Dune Grass Planting:** Join park educators and learn about the importance of dunes and dune grass. Then head out to the beach and plant some grass!  
1:15 a.m. (60 minutes)

**NEW! Beach Cleanup:** Join park educators to help clean up the beach and learn about the plastic pollution problem our oceans are facing. Trash bags are provided.  
1:30 p.m., 2:15 p.m. (30 minutes per session)

**Bird Walk:** Observe shore and woodland birds with Professor Robert Colburn, Middlesex County College. 11:45 a.m., 12:45 p.m., 1:45 p.m. (30 minutes per session)

**Sand Castle Science:** Learn how cohesion, adhesion and surface tension can help you build a better sandcastle with NJSGC Education Specialist Mindy Voss.  
12:15 p.m., 1:15 p.m., 2:15 p.m. (allow 20 minutes per class)

### **Diamondback Terrapin Hatchling Release:**

Join students and faculty from Project Terrapin and the Marine Academy of Technology and Environmental Science (MATES) as they release young turtles back into their natural habitat. Spaces are limited. Buses depart at 11 a.m., 12:15 p.m. and 1:30 p.m.

**PLEASE NOTE: SPECIAL PROGRAMS INVOLVE WALKING, INCLUDING SOME PORTIONS ON SAND. GATHER AT SIGN-UP TABLE 15 MINUTES BEFORE START TIME.**

## ***NOT TO BE MISSED!***

**Character Corner:** Stop by and meet our larger than life characters! Take a selfie with a friendly shark or have a friend or family member capture your best pose with our ocean-dwelling mascots. Be sure to grab a free magnetic frame to hold your best picture. Characters will be available all day.

**Scavenger Hunt:** Visit exhibits displaying an Ocean Fun Days turtle flag to complete our Energy Scavenger Hunt. When you're done, claim your prize at the Character Corner.



# SANDY HOOK

## Schedule

**ALL DAY:** Dozens of great exhibits and displays. Be sure to visit them all!

**WORKSHOPS:** Sign up at Table 6. Space is limited.

**Bird Walk:** Observe shore and woodland birds on a walking tour with Professor Robert Colburn, Middlesex County College.  
11:45 a.m., 12:45 p.m., 1:45 p.m. (30 minutes per class)

**NEW! What's more dangerous? A rip current or a shark?** Join NJSCG's Dr. Amy Williams and have fun, gain a new appreciation of sharks and rip currents, and learn how to swim safely this summer. 11:30 a.m., 1 p.m., 2:30 p.m. (30 minutes per session)

**NEW! Author Don Walsh will read from his children's book "Teach the Beach."** An avid swimmer, Don is dedicated to helping you enjoy the ocean and stay safe while enjoying summer at the Jersey Shore.  
12:15 p.m., 1:45 p.m. (30 minutes per session)

**Sand Castle Science:** Learn how cohesion, adhesion and surface tension can help you build a better sandcastle with NJSCG's Education Specialist Mindy Voss.  
12:15 p.m., 1:15 p.m., 2:15 p.m. (20 minutes per class)

**NEW! Paddleshare Demo:** Join Kevin Murray from Sandy Hook Kayak and Sup Rentals on the parade ground as he talks about paddleboard and kayak safety for the bay.  
11:15 a.m., 12:15 p.m., 1:15 p.m. (20 minutes per session)

**PLEASE NOTE: SPECIAL PROGRAMS INVOLVE WALKING, INCLUDING SOME PORTIONS ON SAND. GATHER AT SIGN-UP TABLE 15 MINUTES BEFORE START TIME.**

## **TOURS - NO SIGN UP REQUIRED.**

**Go Seining!** Hop on the “**Bay Bus**” to learn how to seine for sea life in Sandy Hook Bay anytime between 11 a.m. to 3 p.m. Your NJSGC guide will identify the native organisms collected before releasing them back into the bay. Visit the NPS Park Ranger at Horseshoe Cove for a mini beach cleanup.

**Nike Missile Radar Site Tour:** Led by Army Nike veterans, learn about the radar tracked supersonic missiles that guarded the New York-New Jersey metropolitan area during the Cold War Era. Tours run from noon to 4 p.m. Take the “**Bay Bus**” to get to and from the Nike Missile Radar site.

**Battery Gunnison:** From 11 a.m. to 4:30 p.m., volunteers from the Army Ground Forces Association wearing uniforms of World War II U.S. Army Coast Artillery will bring this battery back to life as it was in the 1940s. The Army Air Forces Historical Association will be interpreting the Army Air Forces’ role in the defense of New York - New Jersey during WWII at this same location. Take the “**History Bus**” to get to and from Battery Gunnison.

**Battery Potter:** Explore the massive, cave-like interior of America’s first concrete disappearing gun battery with a Park Ranger or volunteer from noon to 4:30 p.m. Take the “**History Bus**” to get to and from Battery Potter.

**History House, Officers Row Building #1:** Take a ranger-guided tour of this 1898 lieutenant’s quarters on “Officer Row” overlooking Sandy Hook Bay. It is furnished to the WWII era, the busiest time in the fort’s history. Tours available 1 - 5 p.m.

