



Fall Meeting

Delmar, NY

December 10-11, 2019



NEANS

NORTHEAST AQUATIC
NUISANCE SPECIES PANEL





Conference call and webinar access

Dear NEANS Panelists and ANS friends,

This document provides you with instructions, links, and credentials for conference call and webinar access.

The webinar is desktop sharing style so you will be able to see the presentations as they appear on the projection screen at the meeting. To hear the presenters and participate in discussions, you must dial into the conference line. *You may also dial-in if you do not wish to participate in the webinar.*

Please mute your line when not wishing to speak.

Here are your dial-in credentials all days and times

Your preferred dial-in number for all callers is 515.604.9094

The alternative number (if above does not work due to your carrier blocking) is 559.546.1400

Your guest code is 896.071.684 (periods are shown to make code easier to read).

Here are your webinar links

Access includes the Northeast Aquatic Nuisance Species Panel Steering Committee, Northeast Aquatic Nuisance Species Panel general session, and Northeast Aquatic Nuisance Species Council board of directors meetings.

<https://www.freeconferencecall.com/wall/896071684>

If your browser does not carry the embedded meeting information, you may visit

www.freeconferencecall.com and enter meeting ID 896071684 when prompted.

The application will launch automatically on most computers. If it does not, you will be prompted to do so manually by clicking on the link displayed in small blue box in the upper right-hand corner of your screen. If you are using the VOIP protocol, please only do so if you have a computer headset with speaker and microphone equipped with a mute option.

The best call quality for everyone will be achieved by using a landline instead of a mobile telephone and a headset or handset instead of speaker telephone. The delays and echoes are magnified and create feedback and other audio disturbances, especially if multiple callers are also using mobile telephones or speaker telephones. If you must use a mobile telephone or a speaker telephone, please engage your mute tool when you are in a noisy area or are not speaking.

If you cannot travel to the meeting or participate remotely, I will be posting presentations (where presenter permissions are provided to me) at <https://www.northeastans.org/index.php/home/meetings-and-panel-information/>, where your briefing book is posted. **Please be sure to take a moment to visit the meeting forum at <https://www.northeastans.org/forum/december-2019-meeting-updates/> and add your update in lieu of meeting summary transcription. Thank you.**

Should you encounter any difficulties, please call me (not a text) at the number below or email me. I will endeavour to respond as I am able during the meeting.

Safe travels, keyboarding, and dialing.

—
Michele L. Tremblay
naturesource communications
PO Box 3019 | Penacook NH 03303
603.796.2615 | 796.2600 fax | 902.218.2291 Canada
www.naturesource.net | www.linkedin.com/pub/michele-l-tremblay/22/869/523
Follow us on Facebook and Twitter
my pronouns are she, her, hers



**Northeast Aquatic Nuisance Species Panel
meeting**
**Northeast Aquatic Nuisance Species Panel and
Mid-Atlantic Panel on Aquatic Invasive Species
Joint meeting**
December 10-11, 2019
Delmar, New York
DRAFT AGENDA

Tuesday, December 10, 2019 | Northeast Aquatic Nuisance Species Panel and Mid-Atlantic Panel on Aquatic Invasive Species joint meeting

9:00 AM Welcome and introductions

*Kevin Cute, RI Coastal Resources Management Council, US Fish and
David Wong, NEANS Panel co-chairs, and
Jay Kilian, Chair, Mid-Atlantic Panel on Aquatic Invasive Species*

9:15 AM Marine Rapid Assessment Survey overview

Judy Pederson and Jim Carlton, project leads and principal investigators

**9:45 AM A synthesis of the marine live bait trade as a vector for species
invasions**

Amy Fowler, George Mason University

**10:30 AM Vessel Incidental Discharge Act: jurisdictions responsibilities,
authorities, and opportunities**

Kevin Cute, Rhode Island Coastal Resources Council, discussion lead

**10:45 AM US Geological Survey's Non-indigenous Aquatic Species (NAS): tools
and information for researchers, managers, and stakeholders**

Ian Pfingston, US Geological Survey

11:30 PM Lunch on your own

1:00 PM Highlights from New York State

1:30 PM Update on the Chesapeake Nutria Eradication Partnership: next steps

*Ray Fernald, VA Department of Game and Inland Fisheries
Jonathan McKnight, MD Department of Natural Resources*

