



AQUATIC INVASIVE SPECIES NEWS

9/01/20

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OPENING/CLOSURE INFORMATION

[Editor's Note: Please check directly with local, state and federal agencies for the most up-to-date information on closures]

RECOMMENDED

[Forecasting Marine "Bioinvasions" in a Warming World \(8/12/20\)](#)

Modern material technology and climate change are facilitating the global movement of ocean life like never before. Can we learn to detect species introductions earlier on?

At Rhode Island's Weekapaug Point, sea boulders stand stout in the spray, while low tide lingers in pools piled with life. Green crabs dip under drying red seaweed, while sea squirts slouch and sway over the stones. A stripe-legged shore crab scurries, stops, and pinches angrily at me. Periwinkles line the rocks like rough wallpaper, ingrained, it seems, into the very structure of the shoreline.

It may come as a shock to some, as it did to me during my trip to Weekapaug this February, that not one of these creatures is native to New England. Such is the nature of many marine species introductions, which have impacted nearly every coastline in the world for at least the last 500 years: Organisms find their way into waters far beyond their native ranges, often aided by human activities, and establish populations well below the surface of common cultural awareness. These organisms — from the smallest of diatoms and shellfish to sizable salmon and gigantic white-

spotted jellyfish — can devastate local ecosystems, destroy coastal infrastructure, and cost billions of dollars to combat every year.

According to a Pew Oceans Commission report, “Bioinvasions is a broad term that refers to both human-assisted introductions and natural range expansions,” though the typology and terminology of these invasions are often as complex as the issues they attempt to describe. The long history of marine bioinvasions is enmeshed with travel and trade, colonization and war, fisheries and aquaria, and the countless physical means of carriage, called vectors, that allow humans — and the organisms we bring with us — to reach oceanic habitats all around the globe. Exploratory, military, and cargo vessels, which have crossed the sea daily for centuries, are the most infamous vectors. A single ship can harbor hundreds of “fouling” species on its hull, each with the potential of establishing an invasive population in the region where that ship is headed. Ballast water, stored as a stabilizing mechanism in huge tanks belowdecks, can take up entire communities of organisms at one port and release them thousands of miles later in another where they are not naturally found. While seemingly innocuous, other vectors like scuba fins and wetsuits can hide and transport tiny hitchhikers in their creases and fibers. Fishermen, too, feeling sorry for their leftover live-bait, may release hundreds of worms — as well as the non-native snails, crabs, and algae they were packaged with — into new habitats every year.

[\[full article\]](#)

...

PUBLIC COMMENT

[Draft Invasive Species Strategic Plan; Tribal and Alaska Native Corporation Consultations, Public Listening Sessions and Request for Public Comments](#)

Pursuant to the John D. Dingell Jr., Conservation, Management and Recreation Act of 2019 ([Pub. L. 116-9](#)), notice is hereby given of the development of the U.S. Department of the Interior Invasive Species Strategic Plan.

DOI press release here: <https://www.doi.gov/pressreleases/trump-administration-outlines-comprehensive-strategy-tackle-120-billion-problem>

"When finalized and implemented, the strategic plan will allow Interior to be a more responsive partner to state and Tribal agency requests for federal assistance to combat invasive species without adding regulations that impede business and our economy. The draft Invasive Species Strategic Plan is published in the Federal Register for a 60-day comment period. Written comments must be submitted by **October 9, 2020**. Comments may be submitted via www.regulations.gov".

