# Fishing Tournament

GOV. SURF FISHING TOURNAMENT =

## **Fishing Volunteers** Needed

Join NJDEP Fish & Wildlife as a Fishing Education Instructor! Share your passion for fishing with others at workshops, events and programs. You don't have to be expert angler and don't need any teaching experience to help others learn to fish. For more information email njfishingr3@dep.nj.gov.

# Make Hunting & Fishing **Dreams Come True!**

**Hunt of a Lifetime** is a nonprofit organization that grants hunting and fishing dreams to children, age 21 and under, who have been diagnosed with life threatening illnesses.



If you are interested in helping a child live their dream, please contact us for more information.

Toll Free 814.572.4387 HuntofaLifetime.org

# Mark your calendar for the **Governor's Surf Fishing Tournament!**

# May 18, 2025 **Island Beach State Park.** Seaside Park

Come celebrate the 34th year of the Governor's Surf Fishing Tournament! Enjoy a great day of surf fishing with family and friends.

The individual who catches the overall largest fish wins the "Governor's Award" and will have their name engraved on the Governor's Cup, which is permanently displayed at Island Beach State Park. Prizes are awarded to winners in a variety of age group and fish species categories.

All funds raised by the tournament go toward improving beach access, surf fishing instruction programs and equipment, plus marine education and restoration projects.

The tournament is sponsored by NJDEP Fish & Wildlife, NJDEP State Park Service, New Jersey State Federation of Sportsmen's Clubs, Jersey Coast Anglers Association and New Jersey Beach Buggy Association.

Thank you to the 2024 Donors: Charlie's Bait 'n' Tackle, Grumpy's Tackle, Reel Seat and Celebrity Ford.

#### For more information, visit:

dep.nj.gov/njfw/fishing/marine/governors-surffishing-tournament/ or email karen.byrne@ dep.nj.gov



Hencheck/NJDEP Fish & Wildlif

Jonathan Dziekan (center) of Bayonne won the 2024 Governor's Cup, with a 36 3/4" Black Drum!



We specialize in matching rods, reels, line, leader and lures to catch your favorite fish, whether your passion is for saltwater or freshwater fishing.

We are a DAIWA warranty center and have an extensive stock of Daiwa rods and reels. Brands are too numerous to name all. Here are some of our hottest sellers: DAIWA • ST. CROIX • TSUNAMI • PENN SHIMANO • AVET • ACCURATE GAMAKATSU • MUSTAD • EAGLE CLAW • VMC RAPALA • SENKOS • KEITECH Z-MAN • BERKLEY • SPRO • BLUE FOX MISSILE BAITS • DO-IT MOLDS Check website for hours

**101 ROUTE 46 EAST, SUITE 128** PINE BROOK, NJ 07058 973-575-1972 tackle@fairfieldfishing.com



**NEW JERSEY STATE FEDERATION** OF SPORTSMEN'S CLUBS

**Annual Convention** and Sportsmen's Jamboree\* April 25-26, 2025

#### \*Convention to be held at:

Holiday Inn Philadelphia South-Swedesboro, Swedesboro, NJ Friday, April 25, 2025, 4 p.m. to 10 p.m., with

Awards Ceremony Dinner on Saturday at 5 p.m.

# \* Sportsmen's Jamboree to be held:

Gloucester County Dream Park. Logan Twp., NJ

Saturday, April 26, 2025, 9:00 a.m. to 5:00 p.m. Come see NJ's most outstanding deer from 2023-24 and everything for the outdoor enthusiast.



- Join us at both locations for science-based wildlife management and
- hunting/fishing/trapping-related presentations and interactive discussions. This 2-day event is co-hosted by the New Jersey State Federation of Sportsmen's Clubs, Inc., and its affiliates.

For details, go to www.njsfsc.org



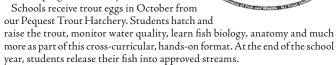
# New Jersey's Hooked on Fishing Program

Fishing is an activity that can be started at any age by any person, regardless of gender, physical size or athletic ability. The goal of New Jersey's Hooked on Fishing – Not on Drugs (HOFNOD) program is to encourage school-age children to avoid tobacco, drug and alcohol usage by providing alternative activities that involve learning to fish, appreciating aquatic and environmental resources, and developing positive life skills. The pro-

gram will provide students with access to extracurricular outlets that utilize New Jersey's incredible outdoor recreational assets. NJDEP Fish & Wildlife wants to partner with schools, community- and faith-based youth organizations willing to provide ongoing and sustained engagement in HOFNOD activities throughout the year. For more information, visit hofnod.nj.gov.

### Trout in the Classroom (TIC)

Trout in the Classroom (TIC) is a science-based program that teaches children the importance of coldwater conservation through a hands-on learning approach. More than 40,000 New Jersey students participate in the TIC program annually.



Trout in the Classroom is an exciting, inexpensive program enlivening year-round curricula nationwide. For more information about the TIC program, visit dep.nj.gov/njfw/education/trout-in-the-classroom.







#### By Christopher Smith,

Principal Fisheries Biologist

ew Jersey's picturesque rivers, lakes and estuaries have long been a haven for native plants and animals. Yet, hidden below the surface lies the growing threat posed by numerous Aquatic Invasive Species (AIS). These unwelcome guests threaten to disrupt the balance of our aquatic ecosystems, jeopardizing the biodiversity, habitats, and even the economy of our state.

