



AQUATIC INVASIVE SPECIES NEWS

3/20/17

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DREISSENID MUSSELS

[Exploring the death, and life, of the Great Lakes \(3/13/17\)](#)

..As Egan explains in his new book, "The Death and Life of the Great Lakes," the Clean Water Act took steps in battling industrial pollution. But it failed to deal with biological pollution, which today is causing damage at an alarming speed. Invasive species like sea lamprey and zebra mussels have destroyed ecosystems and set the stage for new disasters, like the toxic algae bloom that cut off Toledo, Ohio's drinking water in 2014...

[CA: Invasive mussel detected in water pipeline connecting Silverwood, Perris lakes \(3/5/17\)](#)

...Scientists are attempting to solve the mystery of how the invasive mussels would show up in the pipeline, but never have been found in Silverwood Lake or in Lake Perris... Because of the finding, the state is increasing its sampling from twice monthly to weekly along selected locations upstream and downstream of the Santa Ana pipeline, Chu said...

[Manitoba: 'Spot the Stripes and Stop the Spread' - new campaign against mussels \(3/2/17\)](#)

The Manitoba government has launched a public awareness campaign, called ‘Spot the Stripes and Stop the Spread’, to encourage water-users to help in the battle against zebra mussels and other aquatic invasive species (AIS), Sustainable Development Minister Cathy Cox announced today.

Related Articles: [Campaign looks to muscle out mussels \(3/3/17\)](#)

[Havasu manufacturer joins mussel fight \(3/16/17\)](#)

A Havasu-based anchor manufacturer will join the fight against Arizona’s quagga mussels this year, alongside the Lake Havasu Marine Association and a multi-state coalition of government agencies...The plan is to place permanent plaques to each anchor, advising boaters of the need to clean, drain and dry their respective watercraft and prevent the spread of invasive quagga mussels to other bodies of water...

BOAT INSPECTION/DECON/TECH NEWS

[Corps Issues Documents Allowing Cost-Share in Effort to Prevent Invasive Mussels in Columbia River Basin \(3/10/17\)](#)

The U.S. Army Corps of Engineers has agreed to participate in cost sharing with Northwest states -- depending on the availability of federal funding-- to expand boat inspection stations to detect invasive, destructive species such as zebra or quagga mussels... Documents are available at
<http://www.nww.usace.army.mil/Missions/Environmental-Compliance/>.

[CA: Quagga program gearing up at Clear Lake \(3/7/17\)](#)

The Lake County quagga mussel prevention program is cranking up again as the spring and summer months approach... the program has been going on throughout the winter but with a smaller staff of boat monitors at the public boat ramps...

[MT: Missoulian Editorial: Support new rules to check the spread of invasive mussels \(3/9/17\)](#)

...Montana Fish, Wildlife and Parks is currently gathering public comment on several amendments concerning the agency’s battle against aquatic invasive species. ...
The aim of the new regulations is to “contain, detect and prevent the risk of spreading” invasive aquatic species. The focus is on mussels but the fact is that these steps will likely help minimize the spread of other invasive species as well...

Proposed Rule: The proposal contains several new regulations, including:

- Mandatory inspections of out-of-state motorized or nonmotorized watercraft prior to launching on any Montana waterbody.
- Mandatory inspections of motorized or nonmotorized watercraft traveling across the Continental Divide into the Columbia River Basin within Montana.
- Mandatory inspections of all motorized or nonmotorized watercraft coming off Tiber and Canyon Ferry reservoirs, and decontamination if necessary.
- Mandatory removal of boat drain plugs; if the watercraft doesn't have drain plugs, reasonable measures must be taken to dry or drain all compartments, including bilges.

Montana boaters face increased inspections this season (3/6/17)

Last fall's discovery of invasive mussels in Montana has led to an escalation in the Treasure State's war on aquatic invasive species, so boaters can expect things to be very different this season...“We have been working on a plan to develop containment of both Tiber and Canyon Ferry,” said Eileen Ryce with Montana Fish, Wildlife and Parks. “We also have an increased plan for the prevention of further introductions.”...