The John D. Dingell, Jr. Conservation, Management and Recreation Act (Act) (Pub. L. 116-9) was enacted on March 12, 2019. Title VII Section 7001 of the Act directs relevant Secretaries to take actions concerning invasive species; this includes direction to each Secretary concerned to develop a strategic plan for the implementation of the invasive species program to achieve, to the maximum extent practicable, a substantive annual net reduction of invasive species populations or infested acreage on land or water managed by the Secretary concerned. The Act directed that the Plan be developed in coordination with affected eligible States, political subdivisions of

eligible States, in consultation with Federally recognized Indian tribes and in accordance with the priorities of Governors of eligible States. The Act is available at:
<https://www.congress.gov/116/plaws/publ9/PLAW-116publ9.pdf>

[Government of Canada Launches Public Engagement on First-Ever Aquaculture Act](#)

From: Fisheries and Oceans Canada

August 17, 2020

Ottawa, ON - Sustainable aquaculture is a cornerstone of Canada's fish and seafood sector, playing an important role in the country's food security and helping drive economic growth, particularly in rural, coastal, and Indigenous communities.

Today, the Minister of Fisheries, Oceans, and the Canadian Coast Guard, the Honourable Bernadette Jordan, launched the next phase of the Government's public engagement on the first-ever Aquaculture Act. The proposed Act will provide more clarity and certainty as this industry continues to develop across Canada, while respecting federal, provincial, and territorial jurisdictions.

A discussion paper providing background on aquaculture in Canada, rationale for the proposed legislation and an overview of the elements proposed for the new Act, is now available online with key questions to guide feedback to the Government on this important initiative. The public is invited to visit <https://dfo-mpo.gc.ca/aquaculture/act-loi/consultations-eng.html> and will have until January 15, 2021 to participate in this round of consultation.

[\[Texas\] Changes proposed to Texas Exotic Aquatic Species regulations \(8/28/20\)](#)

The Texas Parks and Wildlife Department is proposing changes to regulations regarding harmful or potentially harmful fish, shellfish and aquatic plants. The proposed changes significantly reorganize the existing rules to enhance accessibility, meet the changing needs of the regulated community, and address current and potential future threats posed by these exotic species. The proposed rules will be published in the Texas Register no later than Friday, Oct. 2. At that time, comments on the changes can be provided on the [TPWD public comment page](#) until Monday, Nov. 9.

[North American Invasive Species Management Association](#) - Survey on Your Interest in Invasive Species Management Training

The North American Invasive Species Management Association is developing new professional development content for invasive species managers. NAISMA is requesting information what invasive species management training opportunities will be most useful for you. [Please take this quick survey now.](#)

The University of Wisconsin is partnering with the [Mississippi River Aquatic Nuisance Species Panel](#) to learn more about the Buddhist practice of life release in order to develop ways to meet the needs of the practice while reducing the invasion risk of the practice. This study, the Aquatic Invasive Species Manager Survey on Life Release, will inform that approach.

Follow this link to the Survey:
[Take the Survey](#)

NEW SPECIES SIGHTINGS

Want to get more new species alerts?

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

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

DREISSENIDS

NOTE: The USGS links below to the Nonindigenous Aquatic Species (NAS) website are not functioning. According to USGS, Gainesville, Florida: (9/1/20):

Unfortunately hurricane Laura knocked out the Verizon wide area network near Houston which our website server [for the USGS sitting in Louisiana got caught up in. We have no timetable for when it may be restored. Our USGS folks are trying to find a work-around.

[Kansas] [Dreissena polymorpha \(zebra mussel\)](#) was found in Linn Valley Lake [\[USGS NAS\]](#)

[Minnesota] [Zebra mussels confirmed in Big Watab Lake in Stearns County \(8/20/20\)](#)

The Minnesota Department of Natural Resources has confirmed zebra mussels in Big Watab Lake, near Avon in Stearns County. The DNR was notified after children swimming in Big Watab Lake found a zebra mussel. DNR invasive species specialists found 24 zebra mussels along a one-tenth mile stretch of shoreline during a follow-up survey. The range of sizes and ages of the zebra mussels indicates a reproducing population in the lake.