**NOTE: COMPLIMENTARY BUS AND NATURAL-GAS POWERED BUS TRANSPORTATION WILL BE PROVIDED TO ALL TOUR SITES FROM 11 A.M. TO 3 P.M. ONLY.**



*Sandy Hook schedule continued on next page*

## **WITHIN WALKING DISTANCE**

**Fort Hancock Museum:** Building #28: Learn about Fort Hancock the Army Base. noon to 4 p.m.

**Keepers Quarters:** Visit the house where the lighthouse keeper lived. 11 a.m. to 5 p.m.

**Mortar Battery:** Explore the first concrete battery built for coastal defense in the U.S.A. noon to 4:30 p.m.

## ***NOT TO BE MISSED!***

**Open House - NOAA Fisheries/James J. Howard Marine Sciences Laboratory:** Meet NOAA scientists on the cutting edge of ocean research and visit their laboratories. In addition, this “state-of-the-art” facility will offer special exhibits and activities exclusively for Ocean Fun Days visitors.

**Sandy Hook Child Care Center Open House:**  
Stop by the center to see what they have to offer.

**Character Corner:** Stop by and meet our larger than life characters! Take a selfie with a friendly shark or have a friend or family member capture your best pose with our ocean-dwelling mascots. Be sure to grab a free magnetic frame to hold your best picture. Characters will be available all day.

**Scavenger Hunt:** Visit exhibits displaying an Ocean Fun Days turtle flag to complete our Energy Scavenger Hunt. Pick your form up at the NJNG or NOAA tables. When you're done, claim your prize at the Character Corner.



**Student Speakers' Bureau**  
**Programs for Grades K-12**  
**NJNG Corporate Tours**  
**Energy Hog Assembly Program**  
**Free College Planning Workshops**  
**Conserve to Preserve Poster**  
**and Video Contests**

For these and other educational programs, please contact  
Carolyn Cannon, senior customer relations coordinator at 732-938-1035.

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NJNG's spirited sense of community is supported by our Volunteers Inspiring Service in Our Neighborhoods (VISION) program. Every year, our employees and retirees, with the help of their families and friends, generously give their own time to support community projects, contributing more than 5,000 hours of community service annually to various organizations throughout our service territory. Students are encouraged to participate in VISION events through activities including, letter-writing campaigns to our troops and beautification projects at local parks and beaches.

If your nonprofit organization needs a hand with an event or a project,  
contact us at 732-938-1074, or send an e-mail to [vision@njng.com](mailto:vision@njng.com).

All requests will be reviewed for consideration.

# WELCOME TO OCEAN FUN DAYS!

New Jersey Sea Grant Consortium is proud to present this event along with our founding partner New Jersey Natural Gas.

The New Jersey Sea Grant Consortium advances knowledge and stewardship of New Jersey's marine and coastal environment through research, education and extension.

**Visit [njseagrants.org](http://njseagrants.org) for our complete listing of programs, resources, and more!**



**Stop by our table to win a free week of our  
Marine Science Summer Day Camp.**



## Enjoying Ocean Fun Days? Let us know!

Your suggestions could help add even more fun in the future!

**LOOK FOR OUR ROAMING  
SURVEYORS AND SHARE YOUR  
THOUGHTS WHILE YOU'RE  
ENJOYING THE DAY.**



# Ocean Fun Days Exhibitor's List 2018

- American Littoral Society
- American Institute of Architects
  - AmeriCorps/NJ Watershed Ambassador Program
- Army Ground Forces Association
  - Asbury Park Press
  - Barnegat Bay Partnership
- Berkeley Twp Underwater Search & Rescue
  - Clean Ocean Action
- Clean Water NJ/NJ Water Savers
  - Conserve Wildlife Foundation of New Jersey
    - EarthShare New Jersey
  - Fairleigh Dickinson University
- Friends of Island Beach State Park
- Gateway National Park Service
  - Island Beach State Park
- Jacques Cousteau National Estuarine Research Reserve
  - Jenkinson's Aquarium
- Lacey Township Schools Science
  - Marine Academy of Science & Technology (MAST)
- Marine Academy of Technology & Environmental Science (MATES)
- Marine Mammal Stranding Center
  - Middlesex County College
  - Monmouth County Master Gardener/Master Composter
    - Monmouth University
  - Montclair State University
- New Jersey Clean Energy Program
  - New Jersey Lighthouse Society
    - New Jersey Natural Gas
- New Jersey Sea Grant Consortium
  - New Jersey Sea Grant Extension
    - NJ Beach Buggy Association
- NJDEP Division of Fish & Wildlife
  - Clean Vessel Act
- NJDEP Division of Fish & Wildlife Marine Fisheries
- NJDEP Division of Parks and Forestry
  - NJ Friends of Clearwater
    - NOAA Fisheries
- Ocean County Business Development and Tourism
  - Ocean County College
- Ocean County Department of Solid Waste/Recycling
  - Ocean County Library
- Ocean County Master Composter Program
  - Ocean County Mosquito Extermination Commission
- Power Save Schools — Catrambone School
  - ReClam the Bay
- Rutgers Cooperative Extension Water Resources Program
- Rutgers The State University of NJ/Dept of Biochemistry and Microbiology
  - Sandy Hook Child Care Center
    - Save Barnegat Bay
- Stevens Institute of Technology
  - Sustainable Jersey®
    - Tow Boat US
- U.S. Coast Guard Auxiliary

Spreading the news about  
**conserving energy and preserving**  
our Jersey Shore coastal resources.

PROUD TO SUPPORT



15<sup>th</sup> Annual

# Ocean Fun Days! 2018



**app.**

Subscribe today at [APP.com/subscribe](http://APP.com/subscribe)  
or call 1-800-822-9779

*Thank you for being a part of*



**Making our environment better together**

**SEE YOU IN 2019!**

**Saturday, May 18, 2019**

**Island Beach State Park**

**Seaside Park**

**Sunday, May 19, 2019**

**NJ Sea Grant Consortium**

**Sandy Hook**

Conserve to Preserve®



**New Jersey  
Natural Gas**