- 2:00 PM Working together on the movement of invasive species**
- **Boating vector best management practices**
John McPhedran and Karen Hahnel, ME Department of Environmental Protection
 - **Legal framework and legislative matrix**
Amy Smagula, NH Department of Environmental Services (invited) and Catherine McGlynn, NYS Department of Environmental Conservation
 - **Consistent messaging for boaters**
Catherine McGlynn, NYS Department of Environmental Conservation
- 3:00 PM Aquatic Nuisance Species Task Force and federal program updates**
Don MacLean, US Fish and Wildlife Service
- 4:00 PM Other joint panels business**
- 4:15 PM Public comment period**
- 4:30 PM Decision and action item review with next steps for NEANS Panel and MAPAIS**
- 4:45 PM Supper arrangements and adjourn**

Wednesday, December 11, 2019 | NEANS Panel general session (concurrent with MAPAIS meeting)

9:00 AM Full Panel meeting: welcome, introductions, review of meeting agenda, and updates by Co-chairs

Kevin Cute, RI Coastal Resources Management Council and David Wong, MA Department of Environmental Protection, NEANS Panel co-chairs

ANS updates and Panel business:

- Membership updates – Michele Tremblay
- June 2019 meeting and August 2019 call summaries acceptance – Kevin and David
- Schedule mid-term Panel conference call in February 2020 – Kevin, David, and Michele
- May 2020 meeting planning and Aquatic Nuisance Species Task Force hosting – Kevin, David, and Michele
- ANS Task Force November 2019 updates – Kevin and Michele Tremblay
- National Invasive Species Council, including Invasive Species Advisory Council discontinuance – updates from members present
- Panel co-chair election – Kevin and David

10:00 AM Roundtable—*really* fast-paced updates from Panelists and Panel participants (updates may also be posted at <http://www.northeastans.org/forum/november-2016-meeting-roundtable-updates>)

Moderated by Kevin and David

11:15 AM Instruction to Work Groups

11:30 AM Lunch

1:00 PM Work Group meetings

2:30 PM Work Group reports and next steps

3:00 PM Connecticut River Hydrilla project
Presenter(s) and lead(s) TBD

4:00 PM Public comment period

4:15 PM Decision and action item review

5:00 PM Adjourn

Wednesday, December 11, 2019 | Northeast Aquatic Nuisance Species Council
5:00 PM Officer election and conference call scheduling (agenda will be distributed to Council directors under separate cover)

Mid-Atlantic Panel on Aquatic Invasive Species



Mid-Atlantic Panel (MAPAIS) Fall 2019 Meeting Wednesday, December 11, 2019

Fiver Rivers Environmental Education Center
56 Game Farm Rd
Delmar, New York 12054
Dial-in toll free: 844.633.8697
Local line 518.549.0500
Meeting number 649 892 382

<https://meetny.webex.com/meetny/j.php?MTID=m6e5142cbb09f4a89886bfe4de6a57a9f>

9:00 am	Coffee	
9:30 am	Call to Order <ul style="list-style-type: none"> Welcome/housekeeping Introductions Review & approve agenda and Spring 2019 minutes Spring 2019 meeting action items 	<i>Jay Kilian, Panel Chair</i>
10:00 am	Budget and funded projects update <ul style="list-style-type: none"> 2020 budget update Update on 2019 funded grants Update on ongoing/completed projects 	<i>Mike Allen, MD Sea Grant</i>
10:10 am	New business and decision items: <ul style="list-style-type: none"> New member request New MAPAIS recommendations to ANSTF? Small grant program RFP – Any changes needed? Next meeting (Fall 2020 MAPAIS) 	<i>Jay Kilian / Edna Stetzar, Panel Vice Chair/ Mike Allen</i>
10:40 am	Break	
11:00 am	Using environmental DNA to look for invasive species in New York	<i>Michael Tessler, American Museum of Natural History</i>
11:30 am	Increasing standardization, efficiency, and timeliness for invasive species data collection, a NY example	<i>Meg Wilkinson, NY Natural Heritage Program</i>