[South Dakota]

[Dreissena polymorpha \(zebra mussel\)](#) was found in Lake Cochrane [\[USGS NAS\]](#) and in Pickerel Lake, west park boat ramp [\[USGS NAS\]](#)

[Zebra Mussels Found In Lake Kampeska \(8/25/20\)](#)

The South Dakota Department of Game, Fish and Parks (GFP) has confirmed the presence of adult zebra mussels in Lake Kampeska in Codington County. “A GFP fisheries staff person received a call on Sunday from a lakeshore resident on the southeast side of Lake Kampeska,”

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said regional fisheries manager Mark Ermer. “The resident sent our staff person a photo and it was a zebra mussel. We traveled to Kampeska today and inspected the original location and found several mussels. We also found zebra mussels in 6 other sites we surveyed. Lake Kampeska is now considered infested with zebra mussels.

Related: [GFP Official Speaks About Zebra Mussels Found in Lake Kampeska \(8/31/20\)](#)

OTHER AIS

[Idaho] [Radix auricularia \(European ear snail\)](#) was found in a drainage ditch under O'Donnell road [\[USGS NAS\]](#)

[Montana]

[Invasive species detected at state fish hatchery near Bridger \(8/21/20\)](#)

New Zealand mudsnails were detected for the first time Tuesday at Montana Fish, Wildlife & Parks' Bluewater Fish Hatchery near Bridger, officials said.

Bluewater is a trout hatchery and is the third-largest production facility in the state, officials said. It stocks sport fish into urban ponds, reservoirs and other public waters.

New Zealand mudsnails are an aquatic invasive species. They were discovered in Montana in 1995 in the Madison River above Hebgen Lake Reservoir. Since then, New Zealand mudsnails have been detected in several major river drainages across the state.

Tuesday's discovery was the first time in a Montana state fish hatchery, officials said.

[Nymphaea odorata \(American white waterlily\)](#) was found in Legendary Lodge, MT [\[USGS NAS\]](#)

[Texas] [Pectinatella magnifica \(magnificent bryozoan\)](#) was found in Sheldon Reservoir, Houston, TX. [\[USGS NAS\]](#)

[Washington] [Faxonius virilis \(Virile Crayfish, Northern Crayfish\)](#) has raised special interest [first live specimen] in Chamna Preserve, Yakima River, Richland WA [\[USGS NAS\]](#)

WATCH LIST

[Help the DFO by spotting the invasive European green crab in B.C. waters \(7/25/20\)](#)

... sightings can be reported to the DFO at AISPACIFIC@dfo-mpo.gc.ca in the Pacific region. Those reporting are encouraged to submit a photograph, a GPS location and date of sighting, and a note of any distinguishing features...

[Washington Traps First Asian Giant Hornet \(7/31/20\)](#)

The hornet was found in a WSDA trap set near Birch Bay in Whatcom County. WSDA trappers checked the bottle trap on July 14 and submitted the contents for processing at WSDA's entomology lab. The hornet was identified during processing on July 29. This

was the first hornet to be detected in a trap, rather than found in the environment as the state's five previous confirmed sightings were.

DREISSENIID MUSSELS

[Dead sturgeon found on Lake Michigan beaches \(8/11/20\)](#)

Vincent Cavalieri is a wildlife biologist with the National Park Service. He says to have this many dead sturgeon in such a short period of time is incredibly unusual. Cavalieri says the die-off could be due to botulism. Botulism is an illness caused by a toxin produced by bacteria. The sturgeon carcasses were too decomposed to test, but some gull carcasses had also been found near the same time as the sturgeons. He says the botulism could potentially be related to an invasive species, zebra mussels, which have drastically altered the Great Lakes ecosystem since their introduction.

Robertson, J.J., Swannack, T.M., McGarrity, M. et al. [Zebra mussel invasion of Texas lakes: estimating dispersal potential via boats](#). Biol Invasions (2020). <https://doi.org/10.1007/s10530-020-02333-2> [S]

BOAT INSPECTION/DECON/TECH NEWS

[\[British Columbia\] Invasive mussel monitoring stations detect 10 boats \(8/13/20\)](#)

Monitoring stations have kept at least 10 boats detected with invasive mussels from crossing into our province, the BC Conservation Officer Service revealed Thursday (Aug. 13). Chris Doyle, deputy chief of the conservation officer service, said half the watercraft tainted with mussels were bound for the Okanagan, the other half headed to the Thompson region.

