



# Aquatic Invasive Species News

July 29, 2024

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## INVASIVE SPECIES AND THE SUMMER OLYMPICS:

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[The Olympic windsurfers and rowers fighting invasive alien species \(7/28/24\)](#)

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## MUSSEL ALERT:

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### [CPW announces discovery of Zebra Mussels in the Colorado River and Government Highline Canal \(7/16/24\)](#)

Colorado Parks and Wildlife (CPW) announces the discovery of zebra mussel veligers in the Colorado River and Government Highline Canal after routine testing in early July.

On July 1, staff from CPW's Aquatic Nuisance Species (ANS) team collected a plankton sample from the Government Highline Canal near Clifton. This sample was evaluated at the ANS Lab in Denver where a suspected single zebra mussel veliger was found. The Sample was then sent to CPW's Aquatic Animal Health Lab (AAHL) for further analysis. On July 9, the lab notified Robert Walters, Invasive Species Program Manager, that the sample was positive for zebra mussel DNA.

On July 8, CPW ANS staff collected plankton samples from two locations in the Colorado River upstream of the Grand Valley Water Users Canal diversion. On July 10 ANS technicians identified single suspect zebra mussel veligers in both samples. The samples were sent to the AAHL for confirmation. On July 11, the lab confirmed the samples were positive for zebra mussel DNA.

With single detections in both waters, these locations are now considered "suspect" for the presence of zebra mussels. In response to this detection, CPW has initiated their Invasive Species Rapid Response Plan and increased sampling is underway to determine if the classification

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should be changed to “positive,” a designation given when two or more subsequent sampling events detect mussel veligers in a water body.

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[CPW provides an update on the discovery of zebra mussel veligers in the Colorado River and Government Highline Canal \(7/26/24\)](#)

Colorado Parks and Wildlife (CPW) announces additional zebra mussel veligers found in the Colorado River and Government Highline Canal after increased testing. With these additional detections, both the Highline Government Canal and the Colorado River meet the criteria for being considered “positive” for zebra mussels.

After the discovery of zebra mussels in the Government Highline Canal and Colorado River, CPW initiated an Invasive Species Rapid Response Plan and increased sampling efforts in the Colorado River from Glenwood Springs down to the Colorado/Utah border and within the Highline Government Canal.

Through these sampling efforts, one additional zebra mussel veliger was discovered and confirmed in the Government Highline Canal and two additional veligers were discovered and confirmed in the Colorado River at two separate locations between Deb Beque and Grand Junction. There have been no veligers found upstream of the Beavertail Mountain Tunnel in the De Beque Canyon nor have any adult mussels been found in the Colorado River or the Government Highline Canal.

“These results will help guide us on the next steps as we continue working closely with our partners to work on a plan to protect our natural resources and infrastructure crucial to the Grand Valley, including our goal of locating the source,” said CPW Director Jeff Davis.

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## PUBLIC COMMENT

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The Aquatic Nuisance Species Task Force (ANSTF) Outreach Subcommittee, with the support of the US Fish and Wildlife Service and Sea Grant, is administering an aquatic invasive species (AIS) outreach needs assessment in advance of a national workshop on AIS outreach hosted at the North American Invasive Species Management Association (NAISMA) Conference later in the year. The goal of the workshop is to address aspects of the National AIS Outreach Assessment completed by the ANSTF Outreach Subcommittee. This workshop is supported by the Department of the Interior, using funds from the Bipartisan Infrastructure Law, to help meet the President’s conservation goals set through the America the Beautiful Initiative. The responses from this survey will also be used to inform future work strategic planning efforts by the ANSTF, regional panels, and others working with AIS outreach.

If you do any sort of aquatic invasive species outreach for your job we would welcome your input in this survey, which should take about 15 minutes to complete. Feel free to send it along to anyone that you think might be interested in completing it. **We will be collecting responses through the middle of August.** Results will be made available through presentations and a final report.

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Survey link - [https://uwmadison.co1.qualtrics.com/jfe/form/SV\\_5cZlvuidhGAgeN0](https://uwmadison.co1.qualtrics.com/jfe/form/SV_5cZlvuidhGAgeN0)

Contact Tim Campbell (tim.campbell@wisc.edu), the ANSTF Outreach Subcommittee chair, if you have any questions, comments, or concerns about this survey.

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[Agency Information Collection Activities; Submission to the Office of Management and Budget for Review and Approval; Watercraft Inspection and Decontamination Regional Data-Sharing for Trailered Boats](#)

Printed version: PDF | Publication Date: 07/18/2024 | Agency: Department of the Interior | Dates: Interested persons are invited to submit comments on or before August 19, 2024. | **Comments Close: 08/19/2024**

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## NEW SPECIES & SIGHTINGS

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Want to get more new species alerts?

USGS NAS: <https://nas.er.usgs.gov/AlertSystem/default.aspx>

IMAP INVASIVES: <https://www.imapinvasives.org>

Dreissenids:

[Colorado] (see above)

[Minnesota]

[Zebra mussels confirmed in Union Lake in Polk County, First Silver Lake and Heilberger Lake in Otter Tail County \(7/15/24\)](#) The Minnesota Department of Natural Resources has confirmed the presence of zebra mussels in Union Lake, near Erskine in Polk County; First Silver Lake, near the town of Battle Lake in Otter Tail County; and Heilberger Lake, near Erhard in Otter Tail County.

[Zebra mussels confirmed in Grove Lake in Pope County, Charlotte Lake in Todd County \(7/22/24\)](#) The Minnesota Department of Natural Resources has confirmed the presence of zebra mussels in Grove Lake, near the town of Grove Lake in Pope County, and Charlotte Lake, near Long Prairie in Todd County.

[Missouri] [MDC confirms invasive zebra mussels in Longview Lake \(7/26/24\)](#) Missouri Department of Conservation (MDC) fisheries staff in the Kansas City area recently found invasive zebra mussels in Longview Lake in Jackson County – the most recent discovery of the invasive species in the state. While some other lakes in the area have known infestations of the invasive species, this is the first discovery in Longview Lake.

