

# New Jersey Aquatic Invasive Species Management Plan

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New Jersey Water Supply Authority

New Jersey Invasive Species Conference

October 5, 2022



# Aquatic invasive species (AIS) can be...



Plants - 21



Invertebrates - 9



Fish - 17



Reptiles/Amphibians - 1



Mollusks - 9



Mammals/Birds - 1



Pathogens/Disease/  
Parasites - 2



Algae/Diatoms

Jury is still out on  
Didymo

# The Regional Panels of the Aquatic Nuisance Species Task Force

**Western**  
(Members include: AK, AZ, CA, CO, HI, ID, KS, MT, ND, NE, NM, NV, OK, OR, SD, TX, UT, WA, WY and Guam - Estab. 1997)



**Great Lakes**  
(Members include: IL, IN, MI, MN, NY, PA, OH, WI - Estab. 1991)



**Northeast**  
(Members include: CT, MA, ME, NH, NY, RI, VT - Estab. 2001)



**Mid-Atlantic**  
(Members include: DE, DC, MD, NC, NJ, NY, PA, VA, WV - Estab. 2003)



**Mississippi River Basin**  
(Members include: AL, AR, CO, IA, IL, IN, KS, KY, LA, MN, MO, MS, MT, NC, ND, NE, OH, OK, PA, SD, TN, TX, VA, WI, WV, WY - Estab. 2002)



**Gulf and South Atlantic**  
(Members include: AL, FL, GA, LA, MS, NC, SC, TX - Estab. 1999)



June, 2010  
Graphics by Don MacLean, USFWS

# MAPAIS

- Coordinates AIS management, policy, education, and outreach initiatives at a regional level
- Meetings twice per year
- Funds AIS research, education/outreach, innovative management projects, & state AIS plan development
- In 2022, NJ received \$20,000 in funding from MAPAIS for AIS management plan development!

## Mid-Atlantic Panel on Aquatic Invasive Species



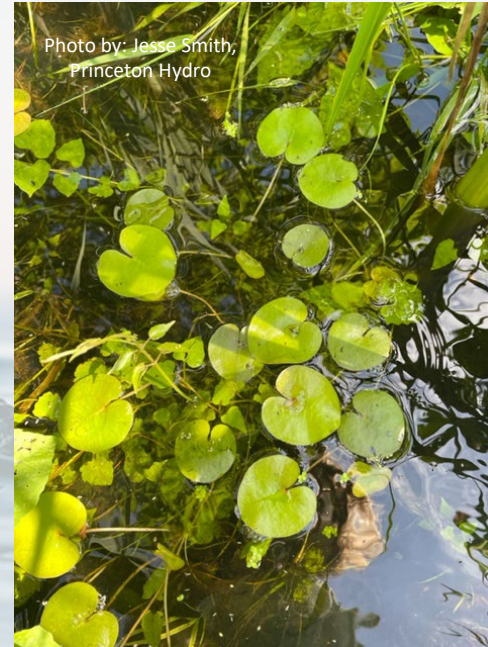
### NJ representatives:

- Chris Smith, NJ Fish & Wildlife
- Heather Desko, NJ Water Supply Authority
- Dr. Julie Lockwood, Rutgers University