The Northern Snakehead has attracted considerable attention due to its rapid propagation, extensive distribution and the frequency with which anglers encounter it. Our dedicated biologists at NJDEP Fish & Wildlife have monitored its spread since its introduction, recognizing its potential to disrupt our aquatic ecosystems.

# What do all these words mean?

The terminology used to describe subtle differences in the status and impacts of various species can be confusing. First, species are either native or nonnative. The term native is a synonym for indigenous, both referring to a species that naturally occurs in an area without human intervention. Non-native is a term used for species that were intentionally or unintentionally moved beyond their native range by means of human activity. Synonyms for nonnative include non-indigenous, introduced, alien and exotic. Naturalized species are non-native species that have an established population beyond their native range. Wild does not refer to a species' historic range, but it only means that a species is born in the wild, in the case of fish, it means not stocked and born naturally in the wild. Invasive species are non-native species that are naturalized and that may cause ecological or economic harm.

# **Potentially Dangerous Fish** Regulation

In New Jersey, the term Potentially Dangerous Fish is used with regulatory purpose and indicates an elevated threat level of select invasive species. The possession or release of live, Potentially Dangerous Fish is strictly prohibited. The Northern Snakehead and Flathead Catfish are two of our commonly known species; however, the following are also included: Asian Swamp Eel, Bighead, Grass (diploid), and Silver Carp, Blue Catfish, Brook Stickleback, Green Sunfish, Oriental Weatherfish, Round Goby, Warmouth and all black bass, except for Largemouth and Smallmouth Bass. Anglers MUST destroy these species regulated as Potentially Dangerous Fish if encountered while fishing and should submit specimen(s) or photos to a NJDEP Fish & Wildlife fisheries biologist for verification. To reach a regional biologist, call 908-236-2118 (north), 609-223-6076 (central) or 856-629-4950 (south). Photos and reports can also be submitted to Christopher.Smith@dep.nj.gov.

#### **Invasive Catfish**



#### **Blue Catfish**

Anal fin straight (30–36 rays) Deeply forked caudal fin



#### **Flathead Catfish**

Lower jaw extends past upper jaw Short rounded anal fin (14–17 rays)

#### **Non-Invasive Catfish**



#### **Channel Catfish**

Rounded anal fin (25–30 rays) Deeply forked caudal fin



#### Vhite Catfish

Rounded anal fin (22–24 rays) Moderately forked caudal fin Bear Environment Cartish illustrations by Duane Raver

# Are all *Non-native* Fish managed as *Potentially Dangerous*?

No. Many non-native fish are not identified as Potentially Dangerous Fish for many reasons. Some have been naturalized within our ecosystems for 100 years or longer and some are valued as sport fish. Although an invasive species, Common Carp are NOT regulated as Potentially Dangerous Fish as they are already found in most waters throughout the state. As such, Common Carp do not have to be destroyed when caught by anglers. Where it gets very tricky is that some non-native species are considered invasive if found in certain habitats. Brown Trout are a prime example of a non-native species that causes ecological harm to native Brook Trout (as Brown Trout are considered invasive in some places), but are valued and managed for angling in other watersheds (not invasive in other places).

#### What Can Be Done?

The introduction of AIS poses significant and farreaching impacts to New Jersey's waters. They often outcompete native species for resources, alter habitats at the expense of native flora and fauna, and detrimentally affect recreational activities such as fishing and boating. They even have adverse impacts on local economies tied to tourism and outdoor activities. These interconnected consequences emphasize the critical importance of addressing and mitigating the spread of Aquatic Invasive Species in New Jersey.

NJDEP Fish & Wildlife is very concerned about the threat posed by AIS and has implemented several measures to combat this issue effectively. These efforts include the development of a Statewide Aquatic Invasive Species Management Plan that will steer future monitoring and research, control and eradication, regulations, and education and outreach.

Fish & Wildlife is excited to announce that we recently completed the New Jersey Aquatic Invasive Species Management Plan and received approval by the U.S Fish and Wildlife Service, Aquatic Nuisance Species Task Force in May 2024. The plan was developed through a partnership with NJDEP Division of Science and Research, NJDEP Fish & Wildlife,

NJ Water Supply Authority and Little Bear Environmental Consulting. With the plan's approval, New Jersey is now eligible for federal funding to support aquatic invasive species program coordination. The plan will serve as the primary guidance document for NJDEP to lead the charge against invasive species in the state. For further information on the plan, species information and invasive species projects, follow the links below.

#### New Jersey Aquatic Invasive Species Management Plan

dep.nj.gov/invasive-species/aquatic-management-plan/

# NJDEP Invasive Species Page dep.nj.gov/invasive-species/

Invasive species are likely to cause environmental harm to the state's fisheries resources by outcompeting our native species AND our preferred game fish species, regardless of their origin. The battle against these invaders requires ongoing vigilance, cooperation from the public, and continued research and innovation. Protecting our aquatic habitats and native species is not just an environmental responsibility but also a necessity for all residents of the Garden State.

# **Angler Alert!!!!**

New Jersey faces many other AIS threats in addition to fish ... More than 100 species of AIS have been identified and categorized in various stages of threat level, ranging from the watch list to well established. Species such as Hydrilla, New Zealand Mud Snail and Red Swamp Crayfish are a few that anglers may encounter and can also be reported.