[Oklahoma] [Dreissena polymorpha \(zebra mussel\)](#) was found in Tom Steed Lake dam [[USGS NAS](#)]

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Other:

[California]

[Procambarus clarkii \(Red Swamp Crayfish\)](#) was found in Placerita Creek, Santa Clara [[USGS NAS](#)]

[Apalone spinifera \(Spiny Softshell\)](#) was found in Pollywog Lake, Manhattan Beach, CA [[USGS NAS](#)]

[Oklahoma] [Invasive Hydrilla Plant Confirmed in Robert S. Kerr Reservoir \(7/3/24\)](#) Invasive hydrilla, an aquatic weed, has been confirmed for the first time in Robert S. Kerr Reservoir in far eastern Oklahoma, according to the Oklahoma Department of Wildlife Conservation. This aquatic nuisance species (ANS) was confirmed by ODWC fisheries biologists after being reported by a citizen. [[USGS NAS](#)]

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## WATCH LIST

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- Alaska: Report your sightings via the [ADF&G Invasive Species Reporter](#) or by calling the Invasive Species Hotline: 877-INVASIV (877-468-2748). If you locate invasive green crab on Annette Islands Reserve, you can call 907-886-FISH to make a report.
- British Columbia: Take a photo, put it back where you found it, and email the information about where you saw it and when to: [AISPACIoFIC@dfo-mpo.gc.ca](mailto:AISPACIoFIC@dfo-mpo.gc.ca)
- Washington: Take a photo, put it back where you found it, and report suspect crabs here <http://wdfw.wa.gov/greencrab>
- Oregon: Retain green crab caught in your gear - it is illegal to return them to state waters. They are part of your “Other Shellfish” daily catch limit. Try them as food with the rest of your catch. Do not mutilate or kill any crab while you are crabbing.

[5 invasive pests to look out for in WA and how to report sightings](#)

[Destructive forest pest, the emerald ash borer, arrives in Oregon; public asked to report sightings](#)  
[Cover your ash: Keep an eye out for the emerald ash borer in Washington](#)

[Invasive oak borer beetle worries Oregon forestry officials](#)

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## DREISSENIID MUSSELS

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[New measures introduced to combat the 46 aquatic invasive species in Idaho \(7/1/24\)](#) The Idaho State Department of Agriculture (ISDA) is implementing new measures to fight against aquatic invasive species. Starting July 1 new laws go into effect, including requirements for removing drain plugs, mandatory inspection and decontamination for out of state watercraft and local watercraft inspection stations.

[Washington on guard for troublesome mussel found in Idaho last year \(7/1/24\)](#) Washington is upping efforts to keep an invasive freshwater mussel from gaining a shell-hold in the state's rivers and lakes, using tactics ranging from DNA testing to shellfish-sniffing dogs.

[Fight is on to stop spread of invasive zebra mussels in St. John River, New Brunswick \(7/8/24\)](#) Council taking action a year after zebra mussels were discovered in the watershed

[Another adult zebra mussel found in Clear Lake, Manitoba, suggesting invasive species is established in Riding Mountain \(7/19/24\)](#) Parks Canada not yet certain whether to deploy potash around Boat Cove, though curtain still coming

Related: [Southwestern Manitoba First Nation's powwow a time to reflect after Clear Lake zebra mussel discovery \(7/21/24\)](#)

Related: [Parks Canada takes first steps to contain zebra mussels in Clear Lake \(7/24/24\)](#) -- an impermeable containment curtain will be installed July 29th once all the equipment has arrived at the site. The curtain will be installed from Boat Cove to the pier to isolate the area where the zebra mussel was found, from the rest of the lake.

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## BOAT INSPECTION/DECON

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[More than 18,000 boats inspected for quagga mussels during Fourth of July weekend \(7/8/24\)](#) The Utah Department of Natural Resources said in a news release that between Thursday and Sunday officials across multiple state and federal agencies inspected 18,831 boats and performed 364 decontaminations across Utah. Over that time, officers issued 161 citations and warnings.

[Thousands of invasive zebra mussels found on barge headed for B.C. waters, province says \(7/9/24\)](#) Inspectors with the BC Conservation Officer Service were called in after the provincial Mussel Defense Program was notified of a "high-risk" vessel being hauled from Ontario, the province said in a news release issued Saturday...Once inspectors located the barge – which was being transported in two pieces due to its "massive" size – it was taken to a facility in Richmond for decontamination, the province says.

[Lake Chelan introduces fast-track boat inspection to combat invasive species \(7/13/24\)](#) Lake Chelan now offers local boaters a fast-track option through the inspection process that seeks to protect the freshwater ecosystem from aquatic invasive species.

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## BALLAST WATER/BIOFOULING

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[To filter or not to filter? That is a question \(7/2/24\)](#) Industry expert, Giles Candy, discusses the pros and cons of filterless ballast water treatment systems

[IMO launches e-learning platform on ballast water management \(7/4/24\)](#) The International Maritime Organization (IMO) is launching an e-learning platform on ballast water management in international shipping.

[Has IMO called time on ballast water treatment? \(7/8/24\)](#) The D-2 standard's success from September 2024 will determine the longevity of ballast water treatment as a regulatory focus

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## MARINE

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[Scientists Seek Public Help To Prevent Spread Of Invasive Soft Coral Along Florida's Coast \(7/1/24\)](#) Public engagement is critical at this stage to address issues and raise awareness of activities that promote the spread of soft coral.

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## GREEN (5-SPINED) CRAB

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[F&G confirms verified expansion of invasive European green crab \(7/1/24\)](#) Earlier this month the Alaska Department of Fish and Game announced the verified expansion of invasive European green crab distribution in Alaska waters after finding 11 molted carapaces on the shore of Bostwick Inlet, Gravina Island on June 13.

Related: [Invasive crabs discussed ahead of awareness day \(7/25/24\)](#)

[One of the worst invasive species threatens WA waters. Here's what to do if you see it \(7/9/24\)](#) ... If a carapace or live European green crab is identified, it can be reported through WDFW, Washington Sea Grant, or through the MyCoast app (which trainings help familiarize volunteers with). Any live findings should be left in place after being reported.

[Claws for concern: The green crab epidemic threatening Washington clams \(7/26/24\)](#) As Washington's coastal habitats face increasing pressure, scientists are intensifying their research into the European green crab, an invasive species wreaking havoc on local ecosystems.

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## AQUACULTURE

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[Canada's support of UN's aquaculture guidelines rings hollow in B.C. \(7/20/24\)](#) Canada says new guidelines will be a tool to promote sustainable aquaculture domestically and abroad, even as it scales back salmon farming in British Columbia.

Bullen, C.D., Driscoll, J., Burt, J. et al. The potential climate benefits of seaweed farming in temperate waters. Sci Rep 14, 15021 (2024). <https://doi.org/10.1038/s41598-024-65408-3>

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## FRESHWATER

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[Team Tahoe Battling Aquatic Invasive Species \(7/18/24\)](#) Like the bacteria that cause harmful algal blooms, invasive species already in Lake Tahoe such as Asian clam, Eurasian watermilfoil, and curlyleaf pondweed thrive in warmer waters.