Related Articles:

[Whitefish Plans to Double Invasive Species Budget \(3/5/17\)](#)

[MT: Boat inspection stations begin operations at Pablo, Clearwater Junction \(3/8/17\)](#)

[First watercraft inspection stations open for 2017 boating season \(3/8/17\)](#)

[Glacier park easing boating restrictions due to mussels \(3/17/17\)](#)

[MTFWP Set to Inspect Watercraft at Canyon Ferry Reservoir at Silos Boat Launch \(3/17/17\)](#)

MARINE

From entanglement to invasions of alien species—the harm caused by marine litter (3/17/17)

...The invasion of our waters by non-indigenous species is one of the greatest drivers of biodiversity loss, posing a threat to the integrity and functioning of ecosystems. Marine litter can act as an enabler of this loss: non-indigenous invasive species often use litter in the ocean as a habitat in which to hide, as a platform on which to settle or as a transport medium for moving into new territories...

BALLAST WATER/BIOFOULING

[Ballast Water Treatment: A ‘Sample’ of What to Expect Next \(3/18/17\)](#)

...Time does fly when you are having fun. In the first quarter of 2017, it is nice to see that we've moved along expeditiously towards a final solution. And that's just we're doing, apparently – moving briskly right along. The ratification of the IMO ballast water convention has been followed in short order by the U.S. Coast Guard's approval of not one, but three OEM BWT systems. A fourth is in the pipeline. A new bill inching its way through the federal legislative process – the so-called C VIDA bill – promises to unite all domestic regulatory oversight into a single entity. Separately, and according to ABS Regional VP Michael Michaud, it is possible if not very likely that as many as 12 BWT systems in total could be approved by the end of the year....

[Bide time on new ballast water systems, shipowners advised \(3/14/17\)](#)

Shipowners have been advised to hold off on installing expensive new ballast water treatment systems, despite a new standard being introduced later this year...

[BWMS type approval certificates available online \(3/13/17\)](#)

In response to widespread interest from the maritime industry, the Coast Guard will post copies of ballast water management system type approval certificates on its ballast water [portal](#)....

[Great Lakes Seaway Ballast Water Working Group releases 2016 ballast water management report \(3/7/17\)](#)

The Coast Guard announces the release of the Great Lakes Seaway Ballast Water Working Group's 2016 [Summary of Great Lakes Seaway Ballast Water Management activities](#).

[Problems claimed in USCG equipment tests \(3/3/17\)](#)

There are “significant problems with the USCG Independent Laboratory (IL) certification testing process” that are “resulting in the same uncertainties and scepticisms that are associated with BWMSs certified under the [IMO] G8 Guidelines,” according to Mario Tamburri, a research professor at the University of Maryland Center for Environmental Science in the US.

[USCG Clarification on the ballast water management extension program \(3/7/17\)](#)

This week, the Coast Guard issued an update to procedures for requesting extensions for compliance with Ballast Water Management regulations found at 33CFR part 151. This

update was issued in response to hundreds of extension requests and dozens of questions received by the Coast Guard which indicate a widespread misunderstanding of the previously issued guidance, and an associated need for additional clarity and certainty for all stakeholders. [Marine Safety Information Bulletin](#)

Related Article: [US requires ballast water strategies from vessel operators \(3/6/17\)](#)

[USCG Clarifies Ballast Water Uncertainty in Asia \(3/9/17\)](#)

...Lt Ward confirmed that previously established compliance dates will be honoured but made it clear future extensions will no longer be linked to the vessel drydock cycle. Instead the length of extension will be determined on a case-by-case basis. A good rule of thumb is that owners and operators with a current compliance date beyond 2020 should plan to be in compliance on that date...

[Shipping on the right course for the Ballast Water Management Convention \(3/8/17\)](#)

The Ballast Water Management Convention (the Convention), aimed at establishing standards and procedures to prevent the spread of aquatic organisms, enters into force and takes effect on 8 September this year. While it represents a significant environmental milestone for our planet, the Convention also means that the maritime industry has to gear up for a huge operational change...