[\[South Dakota\] McCurdy: Expect increased GFP inspections to check for aquatic invasive species \(8/13/20\)](#)

It was not a question of if we would ever get zebra mussels in our backyard, but when. Well, that time is now with the recent confirmation of zebra mussels in Pickerel Lake a few weeks ago. Now that we have them, I have fielded a couple questions of now what? Much like the current world we live in with COVID-19 and the adaptations we have had to make to our lifestyle, boating in northeast South Dakota will require some change in our routines when we come off the waters of these infested lakes.

BALLAST WATER/BIOFOULING

[Biofouling: an opportunity ripe for the taking \(8/24/20\)](#)

ECOSubsea chief executive Tor M Østervold provides an update from the frontline in the battle against biofouling. "Ballast water treatment is basically trying to clean water with particles and

do that on board a ship; biofouling is taking particles from a ship, but with the water in the local port.” This is how ECOsubsea chief executive Tor M Østervold explains the key difference between ballast water treatment and biofouling. The two concepts have become somewhat intertwined in recent years, as ballast water has been subject to severe and expensive legislation, while biofouling – which ostensibly deals with similar issues of invasive species and position – has escaped with only industry guidelines to govern its path.

[USCG makes changes to BWM Reporting Form \(8/10/20\)](#)

The US Coast Guard has made significant amendments to the Ballast Water Management Reporting Form including data collection on vessels’ most recent dry dock dates and removal of the alternative ballast water management clause

MARINE

[Fight underway against invasive crab in Samish Bay \(8/28/20\)](#)

The invasion of the European green crab in local waters continues. In Samish Bay, what began as the discovery of a few of the crabs in Taylor Shellfish Farm’s aquaculture beds in January 2019 has this summer grown into a full-fledged trapping effort. As of Thursday, 88 non-native crabs had been pulled from the water.

“These are all signs that this could be a new situation that we want to keep a pretty close eye on and intervene if possible,” Washington Sea Grant Crab Team Program Lead Emily Grason said.

[Plundering European green crabs trigger high alert along B.C.'s West Coast \(8/10/20\)](#)

Cynthia Bendickson believes an ecological battle along the inside passage of Vancouver Island is looming. It’s not a question of if, but when the invasive European green crab will land on the shorelines of the Salish Sea, says the biologist and executive director of the Greenways Land Trust. “Aquatic invasive species are particularly hard to control once they’re out into the environment,” Bendickson said.

[Testing traps to control lovely but destructive lionfish \(8/26/20\)](#)

The quest is on for a better way to kill beautiful but brutally destructive lionfish than shooting them one by one with spearguns

[Native Hawaiian tiger cowries eat alien invasive species \(8/18/20\)](#)

Researchers at the University of Hawai’i (UH) at Mānoa’s Hawai’i Institute of Marine Biology (HIMB) have just discovered that the Hawaiian tiger cowrie (Leho-kiko in Hawaiian) is a voracious predator of alien sponges such as the Orange Keyhole sponge, which can overgrow native corals and has become a concern as it spread across reefs within Kāne’ohe Bay. In the study published recently, researchers found that each cowrie eats more than half their body weight in sponges each week.

AQUACULTURE

[Big Fish - The Aquacultural Revolution \(8/24/20\)](#) [also available as a podcast]

As the world's population swells to 9.7 billion, industry and governments say aquaculture is the way to provide protein to the people—if that's true, can we learn from the past and avoid screwing over the planet and each other?

[NOAA Announces Regions for First Two Aquaculture Opportunity Areas under Executive Order on Seafood \(8/20/20\)](#)

Federal waters off Southern California and in the Gulf of Mexico were chosen first based on potential to host sustainable commercial aquaculture.

