RECOMMENDED READING \* PUBLIC COMMENT \* NEW SPECIES \* WATCH LIST \*
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BALLAST WATER/BIOFOULING \* MARINE \* GREEN CRAB \* AQUACULTURE
FRESHWATER \* FISH \* AQUATIC PLANTS \* CLIMATE CHANGE \* OUTREACH AND
EDUCATION \* OTHER \* JOBS/GRANTS \* LEGISLATION \* EVENTS

#### RECOMMENDED READING

Gov. Little comments on quagga mussel detection in Snake River (9/24/24)

Second treatment announced for quagga mussels in the Snake River (10/7/24)

The Idaho State Department of Agriculture (ISDA) announced today a targeted quagga mussel treatment set to begin Tuesday, aiming to eradicate the small population of the invasive species in the Snake River.

Tuesday October 8, ISDA and contractors will launch a 10-day comprehensive treatment from downriver of Hansen Bridge to Centennial Waterfront Park.

The treatment product is the same product used to treat the Snake River in 2023, a copper-based product called, Natrix. The 2023 Natrix treatment significantly reduced the quagga mussel population in the Snake River.

The upcoming treatment is the first of the multi-faceted treatment plan. ISDA is planning a second treatment in November to target quagga mussels in still water and deep pool sections of the river.

"This treatment plan reflects Idaho's commitment to using every available tool to combat this threat," said ISDA Director Chanel Tewalt. "By combining targeted treatments with ongoing monitoring, we are maximizing our efforts with the ultimate goal of eradication."

Natrix is labeled and approved by the Environmental Protection Agency for these kinds of aquatic applications. The treatment is being applied at one part per million, a rate intended to eradicate mussels but is below the drinking water standard for humans. The copper-based

treatment application is occurring across an eight-mile section, less than one percent of the Snake River.

River access from Hansen Bridge to Yingst Grade is closed. It is not required by product label, but out of an abundance of caution to minimize exposure, ISDA advises the public to stay out of the dissipation area, from Hansen Bridge to Kanaka Rapid.

The treatment is expected to dissipate to normal river copper levels eighteen miles downriver at Kanaka Rapid. ISDA and the Idaho Department of Environmental Quality will routinely monitor the river from downriver of Hansen Bridge to Kanaka Rapid to evaluate treatment effectiveness and copper dissipation.

ISDA confirmed Tuesday September 24, 2024, a small number of quagga mussels in multiple samples in the Twin Falls area of the Snake River.

Sign up for Snake River Quagga updates here: link

Fish and Game to monitor impacts to fisheries from quagga mussel treatment (10/9/24)

PUBLIC COMMENT	
NEW SPECIES & SIGHTINGS	

Want to get more new species alerts?
USGS NAS: <a href="https://nas.er.usgs.gov/AlertSystem/default.aspx">https://nas.er.usgs.gov/AlertSystem/default.aspx</a>
IMAP INVASIVES: <a href="https://www.imapinvasives.org">https://www.imapinvasives.org</a>

Dreissenids:

#### [Minnesota]

Zebra mussels confirmed in Cedar Lake in Morrison County (9/26/24) The Minnesota Department of Natural Resources has confirmed the presence of zebra mussels in Cedar Lake, near Upsala in Morrison County. The Pine-Cedar Lake Association contacted the DNR after finding zebra mussels on settlement samplers at multiple locations around the lake Zebra mussels confirmed in Rice Lake in Hennepin County (10/10/24) The Minnesota Department of Natural Resources has confirmed the presence of zebra mussels in Rice Lake,

located partially in Maple Grove, Hennepin County. A Rice Lake property owner contacted the DNR after finding zebra mussels attached to a settlement sampler fixed to their dock

Other:

WATCH LIST

- Alaska: Report your sightings via the <u>ADF&G Invasive Species Reporter</u> 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
- 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

# DREISSENID MUSSELS

<u>Decrease in zebra mussel larvae in Colorado River (9/24/24)</u> Colorado Parks and Wildlife has seen a decrease in zebra mussel veligers found in the Colorado River. While there's been a decrease in the mussel larvae it doesn't mean they have been eradicated entirely.