Related Articles:

[Global Ballast Water Treatment Systems Market Research Report 2017 \(\\$\\$\\$, 3/17\)](#)

[RINA and Floating Life clarify Ballast Water Convention \(3/3/17\)](#)

[Shipyards need to anticipate 20-40 retrofits per day globally \(3/2/17\)](#)

[Ballast Water Management: Latest Developments \(3/10/17\)](#)

...compliance with the USCG's ballast water management requirements is a Port-State Control priority. In early February, the USCG initiated what appears to be its first civil penalty proceeding against the operator of the bulk carrier after identifying ballast water discharge violations... As such, shipowners must ensure the proper management of ballast when operating in waters subject to U.S. jurisdiction, which includes utilizing one of the compliance options available or ensuring that the vessel has a valid extension to its compliance date. And, very importantly, shipowners should plan now for compliance in the future.

FISH

[Agency delays plan for keeping Asian carp from Great Lakes \(2/28/17\)](#)

The Trump administration has delayed indefinitely a plan for strengthening defenses on a crucial Chicago-area waterway to prevent Asian carp from reaching the Great Lakes, where scientists say they could cause severe harm to native fish populations, officials said Tuesday...

Related Articles:

[Michigan lawmakers ask Trump to release delay on Asian carp plan \(3/3/17\)](#)

[Members of Congress urge Trump to release Asian carp report \(3/4/17\)](#)

[Prize Offered in Fight Against Asian Carp \(3/5/17\)](#)

[Conservationists Blast Trump Funding Cut Proposal for Great Lakes \(3/8/17\)](#)

[Asian carp plan delayed by Trump administration over industry concerns \(3/9/17\)](#)

[Opinion: Gimmickry is not policy in fight against invasive Asian carp \(3/12/17\)](#)

[Trump's budget seeks to eliminate Great Lakes funding to fight toxic wastes and Asian carp \(3/16/17\)](#)

[NOAA Issues Blueprints for Lionfish Traps \(3/3/17\)](#)

For the past three years, Dr. Steve Gittings... has worked to devise an effective lionfish trap... That research is the basis for a guide released by NOAA this week (March 1), which details how to construct two traps that have been found to have some success in catching lionfish...

[Kentucky takes new measures to combat invasive Asian carp \(3/2/17\)](#)

The state of Kentucky is taking new measures to encourage more fishermen to fish Asian carp in an effort to control the invasive species' population, said Ron Brooks, director of the Kentucky Department of Fish & Wildlife Resources...

[Quebec government concerned by presence of grass carp in St. Lawrence River \(3/1/17\)](#)

Quebec's Wildlife Ministry says it is "very worried" about the presence of [grass carp], a harmful species of fish, in some Quebec waterways... One was caught near Contrecoeur, Que., on the South Shore...

[Keeping carp out of the St. Croix River calls for aggressive action \(3/2/17\)](#)

A key emerging concept to stopping carp from invading new waters is to throw everything you can at them ...Executive director Deb Ryun wrote in SCRA's spring newsletter that a healthy ecosystem might be the best defense against carp...

New Scientific Publications:

Haskell, C.A., D.A. Beauchamp, and S.M. Bollens. 2017. [Trophic interactions and consumption rates of subyearling Chinook Salmon and nonnative juvenile American Shad in Columbia River reservoirs.](#) Trans. Am. Fish. Soc. 146(2): 291-298.

...While past studies have shown that juvenile American Shad reduce zooplankton availability for Chinook Salmon subyearlings, our work indicates that they also become important prey after Daphnia abundance declines...

Coulter, A. A., Schultz, D., Tristano, E., Brey, M. K., and Garvey, J. E. (2017) [Restoration Versus Invasive Species: Bigheaded Carps' Use of A Rehabilitated Backwater.](#) River Res. Applic., doi: 10.1002/rra.3122.

...Conclusions from this study regarding the timing of bigheaded carps' use of backwater habitats are critical to integrated pest management plans to control invasive species.