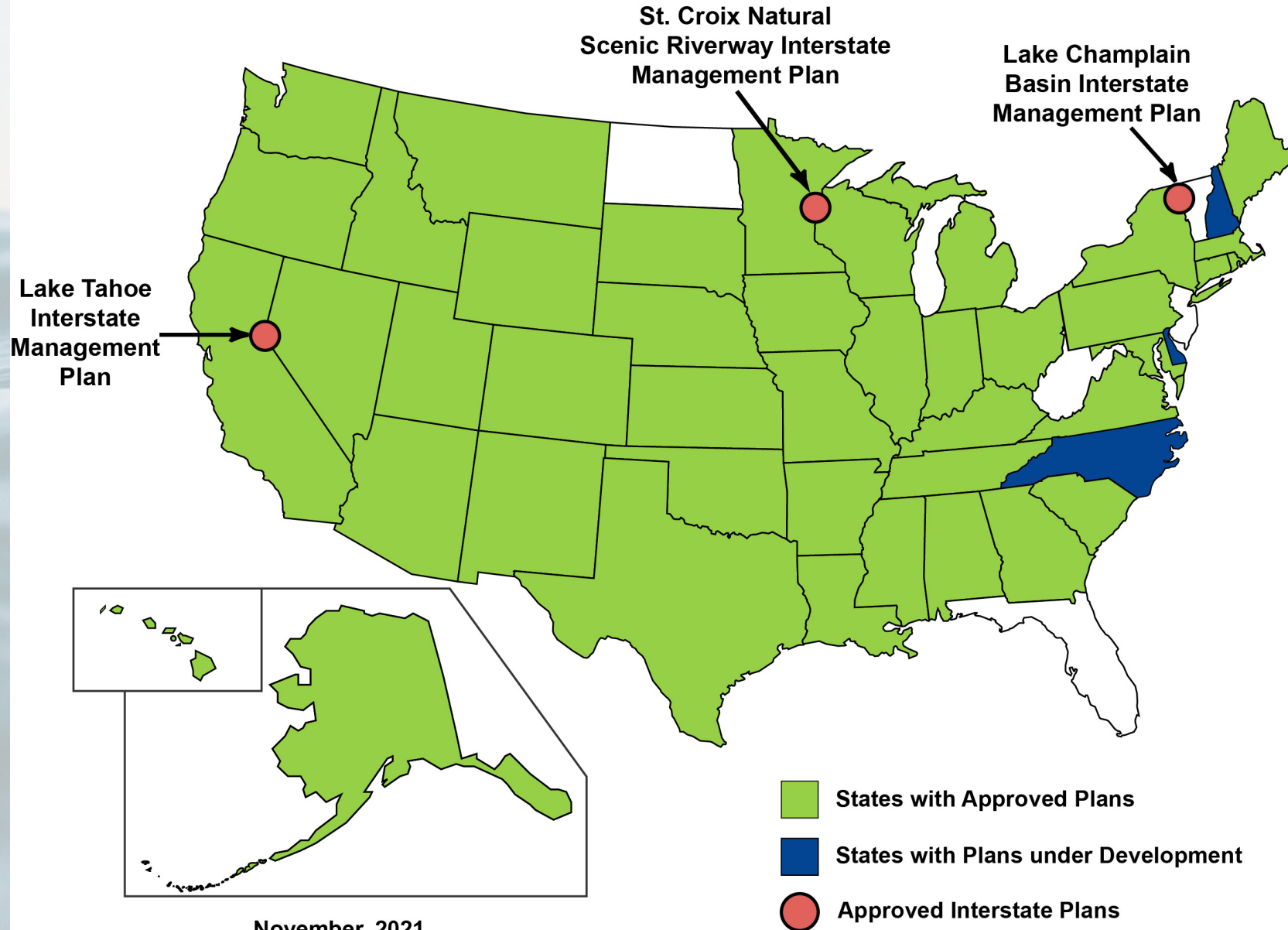
# Aquatic Invasive Species Management Plan

- Coordinate statewide AIS management efforts, priorities, and needs
- Guide monitoring and response efforts statewide
- Evaluate opportunities for AIS prevention
- Establish & maintain funding sources for spread prevention, control, eradication
- An approved plan allows for states to apply for federal funding for implementation



# Status of State ANS Management Plans

(45 Approved Plans - 42 State, and 3 Interstate)