[Apocalyptic 'nonsense' from an anti-fish farm activist \(8/18/20\)](#)

With the world focused on combating COVID-19 and securing food supply chains, BC's loudest anti-fish farm activist is once again spreading apocalyptic falsehoods aimed at shutting down the sustainable aquaculture operations on Canada's West Coast. Ignoring research by globally renowned scientists and traditional knowledge that have recognized that salmon stocks vary not only year to year, but also on decades-long time cycles, Alexandra Morton, who claims to be an independent biologist, told a Parliamentary inquiry that "salmon farms are the greatest single impact on wild salmon since the glaciers."

FISH

[Sandpoint man wins \\$1,000 for catching walleye through Angler Incentive Program \(8/17/20\)](#)

Another Idaho angler has won \$1,000 in the Lake Pend Oreille walleye lottery. Doug Lambrecht of Sandpoint caught his reward-tagged walleye while fishing shallow weed beds along the northern lakeshore during mid-July. The winning fish was tagged in Feb. 2020 near Fisherman's Island.

[Science Panel Suggests Task Force As Focal Point For Battling 'Inevitable' Spread Of Northern Pike In Columbia River Basin \(8/13/20\)](#) [\$]

An independent science panel has suggested the creation of a regional task force to be the focal point for efforts to battle the spread of northern pike when the voracious predator "inevitably" spreads in the Columbia River downstream from Grand Coulee and Chief Joseph dams.

Related: [Managers work to control spread of northern pike at Lake Roosevelt \(8/24/20\)](#)

Heim, K.C., McMahon, T.E., Ertel, B.D. et al. [Leveraging public harvest to reduce invasive hybridization in Yellowstone National Park: field identification and harvest of cutthroat × rainbow trout hybrids](#). Biol Invasions 22, 2685–2698 (2020). <https://doi.org/10.1007/s10530-020-02280-y>

AQUATIC PLANTS

[Ultraviolet light being used to protect Lake Tahoe from invasive species \(8/12/20\)](#)

Invasive plant species often lead to the destruction of natural wildlife either by encroaching on native vegetation or by attracting invasive creatures that either consume precious resources or prey on the animals that call the habitat home. Controlling these species, whether plant or animal, can be difficult in an aquatic setting like Lake Tahoe as conservationists try to protect the inhabitants while not inadvertently harming them. A new tool, developed by John Paoluccio of Inventive Resources, looks to help Lake Tahoe conservationists in this struggle by using nothing more than light.

FRESHWATER

[Biologists trace origin of invasive snails in the Great Lakes \(8/19/20\)](#)

A team of biologists led in part by the University of Iowa has traced the origins of an invasive snail in the Great Lakes. In a [new study](#), published in the journal Molecular Ecology, the biologists say freshwater snails arrived in the Great Lakes from their native New Zealand and via Europe after being transported likely through ballast water to the continent in the 19th century. The two lineages since have taken hold in the Great Lakes, altering ecosystems by covering rocks and vegetative surfaces and changing nutrient flow patterns. What remains to be seen is whether, like the infamous invasive zebra mussels, they crowd out native species, the biologists say.

CLIMATE CHANGE

[Natural disasters must be unusual or deadly to prompt local climate policy change, study finds \(8/24/20\)](#)

Natural disasters alone are not enough to motivate local communities to engage in climate change mitigation or adaptation, a [new study](#) from Oregon State University found. Rather, policy change in response to extreme weather events appears to depend on a combination of factors, including fatalities, sustained media coverage, the unusualness of the event and the political makeup of the community.

OTHER

[New Lab Could Help Detect/Eradicate Invasive Species In Mountain West Waterways \(8/26/20\)](#)

The lab going up in Boise, Idaho, will be part of a new, larger U.S. Geological Survey building. And it would test environmental DNA, or eDNA, from around the nation. That is, instead of

trying to find an invasive animal, like a single mussel or fish in a lake, scientists could just sample water to test for DNA of certain species.