[Fight to remove invasive species from San Joaquin County wetlands continues \(7/18/24\)](#) California Department of Fish and Wildlife continues to try to get rid of giant swamp rats but the numbers keep growing.

[New approaches tried against invasive crayfish \(7/25/24\)](#) “In order to have a more efficient means of achieving eradication, we need other tools in our toolbox,” she said. Those tools include pesticide treatments, introducing predatory fish and adding lights to traps.

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## FISH

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[Invasive fish species dumped in Manitoba water bodies disrupting 'very delicate' ecosystems: fisheries manager \(7/21/24\)](#) Native fish populations once thrived, but some now declining because of illegally introduced predators

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## AQUATIC PLANTS

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[Sisyphus of the Slough: The Uphill Battle of Removing Invasive Aquatic Vegetation \(7/15/24\)](#) Over 25 years later, the battle against invasive aquatic vegetation in the Delta continues at an even accelerated rate, despite innovative management efforts.

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## CLIMATE CHANGE

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[Invasives Expand Ranges Much Faster Than Native Species \(7/22/24\)](#) Native species also can't move fast enough to avoid climate-driven chaos

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## OUTREACH AND EDUCATION

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[Minnesota: Statewide Aquatic Invasive Species PSA series is a hit \(7/3/24\)](#) The series "How Well Do You Know Minnesota?" provides Minnesota fun facts and information about aquatic invasive species. The series launched May 1st and will run through September.

[Don't Move a Mussel campaign returns to keep invasive mussels out of B.C. waters \(7/11/24\)](#) With the summer sunshine here and people planning to return to area lakes, the Okanagan Basin Water Board's (OBWB) outreach and education program, Okanagan WaterWise, is relaunching its annual "Don't Move a Mussel" campaign.

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## OTHER

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[Invasive Species: California's three-billion dollar problem \(7/14/24\)](#) In California, at least \$3 billion is spent annually on eradicating invasive pests, according to the University of California Riverside. The university adds that 80% of endangered species are threatened globally by invasive species, making them second to habitat destruction as the largest threats that native species face.

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## JOBS/GRANTS

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*New:*

- *The Office of Personnel Management launched a [new portal](#) as part of USAJOBS for students interested in applying for internships at federal agencies, billed as a "one-stop shop" for those interested in exploring a career in government.*
- *Are you ready to make a contribution to fisheries on the West Coast? Begin your job search and application process by searching for [specific jobs at PSMFC](#)*

**Jobs**

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Washington: Invasive Herpetofauna Strategist - Fish and Wildlife Biologist 3 - Permanent - \*08131-24 New

FULL-TIME/PERMANENT INVASIVE HERPETOFAUNA STRATEGIST FISH AND WILDLIFE BIOLOGIST 3 (BIO 3) Wildlife Program Olympia, Washington – Thurston County

As a senior-level biologist, lead efforts in natural resource assessment, conservation, and management by developing and implementing invasive herpetofauna management projects, focusing on assessments to control invasive herpetofauna species for the benefit of Washington's Species of Greatest Conservation Need.

Key responsibilities include coordinating invasive bullfrog control, interpreting and applying best scientific practices, staying current on research, and contributing to strategic planning and policy formulation.

Washington: Aquatic Invasive Species (AIS) Management Coordinator - WMS Band 3 -

Permanent - \*08431-24 Salary \$102,948.00 - \$117,132.00 Annually Location Thurston County – Olympia, WA Job Type Full Time – Permanent Remote Employment Flexible/Hybrid Job Number 2024-08431

Department Dept. of Fish and Wildlife Opening Date 07/22/2024 **Closing Date 8/26/2024** 11:59 PM Pacific

Invasive Species Program Support Specialist

Sheridan County Weed and Pest (County) | <https://www.scweeds.com/>

Posting: <https://www.scweeds.com/program-support-specialist>

Application Deadline: **open until filled**

Location: Sheridan, WY 82801, USA

Description

Sheridan County Weed and Pest (SCWP) is seeking an enthusiastic and driven invasive species program support specialist to assist the district in implementation of district programs in accordance with local, state, and federal guidelines.

The Invasive Species Program Support Specialist will participate in the following district programs: mosquito mitigation, grasshopper mitigation, leafy spurge biocontrol, weed-free hay certification, and right-of-way weed control. The successful applicant, under the direction of the district supervisor, shall assist with collection and identification of weed and insect specimens, testing of mosquitoes for presence of West Nile virus, distribution and monitoring of leafy spurge beetles, equipment maintenance and repair, public interaction and education, and more. Other duties include, but are not limited to, reports, grant applications, and data compilation. Duties will be highly variable depending on season and need. Most field activities occur during the summer and mid-winter, and office duties in the autumn and spring. Specific training in invasive species programs will be provided by SCWP.

Wyoming Game & Fish Department Multiple openings:

- 3 Aquatic Invasive Species (AIS) Specialist-Statewide These regional positions implement the AIS program to protect the state's aquatic resources and infrastructure from the introduction of AIS.

P2IP Project Manager:

The Upper Columbia United Tribes (UCUT) are in the process of reintroducing salmon to areas located upstream of Chief Joseph, Grand Coulee, and Spokane River dams. The Coeur d'Alene Tribe (CDAT), Confederated Tribes of the Colville Reservation (CTCR), Spokane Tribe of Indians (STI), and their consortium UCUT, are the leaders in returning anadromous fish to historically occupied habitats above these barriers. Collectively, they and their partners are implementing a 21-year plan to design, install, and test fish passage facilities and salmon reintroduction strategies. This plan is titled the Phase 2 Implementation Plan, or "P2IP." The UCUT organization and its member tribes have garnered policy support and secured funding for P2IP activities and are now seeking a project manager that can help keep P2IP implementation organized and focused.

The P2IP Project Manager will be responsible for administrative support to the UCUT organization. The position will report to the UCUT Policy Analyst and be expected to work closely with P2IP experts at three of the five UCUT tribes. This position will include six tasks: 1) project planning and initiation; 2) execution and coordination involving the UCUT organization, the member tribes, and regional partners; 3) risk management and issue resolution; 4) stakeholder coordination and communication; 5) project-specific budget tracking; and 6) project closure.

