

A background image showing a USACE amphibious tugboat on a river. A person is visible on the boat. The text 'USACE Jacksonville District Updates' is overlaid in large white letters. Below the title, the names and titles of the speakers are listed in smaller white letters.

# USACE Jacksonville District Updates

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JON LANE, CHIEF OF INVASIVE SPECIES MANAGEMENT BRANCH  
CHELSEA BOHATY, BIOLOGIST

**Biologists catch record-breaking  
215-pound Burmese python in  
Florida Everglades**

# Jacksonville District Updates

- 18 foot long Python caught in picayune strand, heaviest python caught in the wild, and had the largest egg count.



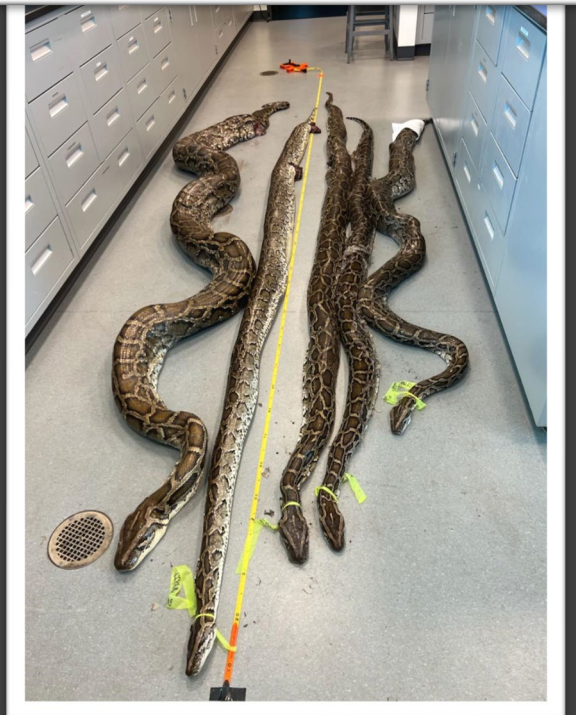
## Invasive Fish Work

- Fish slam in Venice Beach area
- Picayune Strand work upcoming

## Everglades Restoration

- Direct project funding provided for invasive species for the first time

South Atlantic Division – Aquatic Plant control meeting at Lake Seminole





# Alligatorweed Biocontrol Program

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- Caught approx. 15,000 insects so far this year
- Difficult year
  - FedEx complications
  - Lack of robust insect population
- If you'd like beetles to be sent your way in 2023, contact information below

[Chelsea.A.Bohaty@usace.army.mil](mailto:Chelsea.A.Bohaty@usace.army.mil)

(904) 232 2263



# Aquatic Plant Control Program (APC)



## The Aquatic Invasive Species Problem

The National Invasive Species Council estimates the economic cost of invasive species to Americans is \$137 billion annually. Aquatic invasive species threaten our Nation's water resources, preventing or seriously hindering navigation, adversely affecting flood control, hydropower generation, and water supply, and seriously impeding recreational use by the public. Introductions of new aquatic invasive species occur every year and will expand if not addressed.

The U.S. Army Corps of Engineers (USACE) Aquatic Plant Control Program (APC) was authorized by the Rivers and Harbors Act of 1958 to support cost shared control of invasive species. The 1965 Rivers and Harbors Act expanded the scope of the APC Program to include research and development of cost effective solutions to invasive species problems. The Water Resources Development Act of 2014 modified the program to support cost shared activities on inspection stations, monitoring, and early detection rapid response. Every WRDA since has modified this portion of the program to expand program authority and geographic extent.

## Authorization(s)



## Aquatic Pest Control Cost Share



The cost share program supports work on invasive species management including inspection stations, early detection rapid response, monitoring, and control activities with non-Federal sponsors. The cost share program offers a unique opportunity for non-Federal sponsors to proactively partner with the USACE to control and reduce environmental and economic damages resulting from aquatic invasive plants. Control activities include biological, chemical, and mechanical control of invasive species and are often combined to develop integrated management plans.

Currently, inspection stations are authorized in the Columbia, Upper Missouri, Upper Colorado, Arkansas, South Platte, and Russian River basins and areas along the US/Canada border. Current activities directed by Congress include control of hydrilla and flowering rush; both are highly invasive aquatic plants.

The Aquatic Plant Control Research Program (APCRP) is the Nation's only Federally authorized research program providing the capabilities to manage invasive aquatic plant species. The objective of the APCRP is to develop cost-effective, environmentally compatible (or sustainable) aquatic plant management technologies, which address national needs and priorities in water resources management.



## Research Staff, Facilities, and Cooperators



The USACE research team consists of a significant cadre of scientists and engineers with state-of-the-science knowledge in a variety of disciplines, such as, chemistry, ecology, hydrology, genetics, botany, modeling, and geospatial analysis. Multidisciplinary research teams are tasked with the development of new herbicide technology, improved monitoring technology, and development of biocontrol agents to manage invasive species. State-of-the-art research laboratories and facilities are in Mississippi, Illinois, New Hampshire, Virginia, and Texas. The coordination of research and technology development is continuous and maintained with a national and international network of cooperators.

The APC Program, including the APCRP, is authorized at \$130M and has not been in the President's budget since 2010. Both programs remain active but are limited to Congressionally directed activities.

## Funding Levels

## States



Over the last two years, the program has addressed problems in the following states: Alabama, Arkansas, California, Connecticut, Florida, Georgia, Illinois, Indiana, Louisiana, Massachusetts, Michigan, Minnesota, Mississippi, Montana, New Hampshire, New Jersey, New York, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, Tennessee, Texas, Vermont, Washington, and also the territory of Puerto Rico.

[apcrp.el.erdc.dren.mil/](http://apcrp.el.erdc.dren.mil/)

## Research and Development Website

# Contact Information

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