[Funding cuts threaten efforts to control invasive species \(8/19/20\)](#)

Farmers and researchers across Oregon are worried about the potential spread of invasive pests and weeds because of funding cuts to related organizations during the pandemic.

Jason B. Dunham Ivan Arismendi Christina Murphy Alex Koeberle. 2020. [What to do when invaders are out of control?](#) Water. <https://doi.org/10.1002/wat2.1476>

JOBS/GRANTS

[Wildlife Technician, Lees Summit, MO.](#) Orkin Pest Control was started in 1901 and continues to be the leader in the pest control industry. As an employee with us you will be provided the opportunity to grow your career and control your financial opportunity. We are looking for a Wildlife Technician to join our successful team. As a Wildlife Technician you will provide corrective, preventative and exclusion services to assigned nuisance wildlife control customers to ensure their needs are met. This will include trapping, relocating and/or removing animals that occupy residential and commercial structures. Wildlife includes but is not limited to squirrels, raccoons, mice, rats, bats, snakes, foxes, coyotes, bees and wasps.

[U.S. Geological Survey – Invasive Species Program Manager:](#) The closing date is **September 10, 2020.**

[Seasonal Invasive Species Technician](#)

Six Rivers Land Conservancy Rochester, Michigan

A seasonal invasive species technician is being sought to implement monitoring, treatment, and outreach activities of Six Rivers Land Conservancy (SRLC). Additional activities include work performed for the Lake St. Clair Cooperative Invasive Species Management Area (LSC CISMA). **Applications will be reviewed on a rolling basis until the position is filled.**

[Implementation of the Quagga and Zebra Mussel Action Plan \(QZAP\) in the Western United States - Solicitation Number F20AS00078 - Due Date: Oct 17 2020](#)

This Request For Proposals (RFP) will fund proposals in the listed principal areas towards the fulfillment of the top priorities in the Quagga/Zebra Mussel Action Plan for Western U.S. Waters (QZAP) and will be limited to states within the boundaries of the Western Regional Panel within the United States, not including Canada and Mexico (see map at <https://westernregionalpanel.org/about-us/>): Limiting the spread of invasive mussels through containment, especially by inspection and decontamination of watercraft moving from invaded water bodies to jurisdictions currently free of dreissenid mussels, and the coordination between states or other jurisdictions to this end; Protecting western ecosystems through support and/or establishment of prevention programs for invasive mussels at identified high risk control points. Limiting the spread of invasive mussels through containment by increasing compliance with federal, state, local and tribal laws; Increasing the effectiveness of outreach and education efforts

to help advance prevention efforts; Building capacity to detect and respond to new invasive mussel infestations; Conducting Research that benefits the priorities listed above, including (but not limited to) social science research to evaluate the effectiveness of invasive species prevention messaging, and research on non-target species impacts of invasive mussel control treatments. Efforts to address the risks and impacts of these invasive species are on-going. They include development of QZAP, and funding by the U.S. Fish & Wildlife Service (Service) to address waters at highest risk for spreading invasive mussels. In fiscal year 2020 the Service plans to allocate approximately \$1,830,000 to projects that will reduce or minimize the threat of quagga and zebra mussels to Western U.S. waters...

[AIS Grants Available! The Montana Invasive Species Council](#) is now accepting grant applications to fund aquatic invasive species projects. Up to \$50,000 is available per project to Montana communities or local, state, tribal, or other entities within the state and to Montana-based non-governmental entities.

AIS grants are intended to increase local capacity and involvement to address AIS issues. Projects that address the following AIS management components are eligible and include:

- Prevention
- Early detection
- Education and outreach
- Research
- Treatment

Current state-wide priorities that have been identified and vetted with former grantees and stakeholders for the upcoming AIS grant cycle include grants related to:

- Monitoring / early detection projects to expand local capacity and involvement in multi-AIS taxa early detection efforts.
- AIS outreach projects that expand AIS awareness at the local level.
- AIS research projects including eDNA research related to dreissenid mussel early detection addressing eDNA Science Advisory Panel recommendations.