**The position will remain open until filled. Applications will be reviewed in the order received starting July 12, 2024. Interested candidates are encouraged to submit their applications promptly.**

[Washington – WDFW - Aquatic Invasive Species Technician - Scientific Technician 2 - Non-Perm - \\*04852-24 Fish Program – Fish Management Division Pasco, Washington – Franklin County Anticipated Appointment Length: 8 Months May 1, 2024 – December 31, 2024 Open until filled](#)

## Grants

### [Rapid Response Fund for Aquatic Invasive Species](#)

Department of the Interior  
Fish and Wildlife Service

This Notice of Funding Opportunity requests proposals for projects that support efforts to plan a response or deploy response measures to a new detection of a potentially invasive species. Response efforts must target an aquatic invasive species, defined as non-native plants or animals that reside in fresh, wetland, estuarine, or marine waters.

This Notice of Funding Opportunity will remain open until July 15, 2024, or until the Rapid Response Fund is depleted. Proposals will be accepted on a rolling basis; submitted proposals will be evaluated on a quarterly basis: Proposals submitted from **July 15 – September 15** will be evaluated with an anticipated award date of December 1. All proposals submitted for the Rapid Respond fund will be evaluated using the merit criteria.

### [U.S. Fish and Wildlife Service \(USFWS\) Invasive Species Eradication Funding Opportunity](#)

Requesting proposals that support the eradication of a newly introduced or established invasive species in terrestrial or aquatic habitats of the United States, including the U.S. territories (aquatic habitats include freshwater, wetland, riparian, estuarine, and marine environments).

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While preference will be given to proposals that result in eradication of invasive species, research proposals that advance the effectiveness and availability of eradication tools will be considered.

As part of the Bipartisan Infrastructure Law authorization for ecosystem restoration, the Department of the Interior (DOI) invested \$3 million to establish an Invasive Species Eradication Funding Opportunity. It is administered within the existing authorities of DOI and administered by the USFWS in collaboration with DOI bureaus. The intent of this funding opportunity is to promote and invest in those projects with a high likelihood of achieving eradication success and that have existing partnerships and plans in place.

Please note that projects responding to founding populations of aquatic invasive species within the early detection and rapid response context should instead apply for funding through the [Rapid Response Fund for Aquatic Invasive Species](#). Projects addressing established aquatic invasive species infestations with a high likelihood of eradication can apply for this Eradication Funding Opportunity.

General information about the funding for invasive species eradication can be found [HERE](#). Additional questions may be directed to myself at [jarrad\\_kosa@fws.gov](mailto:jarrad_kosa@fws.gov).

The Washington State Recreation and Conservation Office, on behalf of the Washington Department of Fish and Wildlife, is soliciting proposals for interagency agreement funding to support the response to the ongoing [European green crab emergency](#). Please visit <https://rco.wa.gov/about-us/employment-and-contracts/> for more information about the available funding for public agencies. **(Rolling deadline until funds fully allocated)** For more information on European green crab and the state response, please visit <https://wdfw.wa.gov/species-habitats/invasive/carcinus-maenas> and <https://wdfw.wa.gov/news/emergency-measures-deployed-control-invasive-european-green-crabs-washington-waters>

NOAA-NOS-ORR-2025-25974

[FY25 NOAA Marine Debris Removal under the Bipartisan Infrastructure Law](#)

Department of Commerce

DOC NOAA - ERA Production

**Closing Date: Jan 31, 2025**

This funding opportunity requires a Letter of Intent (LOI) to be submitted to [grants.marinedebris@noaa.gov](mailto:grants.marinedebris@noaa.gov) for competitive review before a full proposal can be submitted. LOIs must be submitted no later than 11:59 p.m. Eastern time, **LOI due September 27, 2024**. If invited, full proposals must then be submitted in Grants.gov (<http://www.grants.gov>) and validated by eRA on or before 11:59 p.m. Eastern time, January 31, 2025.

The NOAA Marine Debris Program (MDP) is a division of the NOAA Office of Response and Restoration. Authorized in the Marine Debris Act, codified at 33 U.S.C. § 1951 et seq., the NOAA MDP supports the development and implementation of marine debris assessment, removal, and prevention projects that benefit coastal habitat, waterways, and marine and Great Lake resources. Marine debris is defined as "any persistent solid material that is manufactured or processed and directly or indirectly, intentionally or unintentionally, disposed of or abandoned into the marine environment or the Great Lakes" (15 C.F.R. § 909.1). The mission of the NOAA MDP is to investigate and prevent the adverse impacts of marine debris.

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Through this solicitation, NOAA seeks to support large marine debris removal projects with funding available through the Bipartisan Infrastructure Law (PL 117-58). The overall objective of this funding opportunity is to support impactful, large marine debris removal projects that will improve the resilience of the coastal and marine environment. This competition considers impactful projects to be those that will have long-lasting, transformational benefits to marine and coastal NOAA Trust Resources, coastal communities, and/or local economies.

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## LEGISLATION

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### Advocacy

### State/Provincial

### Federal: Executive

### Federal: Congressional

#### [Bipartisan Water Resources Development Act Approved by House of Representatives \(7/22/24\)](#)

The Water Resources Development Act of 2024 (WRDA), [H.R. 8812](#), was overwhelmingly approved today by the U.S. House of Representatives, by a vote of **359 to 13**. WRDA authorizes the U.S. Army Corps of Engineers (Corps) Civil Works Program for projects to improve the nation's ports and harbors, inland waterway navigation, flood and storm protection, and other aspects of our water resources infrastructure. These are locally-driven projects that also deliver regional and national benefits for strengthening the nation's global competitiveness and supply chain, growing the economy, moving goods throughout the country, protecting communities from flooding, and more.

For AIS related items in [H.R. 8812](#) see the [July 2 AIS News](#)

**Now What:** The Senate Environment and Public Works Committee unanimously passed its own water projects authorization package in May ([S. 4367](#), See [May 29 AIS News](#) for AIS related items). S. 4367 should pass easily. The two bills will then go to conference with passage in the 118th Congress very likely.

#### [Nutria Eradication and Control Reauthorization Act of 2024 hearing Held](#)

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This nutria eradication bill ([H.R.8308](#)) had a [hearing](#) on July 9, 2024 in the House Subcommittee on Water, Wildlife, and Fisheries. The bill, introduced by Rep. Josh Harder (D-CA), now awaits a committee vote.