<u>Multiple Zebra Mussels Confirmed in Clear Lake, Manitoba (9/24/24)</u> Parks Canada staff have found six living juvenile zebra mussels attached to infrastructure on the north shore of Clear Lake.

<u>Invasive quagga mussels found again in Snake River increase threat to Oregon waterways</u> (9/25/24) To date quagga or zebra mussels have not been detected in Oregon's waterways but watercraft inspection stations around the state have already decontaminated six watercraft carrying quagga or zebra mussels in 2024

<u>Invasive mussels continue to spread in Mountain West (10/1/24)</u> In 2007, quagga mussels were discovered in Lake Mead in Nevada – the first time either species was found west of the

Continental Divide. But now, they've been detected in every Mountain West state except for Wyoming and New Mexico. Montana is also considered "mussel free" because it hasn't seen them in more than five years.

Grateful Magic Valley growers and irrigation entities praise ISDA's quagga response (10/1/24) After the announcement of quagga mussels detected in the Snake River last year and again this September, a coalition of major agricultural commodity organizations voiced their support for the Idaho State Department of Ag's aggressive treatment plan.

NOAA taps invasive mussels to track Great Lakes pollution (10/1/24) Now the invasive species are acting as unlikely allies in identifying pollution hotspots.

# BOAT INSPECTION/DECON

Mussel infested boat intercepted at watercraft check station in northeast Wyoming (9/25/24) A watercraft harboring live, invasive zebra mussels was intercepted on Sept. 22 at the northeast Wyoming border by the Wyoming Game and Fish Department... The watercraft had been moored for several months in South Dakota's Pactola Reservoir, where a population of mussels was discovered in 2022.

Additional invasive-species check station mulled near Owyhee Reservoir (9/27/24) A watercraft inspection station near Owyhee Reservoir's north access would help keep invasive quagga and zebra mussels out of the southeast Oregon impoundment, according to supporters.

Small invader, big impact: On quagga alert in Malheur County (10/1/24) Libby Adams is a lone sentry, standing guard at the Idaho border, watching for an invading force that could cripple Malheur County's economy.

# BALLAST WATER/BIOFOULING

National ballast water standards only apply to new vessels on the Great Lakes (9/25/24) Existing Great Lakes vessels are exempt from installing treatment systems to control the spread of invasive species

More Sailing Cargo Ships Highlight the Success Of BIO-UV Group's Long-Term Partnership with Piriou Group (9/25/24) France-based water treatment pioneer BIO-UV Group has secured an agreement with shipbuilder Piriou Group to supply its BIO-SEA ballast water treatment technology for a further six wind-powered cargo ships...

New requirements for hard copy and electronic Ballast Water Record Books (9/30/24) Two IMC resolutions relating to the Ballast Water Management Convention are coming into effect that change the format of the Ballast Water Record Book (BWRB) and introduce new requirements for the use of electronic BWRBs:
MARINE
GREEN (5-SPINED) CRAB
Now Available: European Green Crab 2025-2031 Management Plan for Washington
Oyster Grower Perspectives on Green Crab (Carcinus maenas) Interactions: Using Applied Social Science to Inform Research and Engagement
AQUACULTURE
Ocean Rainforest Farms Seaweed in Southern California (9/25/24) Javier Infante is a seaweed scientist doing cutting-edge research offshore Santa Barbara, California.  B.C. aquaculture facility fined \$350,000 for operating without a licence (9/26/24) A Powell