Locally-led proposals that address the state-wide priorities will receive ranking preference, however all eligible grant requests will be evaluated and considered. **Applications are due Thursday October 19, 2020** by 5 pm. AIS Grant Program Guidelines and application instructions can be found [here](#). Please contact Stephanie Criswell with any questions on the grant and application process or for technical support.

FEDERAL/STATE/PROVINCIAL LEGISLATION, RULES, ACTIONS

State/Province

Judicial

Executive

[Utah's federal lawmakers ask EPA to fund Deer Creek Reservoir infrastructure replacement \(8/21/20\)](#)

All six members of Utah's congressional delegation joined together on Tuesday in requesting that the Environmental Protection Agency consider providing funding for a project to replace the decades-old infrastructure of the Deer Creek Dam. In a letter addressed to EPA Administrator Andrew Wheeler, the congressmen asked for Wheeler's "full and fair consideration for the Provo River Water Users Association's (PRWUA) request for loan assistance ... for the Deer Creek Raw Water Intake Project," noting that the Deer Creek Reservoir "supplies water to nearly half of Utah's population."

...The infrastructure replacement project, which the PRWUA estimates will cost approximately \$40 million, would include construction of "state-of-the-art defense mechanisms against aquatic invasive species" to provide "safeguards against a quagga mussel infestation and the associated negative effects on critical infrastructure," the letter said.

[Trump Administration Outlines Comprehensive Strategy to Tackle \\$120 Billion Problem \(8/13/20\)](#)

Today, the Trump Administration released a draft strategic plan for combating an estimated \$120 billion problem—invasive species. The Administration has taken significant actions to more effectively manage invasive species, which impact water supplies, impair hunting and fishing opportunities, interfere with energy production, exacerbate wildfires, damage America's agriculture and drive native species to extinction. This plan provides a coordinated approach to further align programs and policies across the U.S. Department of the Interior and leverage more resources in addressing this important issue. In Fiscal Year 2020, Interior alone is investing an estimated \$143 million to manage invasive species.

Congressional

Appropriations

[White House backs CR as part of coronavirus aid package, Meadows says \(08/26/20\)](#)

Another COVID-19 relief package should be coupled with government funding, which expires Sept. 30 unless extended in a stopgap bill, White House Chief of Staff Mark Meadows said

Wednesday. “I think that if we do a COVID deal right now, we ought to just do a continuing resolution as part of that solution so that we take a shutdown off the table,” Meadows said Wednesday at a Politico Playbook event.

[Marijuana, discrimination bills on House’s September agenda, CR expected to avert shutdown \(8/31/20\)](#)

House Majority Leader Steny H. Hoyer laid out the chamber’s agenda for September, including marijuana legislation and anti-discrimination bills, but in a letter to colleagues Monday he acknowledged that there is no appropriations deal in sight as the end of the fiscal year approaches.

An AIS federal legislative table is posted on the web on the www.westernais.org website. Go to <https://www.westernais.org/regulations> and scroll all the way to the bottom

TRAININGS, WEBINARS, CONFERENCES AND MEETINGS

Archived Materials

The recording of the 8/27 Invasive Mussel Collaborative webinar, Outcomes and Lessons Learned from Recent ZQM Control Studies, is now available here:

<https://invasivemusselcollaborative.net/event/webinar-outcomes-and-lessons-learned-from-recent-zqm-control-studies/>

Events: Webinars, Trainings, Conferences and Meetings

Watercraft Inspection Training

For more information go to <https://www.westernais.org/> (under the “Training” tab) or contact Quagga D @ (702)236-3814 or quaggadee@cox.net

Because of concerns due to the rapid spread of COVID-19 upcoming meetings and events listed below may be postponed, cancelled or converted to teleconferencing events. Please check directly with the organizers of these events for the most up-to-date information. Stay at home if you can, wear a mask, and help flatten the curve.