AQUACULTURE

[Canada: Optimism despite mounting losses for GM salmon firm \(3/16/17\)](#)

...“We achieved a major milestone in receiving regulatory approval from Health Canada, [for of our AquAdvantage Salmon] ... During 2016, a coalition of NGOs filed a complaint against the FDA for the approval of AAS in the United States, claiming that the agency did not have the authority to regulate genetically modified animals. The company believes this action, which remains ongoing, lacks legal merit, but it may have the effect of prolonging the commercialization process in the United States.

[BC: First deadly disease diagnosed in BC salmon may be linked to virus \(3/17/17\)](#)

A new study has made it possible to diagnose a deadly disease in British Columbia (BC) farmed salmon, which was linked to a widespread virus...Researchers also showed a correlation between HSMI and piscine reo-virus, suggesting the two might be linked.

[BC: Land-based Atlantic salmon farm ordered to shut down as buyer sought \(3/7/17\)](#)

B.C.'s only land-based Atlantic salmon farm, Kuterra, has been ordered to wind down operations by the Namgis First Nation, even as the company seeks a buyer or partner to pursue expansion...

[Replacing Farms with Fish Farms: The Odd Solution to Both Hunger And Climate Change \(3/17\)](#)

... Imagine a world where our primary protein source wasn't environmentally damaging factory farms, but these eco-friendly, land-based fish tanks. Instead of being served antibiotic- and hormone-laden portions of pork, beef, or chicken, people would have access to fresh fillets from a process that obviates the need to dose away sickness, or artificially spur growth rates...

OTHER

[Stop Aquatic Hitchhikers Campaign is Back \(3/16/17\)](#)

Dear SAH Partners, Educators Reporters and Other Interested Parties: We're back and better than ever! The refreshed and recently revised Stop Aquatic Hitchhikers! campaign is up and running and ready to add value to your aquatic invasive species prevention efforts. [Join the mailing list here](#)

[\[Minnesota\] AIS Detectors, a Citizens Aquatic Invasive Species program \(3/2/17\)](#)

Registration is now open for AIS Detectors, a new volunteer network and science-based training program launched by the Minnesota Aquatic Invasive Species Research Center in partnership with University of Minnesota Extension. Participants will learn how to properly identify and report new findings of aquatic invasive species such as starry stonewort, zebra mussels, round goby, and others...

[ISAC: Invasive Species Impacts on Infrastructure \(12/6/16\)](#)

...this report defines what constitutes infra-structure and the relationship to federal agency authorities, goes on to describes four types of infrastructure including power, water, transportation, and housing systems, and then documents the infrastructure and non-infrastructure impacts of five representative invasive species through detailed case studies. We conclude the report with a set of recommendations to help federal agencies take the necessary action to prevent, eradicate, and control invasive species that have the potential to harm infrastructure within the United States.

WEEDS

[Cheerios Is Giving Away Free Wildflower Seeds to Help Save Bees. But Here's Why You Shouldn't Plant Them \(3/19/17\)](#)

In an effort to help the [declining bee population](#) in the U.S., Cheerios removed its bee mascot Buzz from the front of its cereal boxes and is sending out free wildflower seed packets to people across the country — a move that could be dangerous since some of the flowers included are invasive species to certain areas. Each region of the U.S. has its own way of reacting to different flowers. Among the flower seeds included in Cheerios' giveaway, the Forget-Me-Not is [banned](#) in Massachusetts for being a noxious weed. Another flower, the California poppy, is [listed](#) as an invasive plant to southeastern states...

TRAININGS/WEBINARS/CONFERENCES

[Scotch Broom Ecology and Management Symposium](#)

Date: May 23, 2017

Location: Snoqualmie, Washington

Registration: Free but [pre-registration required](#), maximum capacity is 300 people.

Continuing Education Credits: six recertification credits from Washington State and Oregon State Pesticide Applicator Recertification Credits have been requested

[Webinar: eDNA metabarcoding for invasive fish detection in British Columbia](#)

This talk will explore the use of environmental DNA to detect invasive fish species in water bodies with the goal of developing the best approach to eDNA metabarcoding fish detection in BC lakes.