## Federal: Appropriations

### SENATE APPROPRIATIONS

#### [Senate Appropriations Committee Approves Commerce-Justice-Science, Interior-Environment, State and Foreign Operations, and Transportation-HUD Appropriations Bills \(7/25/24\)](#)

Washington, D.C. — Today, the Senate Appropriations Committee met for a full committee markup and approved the fiscal year 2025 Commerce, Justice, Science, and Related Agencies; Interior, Environment, and Related Agencies; State, Foreign Operations, and Related Programs; and Transportation, Housing and Urban Development, and Related Agencies appropriations bills. “It’s taken a lot of hard work to get here, but I’m pleased to say we have marked up another four strong, bipartisan bills, and we have shown once again that it is possible to make progress in a serious, bipartisan way when we bring solutions to the table, leave politics at the door, and listen to what folks back home are telling us about the programs and investments that make a difference in their lives every day,” said Senator Patty Murray (D-WA), Chair of the Senate Appropriations Committee. “I have emphasized throughout this process—and really as long as I have been in politics—that we cannot shortchange our families, we cannot shortchange our communities, we cannot shortchange our future. So I am glad this Committee is once again working to produce and pass funding bills that will make people’s lives better, address challenges we’re facing, and invest in our country’s future.”

### NOAA NATIONAL MARINE FISHERIES SERVICE

Bill can be found @ [S. 4795](#)

Report Language can be @ [S. Rept. 118-198](#)

AIS-related items in the report:

**Page 54 European Green Crab.** —The Committee remains concerned by the rapid and growing invasion of European green crab around the country, including in the Pacific Northwest. The Committee provides \$1,500,000 within Habitat Conservation and Restoration for management, intervention, and mitigation of invasive European green crab. The Committee directs NOAA to coordinate with the Bureau of Indian Affairs and the U.S. Fish and Wildlife Service to ensure a comprehensive Federal approach to addressing the threat posed by European green crab, mitigate harm, and protect native crab and other shellfish populations. Further, NOAA, in partnership with other relevant

agencies, shall jointly brief the Committee no later than 90 days after enactment of this act on the collective efforts to address European green crab.

**Page 59- Environmental DNA [eDNA].**—eDNA is a rapidly emerging technology that is powerful and cost-effective biological monitoring tool that has been used to monitor fisheries, invasive species, response to restoration and biodiversity in many marine areas. Current species and habitat assessments conducted with conventional monitoring provide a strong basis for understanding coastal structure and function, but they are often time-consuming, expensive, and subject to technical and resource limitations. Advances in eDNA methods and rapid reductions in analytical costs present an opportunity to harness this new technology and fundamentally improve our capacity to monitor marine biology to inform and evaluate management actions. The Committee directs NOAA to work with university partners to expand the eDNA program including designing and implementing an eDNA-based monitoring program. Methods used should be standardized, transferable, and repeatable to provide interoperable, consistent time series data, and to promote a unified approach to sample and metadata collection and processing.

**Commerce: Congressionally Directed Spending Items:** Prospect and Control Trapping for European Green Crab on Lummi Reservation Tidelands, Sen. Cantwell, \$ 1 million.

**DEPARTMENT OF THE INTERIOR, ENVIRONMENT, AND  
RELATED AGENCIES APPROPRIATIONS BILL, 2025**

Bill can be found @ [S. 4802](#)  
Report Language can be @ [S. Rept. 118-201](#)

AIS-related items in the report:

**U.S. FISH AND WILDLIFE SERVICE**

PAGE 33 —**Aquatic Invasive Species.**—The Committee recommends **\$50,541,000** for aquatic invasive species activities, an increase of \$398,000 to the enacted level. Within these funds, \$5,038,000 has been maintained to implement section 5(d)(2) of the Lake Tahoe Restoration Act (Public Law 106–506). Funding for research on hydrilla, eel, and milfoil invasive grasses is maintained at the enacted level.

**Non-Intrusive Zebra Mussel Elimination.**—The Committee recommends \$3,500,000 for zebra mussel eradication, equal to the enacted level. The Committee is aware of the environmental and economic threat posed by invasive quagga and zebra mussels.

**Invasive Carp.** —The Committee recognizes the importance of the work conducted by the Service to combat the serious threat of invasive carp and recommends \$31,000,000 for invasive carp activities, across invasive carp and Contract Fishing subaccounts. Overall, this funding is aimed at protecting and enhancing activities in the Great Lakes to prevent invasive carp from entering and establishing in the Great Lakes. Funding provided should also be used to control invasive carp in the Mississippi River and its Sub-basins, including the Upper Mississippi River Sub-basin; Missouri River Sub-basin; Arkansas-Red-White River Sub-basin; Lower Mississippi River Sub-basin; Tennessee Cumberland Sub-basin; and Ohio River Sub-basin, including in Kentucky Lake, Lake Barkley, and the Ohio River. The Service should consider the utility of creating a dedicated funding source to increase the intensity and geographic scope of efforts to prevent entry into the Great Lakes and control in areas where invasive carp are currently located. The Service is directed to continue to work with those States with existing cooperative agreements, including non-profits, to develop and implement innovative solutions to reduce invasive carp populations.

The Committee encourages the Service to focus on invasive species removal as it relates to the eradication efforts for invasive Carp. While the Committee recognizes the importance of studying and understanding invasive carp patterns, the Service is encouraged to take action on a strategy that increases the focus on biomass removal.

**Additionally, \$4,400,000** is provided for implementation of State Aquatic Nuisance Species management plans to help control the spread of invasive carp.

**Invasive Species Competitive Grants.** —The Committee is aware that work is ongoing in several regions to address the threats posed by aquatic invasive species and directs the Service to continue to make available competitive grant funding for projects to eliminate these destructive, non-native species.

**Prioritization of Combatting Invasive Plant and Animal Species.** —Invasive plant and animal species are a pervasive problem affecting communities across the Nation. Invasives, such as the carp, European Green Crab, nutria, quagga and zebra mussels, emerald ash borer, Eurasian milfoil, elodea, and the Hemlock Woolly Adelgid threaten our natural resources and wreak havoc on the communities and industries that rely upon them. Preventing invasive species from gaining a foothold in our communities and suppressing established species is of utmost importance. The Committee makes several increases to programs designed to combat invasive species before and after they become a problem. The Committee encourages the Service to support research, monitoring, mitigation, and outreach efforts in all regions.

**Quagga Mussel.** —The Committee recognizes the potential threat of invasive quagga mussels in the Pacific Northwest and directs the Service to brief the Committee no later than 90 days after enactment of this act on detection, control and prevention efforts of Quagga Mussel in the Columbia River Basin as well as coordination on these efforts with the U.S. Army Corps of Engineers and their Watercraft Inspection Program.