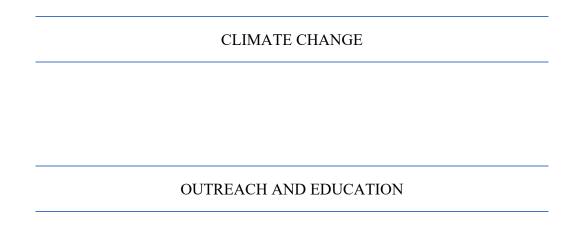
B.C. aquaculture facility fined \$350,000 for operating without a licence (9/26/24) A Powell River lake-based aquaculture site that cultivates rainbow trout has been fined following a lengthy investigation conducted by Fisheries and Oceans Canada

EDF highlights suitable species for US offshore aquaculture (9/27/24) As US lawmakers consider legislation that would develop open ocean aquaculture, a new report from the Environmental Defense Fund (EDF) provides critical insights into species that may be optimal for farming in open ocean environments

<u>US federal court strikes down Army Corps of Engineers' aquaculture permits (10/9/24)</u> The U.S. Federal Court for the Western District of Washington has ruled that the U.S. Army Corps of Engineers' permit authorizing finfish aquaculture in federal waters is unlawful.

<u>'Transition Plan' leaves B.C.'s salmon farming sector swimming in uncertainty (10/14/24)</u> "Right now, we're in a discussion about transitioning from this excellent aquaculture sector to

	FRESHWATER
(10/8/24 and get t	25-pound rodent spreads in California Bay Area, posing health and infrastructure threa The Contra Costa County Department of Agriculture has launched into action to try he word about the rodents and said it's working with state wildlife officials to detect an species from spreading.
water an crayfish,	ake's water, newts at risk from invasive crayfish (10/10/24) Crater Lake's famously pured a newt that calls the lake home are under threat from the explosion of an invasive leading to potential action under the Endangered Species Act, the U.S. Fish and Service announced.
	FISH
Chesape Marylan that the i Even clo larva ma	The Snakeheads: Study Finds Invasive Species May Spawn Twice A Year In The ake Bay (9/24/24) As the state continues to fight the spread of northern snakehead, d Department of Natural Resources Biologist Dr. Joseph Love has uncovered evidence nvasive species could be spawning twice a year in Bay waters.  Sely-guarded Illinois wetlands can't keep out the carp (9/27/24) Silver and bighead carpaged to sneak in during a flood while the Emiquon Nature Preserve's water control was still under construction.
	AQUATIC PLANTS



The <u>Expect to Inspect</u> program is live, promoting watercraft inspection and decontamination services to traveling boaters nationwide.

From an interactive map of inspection and decontamination stations to a one-stop-shop for interstate laws and regulations on AIS, this resource is a key hub for traveling boaters looking for how to stay compliant. Key updates are shared below.

- The development of *Expect to Inspect* was primarily funded by a Quagga and Zebra mussel Action Plan (QZAP) grant. With that funding nearly spent down, the opportunity comes to continue the marketing and promotion of the program. Outreach kits containing rack cards, posters, and decals are available to order <a href="here">here</a>. These materials are FREE to anyone active in outreach.
- Please take the time to fill out the <u>State AIS Inspection Survey</u>, to provide a baseline indicator before *Expect to Inspect* is promoted in full. Multiple managers from the same state may complete the survey, and the results will be averaged. If you are unable to complete the survey, please forward on to someone who may.
- Finally, you may have seen that a <u>digital marketing campaign</u> was recently launched in Colorado. We are looking for additional partners interested in running similar campaigns in your area.

OTHER	

National Invasive Species Council (NISC). 2024. How to Reduce the Risks of Introducing and Spreading Invasive Species in a Major Disaster. National Invasive Species Council. Washington, DC. <a href="https://www.doi.gov/invasive-species-and-disasters">https://www.doi.gov/invasive-species-and-disasters</a>

Hawaii has gone down under for invasive species advice – again (9/24/24) A delegation of Hawaii lawmakers and officials recently returned from a more than \$50,000 visit to New Zealand seeking ways the state could better shield itself from invasive species – advice it failed to heed almost two decades ago. The South Pacific nation had originally offered suggestions during a similar trip in 2006, but it was not until this year that Hawaii invested millions of dollars into biosecurity to battle swarms of fire ants and coconut rhinoceros beetles.