Date: Wednesday Mar 29, 2017

Time: 12 pm - 1 pm PST

Host: Dr. Davon Callander, Postdoctoral Fellow at Fisheries & Oceans Canada Pacific Biological Station, Nanaimo BC

ISAC Conference Call: March 29th, 2017 from 1:30 to 3:00pm EDT

Paper for Review: [Strengthening Federal-State Coordination, Call Information](#)

JOBS/GRANTS

[2017 Grant Notice of Funding Opportunity: Quagga/Zebra Mussel Action Plan for Western U.S. Waters \(QZAP\) F17AS00160](#)

Closing Date: May 12, 2017

Estimated Total Program Funding: \$940,000

Award Ceiling: \$600,000

Award Floor: \$1,000

This Request For Proposals (RFP) will fund proposals in four principal areas towards the fulfillment of the top priorities in the Quagga/Zebra Mussel Action Plan for Western U.S. Waters (QZAP):

1. 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;
2. Limiting the spread of invasive mussels through containment by increasing compliance with state and tribal laws;
3. Increasing the effectiveness of outreach and education efforts to help advance prevention efforts;
4. Conducting Research consistent with the highest priorities of the 2015 Dreissenid Mussel Research Priorities Workshop which also benefit the priorities 1-3 listed above and the QZAP. Information regarding the 2015 Dreissenid Mussel Research Priorities Workshop can be found online at

http://pdxscholar.library.pdx.edu/centerforlakes_pub/49/

[NOAA Sea Grant 2017 Aquaculture Initiative: Integrated Projects to Increase Aquaculture Production Department of Commerce](#)

Depending on appropriations, NOAA Sea Grant expects to have available a total of \$10,000,000-\$12,000,000 across fiscal years 2017, 2018, and 2019 for a national initiative to increase aquaculture production in the short-term (2-4 years). Letters of Intent are due from Sea Grant Programs via email to oar.hq.sg.aquaculture@noaa.gov by 5:00 pm Eastern, **March 28th, 2017.**

Applications are due from Sea Grant Programs to Grants.gov no later than 5:00 p.m. Eastern Time, **April 18th, 2017.**

[California State University Maritime Academy: Scientific Program Manager](#)

Classification – Administrator II, Time base – Full time Direct/manage all aspects of Golden Bear Facility (GBF) Science Team activities in coordination with the Director, Associate Director and Quality Manager. This recruitment will remain open until filled. A review of applications will begin Monday, **April 3, 2017** and the review period may end at any time thereafter.

FEDERAL/STATE/PROVINCIAL/ LEGISLATION, RULES, ACTIONS

STATE

[ID: Invasive species fee increase for out-of-state boaters wins Senate nod, goes to governor \(3/17/17\)](#)

The Senate has voted 33-1 in favor of [HB 211](#), to raise the invasive species sticker for out-of-state motorboat owners coming to Idaho from the current \$22 to \$30 on Jan. 1, 2018; Sen. Dan Foreman, R-Moscow, cast the only “no” vote. The stickers raise funds for Idaho’s effort to prevent fast-spreading invasive quagga or zebra mussels from taking hold in the state, largely funding inspection stations where potentially infested boats are inspected and, if necessary, cleaned. Sen. Steve Vick, R-Dalton Gardens, said, “The threat of this is from out-of-state boaters. … I think raising the fee on out-of-staters is a very appropriate way to fund this cause.”

Related:

SB1068: Office of Invasive Species Policy,
<https://legislature.idaho.gov/sessioninfo/2017/legislation/S1068/>

H0256: Invasive Species Administrator,
<https://legislature.idaho.gov/sessioninfo/2017/legislation/H0256/>

HJM004: House Joint Memorial on invasive species,
<https://legislature.idaho.gov/sessioninfo/2017/legislation/HJM004/>

[ID: Joint Finance-Appropriations Committee unanimously approves big boost to Ag budget to fund anti-quagga mussel boat inspections \(3/8/17\)](#)

The 2017 program will include:

- o Three additional watercraft inspection stations.
- o Dawn to dusk watercraft inspection operation at all stations.
- o Roving inspection crews.
- o New invasive species program full time staff.
- o Funding for law enforcement to assist with compliance at all stations.
- o Funding for invasive species early detection survey.
- o Funding for education / outreach.
- o 24 hour operation at one station.