## NATIONAL PARK SERVICE

**Page 37 Resource Stewardship.** —The Committee recommends \$410,447,000 for resource stewardship which is \$11,627,000 more than the enacted level and \$20,588,000 less than the budget request. Within the Resource Stewardship program, \$2,000,000 is provided to address active forest management at national parks, \$6,500,000 is provided to address quagga and zebra mussels, \$800,000 is provided for Cave and Karst Ecosystem Research, and \$400,000 is provided to fund Alaska subsistence activities. A total of \$11,758,000 is provided for Everglades restoration. Funding for the partnership wild and scenic river program is provided \$5,300,000.

## U.S. GEOLOGICAL SURVEY

**Page 46 -- Biological Threats and Invasive Species Research Program.** —The bill provides \$46,085,000 for the Biological Threats and Invasive Species Research Program

The bill provides \$11,000,000 to address Invasive Carp issues in the Great Lakes and Upper Mississippi River Basin. In order to effectively control the spread of Invasive Carp, the Committee expects all six sub-basins of the Mississippi River Basin will be included in funding opportunities. The Committee remains concerned by the rapid and growing invasion of European green crab around the country, including in the Pacific Northwest, and provides \$800,000 for invasive European green crab research. Further, the Survey and its Federal partners are directed to jointly brief the Committee no later than 90 days after enactment of this act on their collective efforts to address European green crab.

## BUREAU OF INDIAN AFFAIRS

**Page 60 --Agriculture and Range Program.** —The bill provides \$41,937,000 for the Agriculture and Range Program, an increase of \$2,499,000 to the enacted level. This includes \$14,300,000 for Invasive Species and \$27,637,000 for the Agriculture Program [TPA]. The program increase for invasive species is provided to address the spread of invasive European Green Crab, with further direction explained below. Additionally, the Committee directs the BIA to provide information on the historic geographic distribution of funds provided by the Agriculture and Range program.

**European Green Crab.** —The Committee remains concerned by the rapid and growing invasion of European green crab around the country, including in the Pacific Northwest. This invasive species is resilient to rising water temperatures caused by climate change. This crab species preys on native vegetation which is important habitat for endangered salmon and other species that are critical to uphold Tribal treaty rights and Puget Sound recovery. The Committee provides \$2,000,000 to address the spread of invasive European



Green Crab in the Puget Sound region. The Committee directs the Bureau to coordinate with the U.S. Fish and Wildlife Service and the National Oceanic and Atmospheric Administration to ensure a comprehensive Federal approach to addressing the threat posed by European green crab, mitigate harm, and protect native crab and other shellfish populations. Further, the Bureau and its Federal partners are directed to jointly brief the Committee no later than 90 days after enactment of this act on their collective efforts to address European Green Crab.

## EPA

**Page 91 Great Lakes and Lake Champlain Invasive Species Program.** — The Committee appreciates the ongoing research to combat aquatic nuisance species transported by commercial shipping and ballast water operations in order to implement the Great Lakes and Lake Champlain Invasive Species Program as authorized by the Vessel Incident Discharge Act (Public Law 115–282). The Committee directs the Agency to use funds from the appropriate Geographic Program to build on these implementation efforts to reduce the risk of introduction of invasive species into the Great Lakes and Lake Champlain. The Agency is directed to brief the Committee on the details of these funding amounts with 90 days of enactment of this act.

**NOW WHAT:** According to [E&E Daily \(07/29/24\)](#):

“Appropriations leaders in both chambers are expecting to pass a continuing resolution in September to extend government funding into the lame duck, when they may try to negotiate a bipartisan spending deal. Election results may prove decisive in whether such negotiations even happen...

Text of the last five Senate spending bills will not be released until Thursday afternoon, but Senate appropriators have made clear that their legislation will not include most of the steep cuts and partisan policy riders seen in the House bills. They will not, for example, contain provisions included in many of the House measures that aim to prohibit funding for climate-related executive orders or to block administration rulemakings on greenhouse gas emissions or energy efficiency. They will not, for example, contain provisions included in many of the House measures that aim to prohibit funding for climate-related executive orders or to block administration rulemakings on greenhouse gas emissions or energy efficiency.”

## HOUSE APPROPRIATIONS

### [Committee Approves FY25 Energy and Water Development and Related Agencies Appropriations Act \(7/9/24\)](#)

Washington, D.C. – Today, the House Appropriations Committee met to consider the Fiscal Year 2025 Energy and Water Development and Related Agencies Appropriations Act. The measure was approved by the Committee with a vote of 30 to 26.

Bill language can be found @ [H.R. 8997](#)  
Report language can be found @ [H. Rept. 118-580](#)

AIS items in the bill are as follows:

Page 13

#### INVASIVE CARP

The Corps is undertaking multiple efforts to stop the spread of invasive carp throughout the United States. Section 509 of WRDA 2020 authorized demonstration projects to prevent the spread of invasive carp into the Tennessee River and Cumberland River watersheds. There is an urgent need to prevent their migration from the Ohio River into these watersheds and the Great Lakes. The Committee remains concerned that the Corps is making insufficient progress in implementing section 509 and inadequately communicating with interagency partners, despite funding being provided in the fiscal year 2022 and fiscal year 2023 Acts to implement this program. The Corps is directed to finalize the program management plan and begin assessing demonstration projects, including appropriate deterrent systems at Kentucky Lock. The Corps is directed to provide quarterly updates to the Committee on the status of section 509 implementation.

Additionally, projects such as at Brandon Road Lock and Dam and at the Chicago Sanitary and Ship Canal are critical to preventing the spread of invasive carp into the Great Lakes. Because these efforts are critical to keeping invasive carp out of the Chicago Area Waterways System, the Corps is urged to expedite efforts to execute a project partnership agreement for Brandon Road to enable the project to move into construction utilizing previously provided funds. If additional work can be done, the Corps is reminded that both projects are eligible to compete for the additional funds provided in this Act, and the Corps is encouraged to include appropriate funding for projects in future budget submissions. In addition, the Committee directs the Corps to continue to collaborate at levels commensurate with previous years with the U.S. Coast Guard, the U.S. Fish and Wildlife Service, the State of Illinois, and members of the Invasive Carp Regional Coordinating Committee, including identifying navigation protocols that would be beneficial or effective in reducing the risk of vessels inadvertently carrying aquatic invasive species, including invasive carp, through the Brandon Road Lock and Dam in Joliet, Illinois. Any findings of such an evaluation shall be included in the quarterly briefings to the Committee. The Corps is further directed to implement navigation protocols shown to be effective at reducing the risk of entrainment without jeopardizing the safety of vessels and crews.