<u>Detective Dogs, Toads, and Artificial Intelligence Can Help Control Invasive Species (10/14/24)</u> In recent years, ecologists have turned to novel ways to stop destructive species.

# JOBS/GRANTS

#### New:

- The Office of Personnel Management launched a <u>new portal</u> 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 <u>specific jobs at PSMFC</u>

#### Jobs

Skokomish Indian Tribe: Vacancy Announcement Aquatic Invasive Species Coordinator Shellfish Program Manager

Open Until Filled \$46,000-\$64,000 Annually 1 Fte

Representative Duties Include: This position will join the Skokomish shellfish team as a skilled scientific biologist to focus on Aquatic Invasive Species (AIS) detection, impacts, and removal. Will work alongside tribal partners and state co-managers in extensive trapping efforts to assess the full scope and scale of current European Green Crab (EGC) invasions. Additional to EGC work, this position will serve as lead for subtidal tunicate, oyster drill, and intertidal macroalgae detection, identification, impact assessment and removal. This is a 2-year position, subject to renewal. Collaboration and Detection Response: Work with state co-managers and partners (e.g., WDFW, Washington Sea Grant crab team, other tribes, shellfish growers, etc.) on removal efforts and regional rapid response actions for new EGC detections. Field Operations: Assemble field gear, navigate to remote locations, set traps, and operate aluminum boats and non-motorized watercrafts Trapping Assessments: Conduct land-based and boat-based trapping assessments throughout Hood Canal to determine EGC distribution and abundance, including early detection monitoring at un-surveyed sites

Virginia Tech: Associate or Full Professor – Invasive Species Economist

Job no: 530578

Work type: Teaching & Research Faculty

Senior management: Agriculture & Life Sciences

Department: Agricultural & Applied Economics

Location: Blacksburg, Virginia Categories: Agriculture / Life Science

Open until filled Job Description

The College of Agriculture and Life Sciences (CALS) and the College of Science (COS) at Virginia Tech are inviting applications for a 9-month (academic year) tenure-track research and teaching position at the Associate or Full Professor level in applied economics with a focus on invasive and other harmful species

MS Graduate Research Assistant: Minimizing Aquatic Invasive Species Pathways

South Dakota State University (State)

Details: Application Deadline - 11/22/2024 Starting Date: between 5/1/2025 and 7/31/2025

Hours per Week: at least 40

Applications are open for a Graduate Research Assistant (GRA) position (M.S. Level) in the Department of Natural Resource Management department at South Dakota State University (SDSU) under the supervision of Dr. Alison Coulter.

The selected student will lead collaborative work between SDSU and USGS to explore current preventative strategies for aquatic invasive species (AIS) in the Upper Mississippi River, rank which pathways pose the most risk for introductions of AIS, and identify barriers for why states may not be able to implement actions to reduce risk. Interested students will be responsible for designing and conducting interviews/email surveys with AIS experts, collecting and analyzing data, and drafting publications and education materials. Opportunities for undergraduate student mentoring.

Montana Fisheries Technician positions: <u>Fisheries Technician 4</u> (Great Falls, MT) Fisheries Technician 5 (Dillon, MT)

#### 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 November 15 – January 15 will be evaluated with an anticipated award date of March 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). 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 <u>Rapid Response Fund for Aquatic Invasive Species</u>. 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 <u>HERE</u>. Additional questions may be directed to myself at 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 <a href="European green crab emergency">European green crab emergency</a>. Please visit <a href="https://rco.wa.gov/about-us/employment-and-contracts/">https://rco.wa.gov/about-us/employment-and-contracts/</a> 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 <a href="https://wdfw.wa.gov/species-habitats/invasive/carcinus-maenas">https://wdfw.wa.gov/species-habitats/invasive/carcinus-maenas</a> and <a href="https://wdfw.wa.gov/news/emergency-measures-deployed-control-invasive-european-green-crabs-washington-waters">https://wdfw.wa.gov/news/emergency-measures-deployed-control-invasive-european-green-crabs-washington-waters</a>

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 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.