12:00 am	MAPAIS Project Update – Impacts of two functionally distinct invaders in the Gunpowder River, Maryland	<i>Amy Fowler, George Mason University</i>
12:30 pm	Lunch	
1:30 pm	Early detection and eradication program needed for <i>Trapa bispinosa</i>, a new species of water chestnut in the Potomac River watershed.	<i>Nancy Rybicki, USGS Reston, Va</i>
2:00 pm	USGS Chesapeake Bay Science Planning Team	<i>Christine Densmore, USGS Leetown Science Center</i>
2:15 pm	ANS State Plan Implementation Updates	<i>Panel State Representatives</i>
3:00 pm	Member / interested parties updates	<i>Panel Members and Interested Parties</i>
4:00 pm	Public comments	
4:15 pm	Adjourn	



PO Box 3019
Penacook, NH 03303
603.796.2615 • info@northeastans.org
www.northeastans.org

Meeting Summary Draft • June 5, 2019
LaQuinta Inn and Suites • Springfield, MA

Panelists present in Portsmouth and via conference call/webinar (cc/w): Renée Bernier, Fisheries and Oceans Canada (cc/w); Greg Bugbee, CT Department of Environmental Services Agricultural Experiment Station; Kevin Cute; RI Coastal Resources Management Council; Alicia Grimaldi, US Environmental Protection Agency Region I; Karen Hahnel for John McPhedran, ME Department of Environmental Protection; Kim Jensen, VT Department of Environmental Conservation; Sandra Keppner, US Fish and Wildlife Service (cc/w); Catherine McGlynn, NYS Department of Environmental Conservation (cc/w); Meg Modley, Lake Champlain Basin Program; Susan Pasko, Aquatic Nuisance Species Task Force (cc/w); Judy Pederson, MIT Sea Grant; Ian Pfingsten, US Geological Survey (cc/w); Amy Smagula, NH Department of Environmental Services; Mike Vissichelli, US Army Corps of Engineers (cc/w); and David Wong, MA Department of Environmental Protection.

Others participating on site and or via conference call/webinar: Margot Burns, Lower Connecticut River Valley Council of Governments (RiverCOG); Vanessa Curran, MA Department of Conservation and Recreation; and Michele L. Tremblay, nature resource communications, contractor to the Panel.

Full Panel meeting: welcome, introductions, review of meeting agenda, and updates by Co-Chairs – Kevin Cute, RI Coastal Marine Resources Council and David Wong, MA Department of Environmental Protection welcomed everyone to the meeting and outlined the agenda for the NEANS Panel meeting. Michele Tremblay provided additional logistics information.

ANS updates and Panel business:

- The Panelists and guests introduced themselves and their organizations.
- **Membership:** Michele indicated that there are Panelist participation gaps for the National Oceanic and Atmospheric Administration (NOAA) and the US Coast Guard (USCG). Working through the Aquatic Nuisance Species Task Force has not yet yielded results in identifying and designating NEANS Panelists. Michele is speaking with NOAA and USCG contacts and welcomes leads from NEANS Panelists. Given that invasive species requirements are including in dam licensing and re-licensing, the Panel may wish to explore a Federal Energy Regulatory Commission staff. This month, two Canadian agencies indicated that they would participate via conference call/webinar. Michele said that she continues to communicate with them between meetings and facilitates their remote participation.
- Jim moved to accept the December 2018 meeting summary with the correction of Adding Vanessa Curran and Anne Carroll to the participant list. David seconded the motion. The motion carried.

- Alicia moved to accept the February 2019 call summary. Karen seconded the motion. The motion carried.
Decision: The December 2018 meeting summary was accepted.
Decision: The February 2019 call summary was accepted.
- August 2019 mid-term conference call.
Action: Michele will send a save the date message for the NEANS Panel mid-term conference call on Tuesday, August 13, 2019 at 8:30 AM.
- The Panel discussed scheduling its fall 2019 meeting. Maine is next in rotation but may be a good choice for the Panel's spring 2020 meeting when it hosts the Aquatic Nuisance Species Task Force. Instead, the Panel's fall meeting could be convened in Portland. Meg said that she spoke to people while at the ANS Task Force meeting in Lake Tahoe and they felt that they have already been to Maine. She would like to see the meeting hosted in the Adirondack region. The Panel's hosting of the Task Force was focused on freshwater. This time, it could be marine, for instance, the Rapid Assessment Survey. The Task Force has not been to a marine place in some time, the previous meetings were inland in the West and before that, the Great Lakes. Judy felt that the University of Rhode Island college campus on Narragansett may be a good choice for spring since there may not be much marine growth in Maine. Sandy suggested that Michele work with Cathy McGlynn if the Adirondack area is chosen. There is a CT Department of Energy and Environment facility at the mouth of the Connecticut River. Kevin suggested that the venue location and other logistics be discussed during the August 13, 2019 mid-term conference call. The fall 2020 meeting may be an opportunity for the NEANS Panel and the Mid-Atlantic Panel on Aquatic Invasive Species to co-host a meeting with a marine collaboration theme.
Decision: The NEANS Panel fall 2019 meeting will be convened in Maine, possibly the Bangor area.
Action: Michele will poll Panelists for NEANS Panel fall 2019 meeting dates in November and December 2019 and distribute a save the date message to Panel@NortheastANS.org.
Action: Michele will work with Karen Hahnel, John McPhedran, and Robert Russell on the fall 2019 Panel meeting, including securing a facility.
Action: Meg, Kevin, and Greg will draft lists of field trips and other presentations for the Adirondack region, Narragansett Bay, and coastal Connecticut, respectively and distribute them to the Panel@NortheastANS.org listserve for their review and comment.