2020

September

[Montana Invasive Species Council Meeting](#) (9/3/20) To participate via zoom, email shawna.swanz@mt.gov with your name and a request, and instructions will be sent for joining and participating in the meeting by 5 p.m. the day before the meeting. Written comments may be emailed to staff and forwarded to the committee.

The WRP Virtual Annual Meeting will be held the week of September 14-18. The WRP is reopening the submission period for abstracts. With the virtual format, geographic and financial limitations will have less of an impact on who is able to attend and who can present. There will be four sessions: invertebrates (mussels, crayfish, etc.), coastal issues, invasive fish, and aquatic invasive plants. Registration for the 2020 Virtual Annual Meeting is now open. Register as soon as possible to assure that you have a spot at the virtual meeting. Each day has its own registration that you will have to complete separately. You can find the agenda, registrations links, and more at the WRP's website here: <https://westernregionalpanel.org/2020-virtual-meeting/>

[Washington Invasive Species Council Meeting](#) Sept 24th Information Coming Soon.

[Webinar] NAISMA: [September 16 – Ken Donnelly, Beyond Attitude Consulting: Leaps and Bounds – How to jump over the barriers to preventing the spread of invasive species](#)

[2020 MAISRC Research and Management Showcase - Sept. 22-24, 2020](#)

October

[Virtual NAISMA Conference: Transboundary Cooperation](#) October 6-8, The only invasive species management conference to... Bridge geographic divides between West and East, North and South, land and water, Connect science to action through research, policy, and outreach initiatives and opportunities across North America.

[2020 15th Annual Biocontrol Industry Meeting](#): Date: Oct 19, 2020 to Oct 21, 2020.
Venue: Congress Center Basel. Location: Basel, Switzerland (Virtual)

[Alaska Annual Invasive Species Workshop](#) – Dates: October 27-29, 2020, Online - The workshop is a forum for discussing invasive species management activities within the state, offers expert presentations about emerging invasive species science and management issues, and training for new and experienced invasive species managers alike.

November

Dear friends of the [Upper Midwest Invasive Species Conference](#), As we make the pivot to an online event this fall, the UMISC Executive Committee decided to adjust our dates to avoid overlap with other relevant conferences and field season. UMISC Online will be held November 2 - November 6, 2020. We are expanding to a whole week to accommodate the breadth of content the UMISC audience expects with sufficient time for breaks and networking. If polls are open on Election Day, there will be extra free-time that day for voting!

[Biofouling Global Virtual Seminar](#) November 16-17, 2020; Virtual Seminar. The IMO presents the next steps for controlling biofouling and invasive species. Management and prevention of biofouling. Find out what best practice looks like. Discover the latest solutions.

[North American Lake Management Society](#) November 16-20, 2020; Virtual Seminar

[\[Webinar\] NAISMA: November 18 at 1:00 pm CT: The ABCs of Invasive Species Organizations and How They Work Together.](#) Presented by: Chuck Barger

December

[Mississippi River Basin Panel Meeting](#) December 2, 2020; Virtual Meeting

[Washington Invasive Species Council Meeting](#) December 10th Information Coming Soon.

[Innovations in Invasive Species Management Conference and Training](#) December 14-17th, 2020, Nashville, TN

2021

May

[International Conference on Marine Bioinvasions XI](#) Annapolis, Maryland, USA, May 10-14, 2021

The Society for the Study of Marine Bioinvasions (SSMB) is excited to invite you to attend the XIth International Conference on Marine Bioinvasions in Annapolis, Maryland, USA. The meeting dates will be May 10-14th, 2021 (including associated activities), and the conference will be hosted by the Smithsonian Environmental Research Center's Marine Invasions Lab. We are actively working with the SSMB Scientific Steering Committee to create a stimulating and productive program. Information on meeting themes, guest speakers, special events, student travel funds, and local attractions will be posted on our website over the coming months:

<http://www.marinebioinvasions.info>

October

[World Fisheries Congress](#) 11-15 October, 2021 Adelaide, Australia

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