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.

LEGISLATION

# Advocacy

## State/Provincial

South Dakota lawmakers want more done fighting off zebra mussels (10/9/24) Some state lawmakers gave a blunt message to the state Wildlife Division Director the other day.

#### Federal: Executive

USDA Forest Service Bipartisan Infrastructure Law investments tackle the threat of invasive species across the nation (10/10/24)

The U.S. Department of Agriculture's Forest Service is awarding \$16 million in strategic investment in more than 100 projects in 37 states and two territories to combat the spread of invasive species threatening ecosystems. Thanks to the Forest Health provision of the Bipartisan Infrastructure Law, the Forest Service has invested \$56 million to combat invasive species since 2022...For more information on how the Forest Service is investing through the Bipartisan Infrastructure Law to address invasive species, visit <a href="https://www.fs.usda.gov/managing-land/invasive-species/funded-projects">https://www.fs.usda.gov/managing-land/invasive-species/funded-projects</a>.

# Federal: Congressional

Lawmakers race to avoid farm bill disaster (9/29/24)

The stopgap farm bill is set to expire next week — and the congressional coalition that the massive legislation has relied on for half a century is on the verge of breaking down. Now congressional negotiators are desperately racing against long odds to minimize the damage before benefits run out at the end of the year.

McGovern — another senior member of the Agriculture Committee, was less optimistic. He predicted that the stark policy differences between the parties in the House — combined with the lack of movement on the farm bill in the Senate — mean that Congress will inevitably have to pass another extension of the 2018 law in the lame-duck session. "We'll have to do an extension when we get back," he said. "I'm aware of no serious conversations, and the Senate hasn't passed anything."

House Passes Legislation Supporting Coastal Resiliency and Domestic Energy Production, Restoring Lake Tahoe Region and More (9/24/24)

On 9/24 the U.S. House of Representatives passed 13 House Committee on Natural Resources bills, including ones supporting geothermal energy production, bolstering coastal resiliency efforts, managing forests in the Tahoe Basin and more. <u>S.612</u>, the Lake Tahoe Restoration Reauthorization Act, *introduced by U.S. Sen. Catherine Cortez Masto (D-Nev.)*, will support restoration activities around Lake Tahoe by extending the authorization for cooperative authorities and the period of time funding can be spent on fuel reduction, erosion control and reforestation [and invasive species] around Lake Tahoe. U.S. Reps. Mark Amodei (R-Nev.), John Duarte (R-Calif.) and Kevin Kiley (R-Calif.) are leading House companion legislation.

## Federal: Appropriations

#### Gaming out the lame duck (9/26/24)

The halls of Congress have gone silent until November, but lawmakers know they'll be coming back to a hefty to-do list in the post-election lame duck session. The exact scope and ambition of that work, though, will be shaped by how that election turns out, lawmakers from both sides tell Inside Congress...Asked by Inside Congress about his December predictions, Senate Majority Whip Dick Durbin (D-Ill.) shot back with, "How do you see the election shaking out?" His counterpart, Minority Whip John Thune (R-S.D.), agreed: "Hard to say. I think a lot of it'll be shaped by what happens in November." Some items are surer bets than others and include Government funding, Annual Defense Bill and Farm Bill.

**Note:** Hopefully the 2024 Water Resources Development Act will be passed in the lame duck session as well..stay tuned.