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Aquatic Plant Control Program. —Of the additional funding recommended for the Aquatic Plant Control Program, \$10,000,000 shall be for watercraft inspection stations, as authorized in section 104 of the River and Harbor Act of 1958, equally distributed to carry out subsections (d)(1)(A)(i), (d)(1)(A)(ii), and (d)(1)(A)(iii); \$3,000,000 shall be for related monitoring, as authorized by section 1170 of the America’s Water Infrastructure Act of 2018; and \$2,000,000 shall be for activities related to monitoring, surveying, and control of hydrilla verticillata and flowering rush. The Corps is encouraged to consider work to address and prevent the threat of hydrilla infestation within the states of Florida and Georgia. The recommendation also includes \$5,500,000 for nationwide research, and the Corps is encouraged to consider work to address invasive aquatic plants in the Northern Everglades region. The recommendation also provides \$10,500,000 to continue activities authorized under section 509 of WRDA 2020.

Brandon Road Lock and Dam, Aquatic Nuisance Species Barrier, IL. —The Great Lakes and Mississippi River Interbasin Study was authorized by Congress under section 3061(d) of WRDA 2007 (Public Law 110–114). The Committee notes that the Brandon Road Lock and Dam in Joliet, Illinois, is critical to keeping invasive carp out of the Chicago Area Waterways System, which is the only continuous connection between the Great Lakes and Mississippi River basins.

Aquatic Nuisance Control Research Program. —Within available funds, \$5,000,000 shall be to supplement activities related to harmful algal bloom research and control, and the Committee directs the Corps to target freshwater ecosystems; \$5,000,000 shall be to continue work on the Harmful Algal Bloom Demonstration Program, as authorized by WRDA 2020; and \$5,000,000 shall be to continue development of next generation ecological models to maintain inland and intracoastal waterways. The Corps is urged to work collaboratively with university partners as appropriate to address these issues. In addition, \$2,000,000 shall be to develop, test, and apply in situ sensor technology to monitor and detect dissolved reactive phosphorus continuously and in real time, and the Corps is reminded that WRDA 2022 provided flexibility to partner with non-traditional contractors. The recommendation includes \$150,000 to conduct a literature review and preliminary evaluation of commercially available electro-magnetic and other non-chemical control technologies to determine if further research is warranted in this area. The Corps is directed to report to the Committee not later than 180 days after enactment of this Act on the results of this review and opportunities to carry out any related work in the Southwestern Division.

**NOW WHAT:** Unlike the Senate, the House E&W appropriations bill is having a tougher time coming to a floor vote, as leaders pulled a scheduled vote on 7/23/24.

[House passes Interior, Environment, and Related Agencies Appropriations Act, 2025. \(7/24/2024\)](#)

Washington, D.C. – Today, the House of Representatives met to consider the [Interior, Environment, and Related Agencies Appropriations Act, 2025](#). The measure was approved by a vote of 210 to 205. Interior and Environment Subcommittee Chairman Mike Simpson (R-ID) said, “The FY25 Interior, Environment, and Related Agencies Appropriations Act will help reduce energy costs, protect American jobs, and ensure that we can continue to access our public lands to recreate, hunt, and develop our natural resources. I am proud that this fiscally responsible bill reins in unnecessary spending and rejects the Biden Administration's misguided regulatory agenda. In crafting this bill, I vowed to protect essential programs vital to states and local communities. I am pleased that the FY25 Interior and Environment Appropriations Act safeguards these programs by fully funding the Payments in Lieu of Taxes (PILT) program, addresses needs across our Tribal communities, and includes a permanent pay fix for wildland firefighter pay. I thank Chairman Cole for his leadership and guidance and my colleagues' support on the floor today.”

Bill can be found @ [H.R. 8998](#)

Report can be found @[H. Rept. 118-581](#)

AIS related items in the Bill are as follows:

#### **UNITED STATES FISH AND WILDLIFE SERVICE**

Page 23 The Committee supports the Service’s efforts to deploy a team trained in rapid response and management for quick containment or eradication of newly detected and interjurisdictional invasive species such as Nutria and European Green Crab. In support of the National Priorities of the Invasive Species Advisory Committee, the Committee directs the Service to provide a report to the Committee not later than 180 days following the enactment of this Act on the benefits and costs associated with expanding this model to respond to invasive species threats under the jurisdiction of other Federal land management agencies.

Page 26 -- Aquatic Invasive Species. —The recommendation includes **\$48,605,000**, of which \$2,749,000 is for Prevention, \$3,500,000 is to prevent the spread of quagga and zebra mussels allocated per the enacted levels, and \$1,011,000 is for Great Lakes Sea Lamprey administration costs.

The Committee is aware that Lake Tahoe, which is on ancestral lands, faces a constant and serious threat from the introduction and spread of aquatic invasive species. This harm includes impacts to Native American Tribes. The Committee applauds the Service’s partnership with California and Nevada to implement a prevention program consisting of mandatory boat inspection and decontamination stations, successful Asian clam pilot eradication projects, invasive plant control projects, and the creation of an early detection and rapid response program. Of the amount made available under this section, no less than \$6,000,000 shall be used for implementing subsection (d)(2) of Section 5, of Public Law 106–506, as amended. The recommendation also includes \$5,000,000 for the implementation of the Invasive Species in Alpine Lakes Pilot program, as authorized by Public Law 117–263,

to develop and carry out effective measures necessary to prevent, control or eradicate aquatic invasive species in alpine lakes outside of the National Park System. Additionally, the Committee directs the Service to continue working with the Washoe Tribe, State, Federal partners, and other collaborators to combat aquatic invasive species in Lake Tahoe.