Related Articles:

[Irrigation companies request funds from Preston to keep boat inspection stations open this summer \(3/15/17\)](#)

[ISDA head concerned about invasive species bill \(3/17/17\)](#)

[SD: New and modified aquatic invasive species rules finalized \(3/9/17\)](#)

The South Dakota Game, Fish and Parks (GFP) Commission recently finalized new aquatic invasive species (AIS) rules and modifications to the existing rules in an effort to target the most likely ways that these species are moved from water body to water body...

FEDERAL

Trump proposes deep cuts to EPA, federal climate funding (3/16/17)

President Trump's first budget proposal includes a 31 percent cut to the Environmental Protection Agency (EPA) as part of an administration effort to slash federal climate change funding. The [budget blueprint](#), released on Thursday, provides \$5.7 billion for the EPA, down from \$8.3 billion. The budget "discontinues" \$100 million in funding for several climate change programs within the agency, including enforcement for a major Obama-era climate regulation, climate change research and international climate change support...

Reaction: [Abandoning Federal Investments in Ocean Science Jeopardizes Our Nation \(3/17/17\)](#)

CONGRESS

How About One Rule for Ballast Water Instead of Many, Shippers Ask (3/14/17)

...Shipowners and operators say they are tired of trying to anticipate what on-board treatment systems will be required to comply with the myriad regulations states have imposed on top of federal requirements. That is why their national advocacy group, the American Waterways Operators, has thrown its support behind the Commercial Vessel Incidental Discharge Act ([S.168/H.R. 1154*](#)) in Congress...

Related Story: [NY Schneiderman leads coalition of 10 states urging U.S. Senate to oppose bill, Eliminating States' Authority To Protect Waterways Against Pollution From Commercial Vessels \(2/15/17\)](#)

***Note:** [S. 168](#), the Commercial Vessel Incidental Discharge (VIDA) Act, was introduced 1/17/17 by Senator Roger Wicker (R-Miss.). Current sponsors are Sens. Rubio, Nelson, Thune, Sullivan (AK), Schatz (HI), and McCaskill. [The U.S. Senate Committee on Commerce, Science, and Transportation](#) held an executive session on 1/24/17 and S.168 was voted out of committee. **Latest:** A companion bill was introduced in the House [[H.R.1154](#)] on 2/16/17 by Rep. Duncan Hunter [R-CA-50]. A Congressional Budget Office cost estimate on S. 168 can be found [HERE](#).

For Further Information on state management concerns related to VIDA, contact Allen Pleus, WDFW, Allen.Pleus@dfw.wa.gov.

[\[Archived Hearing\] Senate Committee on Environment and Public Works: Examining Innovative Solutions to Control Invasive Species and Promote Wildlife Conservation. \(3/15/17\)](#)

- [Brian Nesvik](#) Chief Game Warden Wyoming Game and Fish Department [Nesvik Witness Testimony 03.15.2017.pdf](#) (2.5 MBs)
- [Carter Roberts](#) President and CEO World Wildlife Fund [Carter Roberts Witness Testimony 03.15.2017.pdf](#) (481.6 KBs)
- [Jim Kurth](#) Acting Director, U.S. Fish & Wildlife Service U.S. Department of the Interior [Kurth Witness Testimony 03.15.2017.pdf](#) (123.8 KBs)
- [Dr. Jamie Reaser](#) Executive Director, National Invasive Species Council Secretariat U.S. Department of the Interior [Reaser Witness Testimony 03.15.2017.pdf](#) (264.4 KBs)
- [David Ullrich](#) Chairman The Great Lakes Fishery Commission [Ullrich Witness Testimony 03.15.2017.pdf](#) (1.2 MBs)