	EVENTS	
Archived Events:		

## **Ongoing Training Opportunities:**

Watercraft Inspection Training:

Level 1&2

- November 12-14
- December 10-12

#### Level 3

• December 17-19

#### DOI Invasive Species Training Opportunities Spreadsheet

#### PNW IPC Citizen Science Trainings

<u>InvasivesU – NAISMA</u> - 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

#### October

NAISMA: October 16, 2024 @ 1:00 pm - 2:00 pm CDT Webinar: White-Nose Syndrome and Bats

AFWA: Found it! Enhancing eDNA Surveillance with the National EDRR Framework Oct 17, 2024 01:00 PM in Mountain Time (US and Canada)

Join us as we continue our webinar series on eDNA tools and resources available through the National Early Detection and Rapid Response (EDRR) Framework for invasive species. The upcoming webinar builds off the first webinar and will feature: \*presentations on how National EDRR Framework eDNA tools and services are helping to address some of the barriers, concerns, and opportunities participants have shared \*a presentation on a state/ federal collaboration demonstrating application of eDNA in the Great Lakes

The Invasive Species Advisory Committee will convene in-person on Monday, October 21, 2024, 8:00 a.m.- 5:00 p.m. (HST); Tuesday, October 22, 2024, 8:00 a.m.-11:00 a.m. (HST); and, Wednesday, October 23, 2024; 8:00 a.m.-5:00 p.m. (HST). The general session proceedings will also be streamed virtually via Zoom webinar. Registration is required for all in-person attendees

and virtual participants at: <a href="https://forms.office.com/g/VmCNxLGn5A">https://forms.office.com/g/VmCNxLGn5A</a> Note: Virtual access to the general session portions of the meeting will be in "listen only" mode.

This year the <u>annual WRP meeting</u> will be in Grand Junction, Colorado on October 23-25 and hosted by Colorado Parks and Wildlife.

<u>Invasive Mussel Collaborative Webinar:</u> The duality of shell deposition: how zebra mussel shells introduce a novel substrate in urban and degrade habitat in rural streams October 30th, 10-11 a.m. Eastern (9 - 10 p.m. Central, 8 - 9 a.m. Mountain, 7 - 8 a.m. Pacific)

#### November

<u>2024 Upper Midwest Invasive Species Conference!</u> Duluth, Minnesota Tuesday, November 12th - Thursday, November 14th, 2024

#### December

December 3, 2024 9am – 4pm <u>Oregon Invasive Species Council Meeting</u>, ODFW HQ, Salem OR

December 5, 2024 @ 11:00 am - 3:00 pm CST NAISMA Annual Biocontrol Summit

December 5, 2024 Washington Invasive Species Council Meeting, Olympia OR

December 10-11, 2024, 100th Meridian CRB AIS Team Meeting - Northern Quest Resort & Casino. Spokane, WA. Please contact <u>Leah Elwell</u> for agenda questions or <u>Amy Stark</u> for all other questions.

#### 2025

#### January

<u>Conservation Detection & Nosework Seminar 2025</u> Holne Park House - River Dart Country Park We're thrilled to announce that we are co-hosting the Conservation Detection & Nosework Seminar from 28 - 30 January 2025, in Devon, United Kingdom. This exciting event, held in partnership with Dogs with Jobs, promises to be a unique opportunity for learning and collaboration.

#### February

<u>2025 Wild Spotter Invasive Species Ambassador Training Course</u> Feb 04, 2025 - Feb 06, 2025 Lake Guntersville State Park, Guntersville, Alabama

<u>2025 33rd USDA Interagency Research Forum on Invasive Species</u> 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

<u>2nd National Forum on Biological Control Conference, April 14-17, 2025, Annapolis, MD.</u> This event, led by the USDA Forest Service in partnership with NAISMA and the National Association of State Foresters (NASF), is the premier gathering for biocontrol practitioners, researchers, policymakers, and other professionals dedicated to addressing the challenges and exploring the opportunities in weed and arthropod biocontrol.

The **2025 Pacific Ballast Water and Biofouling Group Meeting** has been scheduled for April 29 & 30, 2025. It will be held at Hyatt Centric The Pike Long Beach in Long Beach, California. Registration and hotel room block information will be released in early 2025. Contact <u>Amy Stark</u> if you have any questions.

#### October

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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