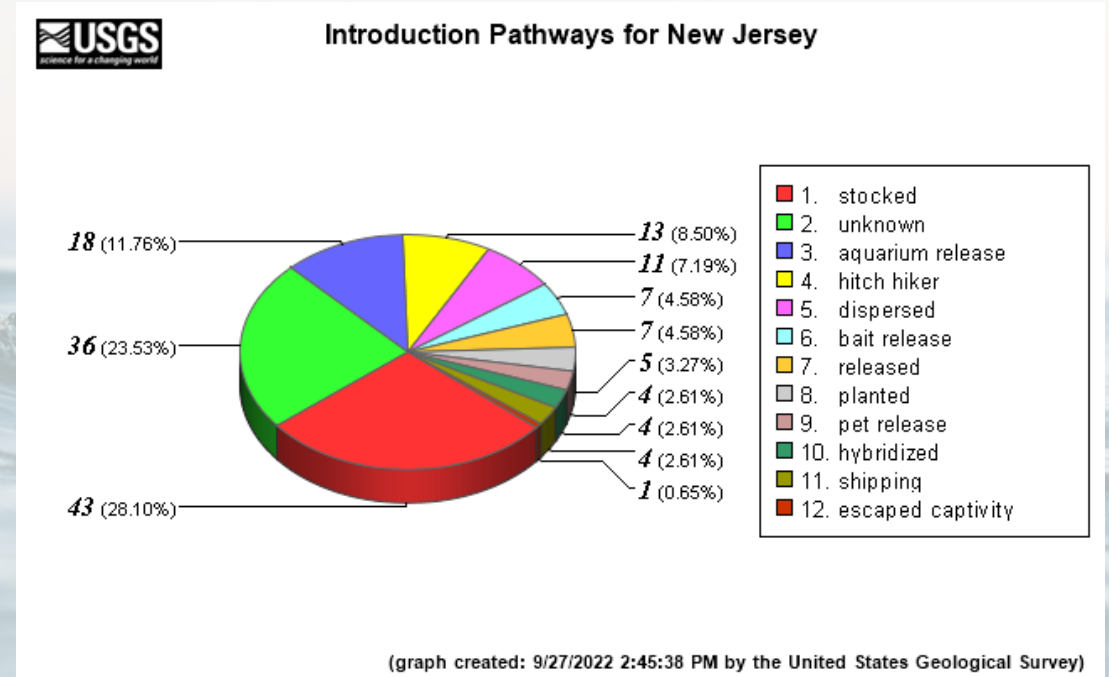


November, 2021

Graphics by Don MacLean, USFWS

# AIS Management Plan Background

- Identify status of AIS species in NJ
- Identify pathways of introduction for existing & potential AIS
- Review ongoing/completed management and control efforts
- Review existing AIS-related regulations in NJ and other states



# Statewide Management Priorities & Needs

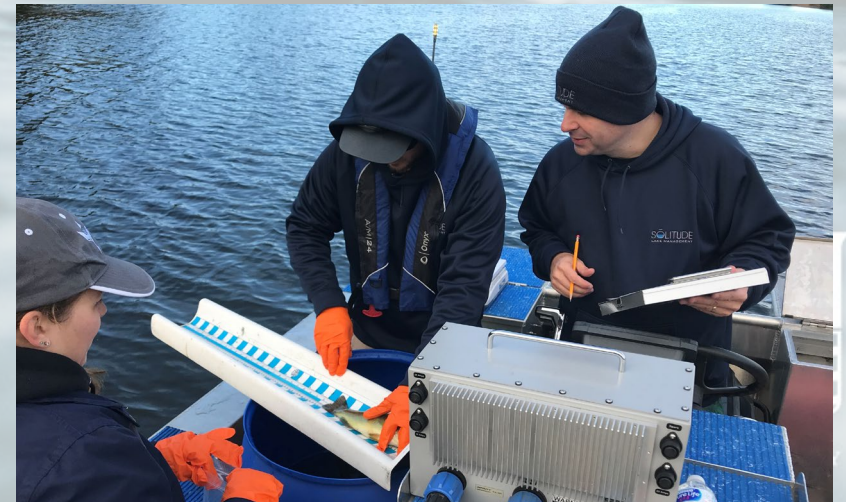
- Intra- and interstate coordination
  - State AIS coordinator position
- Ecological Risk Assessments & prioritization
- Prevention and educational opportunities





# Monitoring, Detection, & Response

- Establish monitoring programs
- Statewide reporting
- Rapid Response Plan
- Citizen science programs/challenges



# NJ AISMP Timeline

July 2022

- Award of MAPAIS Funding

September 2022

- Develop SOW

October 2022

- Solicitation to potential contractors

Dec 2022/Jan 2023

- Begin work

April 2023

- Draft Plan

August 2023

- Final Plan for agency review/ approvals

Sept–Dec 2023

- ANSTF review
- NJ request for funding

# How Can You Participate?

- Report AIS sightings, especially emerging, Stage 0-1 species
- Submit AIS management, monitoring, and/or outreach projects
- Provide AIS expertise in plan development
- Review plan during public comment period



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