[H.Res.170 - Expressing the commitment of the House of Representatives to work to combat the nationwide problem of invasive species threatening native ecosystems.](#) Introduced on 3/2/17 by [Rep. Stefanik, Elise M. \[R-NY-21\]](#) and [Rep. Thompson, Mike \[D-CA-5\]](#) Expressing the commitment of the House of Representatives to work to combat the nationwide problem of invasive species threatening native ecosystems. [Full text of resolution here](#)

[H.R.1330 - Federal Land Invasive Species Control, Prevention, and Management Act](#) This bill was introduced by [Rep. Mark Amodei \(R-NV\)](#) on 03/02/20 [full bill text here](#)

Summary: The bill targets a substantive annual net reduction in invasive species (IS) through development and implementation of coordinated, strategic plans for prevention, control, and management. The bill directs the Secretaries of Agriculture and the Interior, and other relevant departments to develop plans in coordination with state/local/tribal invasive species councils, weed and pest districts, conservation districts, and others to better control invasive species. The bill also emphasizes the use of cooperative agreements and MOUs to ensure widespread, collaborative implementation of the plans.

In addition, the bill:

- Requires that 75% of current funds allocated to IS control should be used for control and management activities
- Provides for Categorical Exclusions (CE) for use in high-risk invasive encroachment scenarios

- Requires Secretaries to submit a report to Congress 60 days following the end of the second fiscal year after enactment of the Act to measure implementation and assess progress
- Requires the Secretaries to engage in ongoing coordination with on-the-ground experts

Note: The Senate companion bill is [S.509 - Federal Land Invasive Species Control, Prevention, and Management Act](#). This bill was introduced by [Sen. Barrasso, John \[R-WY\]](#) on 03/02/2017 and co-sponsored by Republican Sens. Lisa Murkowski of Alaska, James Risch of Idaho and Mike Enzi of Wyoming.

MEETINGS

MARCH

The next **Washington Invasive Species Council** meeting will be held **March 23rd** from 9:00 am to 3:00 pm at the Washington State Natural Resources Building, Meeting Room #172, 1111 Washington St. SE, Olympia, WA 98501. The meeting agenda is attached here. Meeting materials will be available at <http://www.invasivespecies.wa.gov/meetings.shtml> by March 16th.

APRIL

The next meeting of the [Pacific Ballast Water Group](#) will be April 12 & 13 in Portland, Oregon. Meeting details [HERE](#).

MAY

[Aquatic Nuisance Species \(ANS\) Task Force Meeting, Lake Tahoe, CA, May 2-4, 2017](#)

Come to Detroit! Find out what's in store for IAGLR's [60th Annual Conference on Great Lakes Research](#), scheduled for May 15-19, 2017, in Detroit, Michigan. The theme for the conference is *From Cities to Farms: Shaping Great Lakes Ecosystems*. Sessions include -- Physiology and ecology of dreissenid mussels: adaptation, impacts, and control.

[Scotch Broom Ecology and Management Symposium](#)

Date: May 23, 2017

Location: Snoqualmie, Washington

Registration: Free but [pre-registration required](#), maximum capacity is 300 people.

Continuing Education Credits: six recertification credits from Washington State and Oregon State Pesticide Applicator Recertification Credits have been requested

JUNE

Invasive Species Research Conference: Calling all invasive species researchers and practitioners! Thompson Rivers University and the **Invasive Species Council of BC** are excited to co-host the 2017 Invasive Species Research Conference - Turning Science into Action, being held in beautiful Kamloops, June 20 - 22, 2017

JULY

Next ISAC Meeting, July 18–20, 2017 (Washington, DC).

July 23-27: 2017 PNWER Annual Summit, Portland, Oregon: Invasive Species Working Group Meeting will be held 7/26.

SEPTEMBER

Western Regional Panel on Aquatic Nuisance Species: September 12-15, 2017 – San Diego, CA
Abstract submission underway. submit online. Deadline for abstract submission is April 29.

OCTOBER

REGISTRATON OPEN: International Conference on Aquatic Invasive Species (ICAIS) - October 22-26, 2017 – Fort Lauderdale, Florida

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