Recognizing the importance of the work conducted by the Service to combat the serious threat of invasive carp, the Committee recommendation includes \$23,000,000 is for invasive carp and not less than \$3,000,000 for contract fishing, as requested. The Committee continues to support the Service in working to prevent invasive carp from entering the Great Lakes, and to control and eradicate them from the Mississippi River, its six sub-basins, the Upper Mississippi River, Missouri River, Arkansas-Red White River, Lower Mississippi River, Tennessee Cumberland River, and Ohio River including Kentucky Lake and Lake Barkley. Additionally, \$2,834,000 is provided for the National Invasive Species Act of 1996 (NISA) State Plans and \$1,566,000 for NISA implementation which helps control the spread of invasive carp. Not later than 120 days following the enactment of this Act the Committee directs the Service to update the Committee on advancements since the August 9, 2022, virtual forum on removal and uses of invasive carp, to include any changes in opportunities for increased use of harvested invasive carp and the benefits of holding another one-day forum for Federal, State, and provincial agencies; academia; industry; and other stakeholders on invasive carp harvest and product use. The Committee encourages the Service to pursue technologies to aid in the elimination, mitigation, or control of aquatic nuisance species and invasive species that do not result in the addition of chemical agents to the ecosystem that can lead to harmful by-products such as algal blooms

## **USGS**

Page 38: Biological Threats and Invasive Species Research Program. —The recommendation includes \$44,500,000 for the Biological Threats and Invasive Species Research Program, including to support research on European Green Crab, Coral Disease, phytoplankton changes in the Great Lakes, and Chronic Wasting Disease. The recommendation includes \$11,000,000 for invasive carp research, including to prevent the spread into the Great Lakes, of which \$3,000,000 is for research on containing or eradicating grass carp.

## **EPA**

Page 69: Great Lakes and Lake Champlain Invasive Species Program. — The Committee expects the Agency to continue to use funds from the appropriate Geographic Programs to address invasive species in the Great Lakes and Lake Champlain.

## **USFS**

Page 84 Invasive Species. —The Committee strongly encourages the Forest Service to address high priority invasive species, pests, and diseases, including the Emerald Ash Borer, bark beetle, glossy buckthorne, amur honeysuckle, and Callery pear.

## BIA

Page 46: The Committee encourages BIA to continue supporting the work done in fiscal year 2024 to address the problem of the European green crab which impacts marine resources for Tribal communities in the Pacific Northwest.

**Now What:** [Spending fight turns to stopgap as House GOP stumbles \(7/26/24\)](#)

House Republicans are turning their focus to a debate over whether to fund the government through December or into next year after their hopes of passing 12 full-year funding bills [before the August recess collapsed](#). Asked about Johnson's previous pledge to work through August to finish their spending bills, Rep. Thomas Massie (R-Ky.) said with disappointment, "It's all kind of fake, anyway. **It's going to be an omnibus. Probably a CR, and a lame-duck omnibus.**"

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## EVENTS

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### Archived Events:

[Recording Available! Quagga mussel food choice at the HABs buffet \(Invasive Mussel Collective Webinar\)](#)

### Ongoing Training Opportunities:

Watercraft Inspection Training:

Level 1&2

- [September 10-12](#)
- [October 8-10](#)
- [November 12-14](#)
- [December 10-12](#)

Level 3

- [September 17-19](#)
- [December 17-19](#)

[DOI Invasive Species Training Opportunities Spreadsheet](#)

[PNW IPC Citizen Science Trainings](#)

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[InvasivesU – NAISMA](#) - InvasivesU is NAISMA’s exclusive online learning library intended to provide professionals, students, and interested individuals with the knowledge and tools necessary to prevent and manage invasive species in North America. NAISMA experts have thoughtfully curated and developed this content, especially for you!

## Calendar of Events

2024

August

[Oregon Invasive Species Council – Insect Pest Summit](#) and Business meeting. August 5 – 7<sup>th</sup>. Hillsboro, OR

A 3-part training overviewing opportunities to use NASA Earth Science data for invasive species monitoring. Info: <https://appliedsciences.nasa.gov/get-involved/training/english/arset-invasive-species-monitoring-remote-sensing>

- Invasive Species Monitoring with Remote Sensing Part 1: An Intro to the Monitoring of Invasive Species with Remote Sensing Tools  
12:00 PM - 1:30 PM Aug 14, 2024 (UTC-04:00) Jeff Herring
- Invasive Species Monitoring with Remote Sensing Part 2: Monitoring of Aquatic Invasive Species with Remote Sensing  
12:00 PM - 1:30 PM Aug 21, 2024 (UTC-04:00) Jeff Herring
- Invasive Species Monitoring with Remote Sensing Part 3: Monitoring Invasive Grassland Species with Hyperspectral Remote Sensing  
12:00 PM - 1:30 PM Aug 28, 2024 (UTC-04:00) Jeff Herring

Where? WebEx

How? Register here:

<https://nasaevents.webex.com/webappng/sites/nasaevents/webinar/webinarSeries/register/6af76404fe2f44ae96334392f6791ba4>

NAISMA: August 21, 2024 @ 1:00 pm - 2:00 pm CDT [Webinar: Dutch Elm Disease and Resistance](#)

The [Invasive Species Advisory Committee](#) will convene by Zoom virtual platform on Thursday, August 22, 2024, 1:00 p.m.-5:00 p.m. ET.

September

[September 12, 2024 Washington Invasive Species Council Meeting, Olympia OR](#)

NAISMA September 18, 2024 @ 1:00 pm - 2:00 pm CDT [Webinar: Stony Coral Tissue Loss Disease](#)

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September 30, 2024 @ 8:00 am - October 3, 2024 @ 5:00 pm CDT  
[North American Invasive Species Management Association 32nd Annual Conference](#)

### October

NAISMA: October 16, 2024 @ 1:00 pm - 2:00 pm CDT [Webinar: White-Nose Syndrome and Bats](#)

This year the [annual WRP meeting](#) will be in Grand Junction, Colorado on October 23-25 and hosted by Colorado Parks and Wildlife.

### November

[2024 Upper Midwest Invasive Species Conference!](#) Duluth, Minnesota  
Tuesday, November 12th - Thursday, November 14th, 2024

### December

December 5, 2024 @ 11:00 am - 3:00 pm CST [NAISMA Annual Biocontrol Summit](#)

[December 5, 2024 Washington Invasive Species Council Meeting, Olympia OR](#)

## 2025

### February

[2025 Wild Spotter Invasive Species Ambassador Training Course](#) Feb 04, 2025 - Feb 06, 2025  
Lake Guntersville State Park, Guntersville, Alabama

[2025 33rd USDA Interagency Research Forum on Invasive Species](#) Feb 25, 2025 – Feb 28, 2025  
Graduate Annapolis Hotel, Annapolis, Maryland

### April

April 14, 2025 @ 8:00 am - April 17, 2025 @ 5:00 pm CDT  
[National Forum on Biological Control Conference](#)

### October

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2025 Society for the Study of Marine Bioinvasions (SSMB) 12th International Conference (ICMB XII) Oct 07, 2025 - Oct 09, 2025 Hotel VidaMar Madeira Funchal, Madeira Island, Portugal

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can be found @ <https://www.westernais.org/western-ais-news>

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