The Aquatic Nuisance Species Task Force met in Lake Tahoe in May. Michele participated via telephone and webinar. Meg provided an update on her participation as the Lake Champlain Basin Program. There was good federal agency participation. The focus of the meeting was the strategic plan. The regional panels were not comfortable with not being able to participate in the next steps for the strategic plan. The Panels feel that a large part of the Report to Congress is Panel accomplishments. They are currently excluded from the plan work groups until there is an opinion regarding Federal Advisory Committee Act (FACA). The regional panels have not been subject to the Federal Register FACA requirements. The regional panels participated in the first two meetings that shaped the strategic plan, including goals, objectives, and activities. David Hoskins, Task Force Co-chair, US Fish and Wildlife Service announced that the regional panels are promised \$46,000 per year vs. the \$40,000 that they have received for the last few years since the reduction from the original \$50,000. The Vessel Incidental

Discharge Act was discussed. There were very good presentations and a field trip on Lake Tahoe. There was discussion about the Quagga Zebra Mussel Action Plan (QZAP).

Spotlight of Species: Marine debris as a potentially major new global vector for marine bioinvasions

Jim Carlton, Williams College, provided an overview of invasive species moving through oceans on debris due to tsunami and other events. Plastic debris is a vector and a forensic opportunity. Guidelines were written for the Pacific Northwest.

Note: This presentation will not be posted or distributed.

Hydrilla workshop: summary and next steps

Jim Straub provided an overview of the Hydrilla workshop and field training and the history leading up to it including the summer 2018 surveys and genetic testing. The northernmost reach of Hydrilla to date has been in Agawam near the Six Flags amusement park. The plant is growing in rocky, gravelling areas of the river, which was unexpected. Greg Bugbee reported that the Connecticut River in the State of Connecticut has been well established. He said that they have worked with Nic Tippery, University of Wisconsin Whitewater, on genetic testing. The NEANS Panel provided funding and contracted with the University. Currently, the State of Connecticut has not supported invasive work. A bill was passed in the legislature to provide for a boat registration fee for residents and non-residents wishing to operate vessels in freshwater. The bill was passed effective January 2020. Meg acknowledged the US Army Corps of Engineers for their professional training and for providing equipment to conducted the field tour and classroom session this week. They expressed a willingness to continue to work with the Panel on further surveys and analysis. There is not a great deal of data in GenBank, currently, which has increased the challenges in ascertaining the provenance and life cycle of the Connecticut River Hydrilla. This genetic information is crucial in determining treatment and other management. The good news is that there have been no detections north of Agawam. Tuber sampling, including sediment coring, will indicate how well developed is the infestation. The next steps will be to develop a management strategy for control and treatment. For instance, should access points be treated as priorities? The Panel has a role in development a survey protocol, which is important for consistency but would not be a requirement for the states. The Panel's signs will be posted in Massachusetts, New Hampshire, Vermont, New York, and possibly in Connecticut. The Panel also produced floating key chains and small cards for all of its jurisdictions. The Panel has developed a Hydrilla listserve. Meg recommended that a specific work group be developed for working exclusively on Hydrilla. It may be helpful for the work group to discuss standardized language when discussing Hydrilla with the public, media, and other audiences.

Action: Massachusetts, New Hampshire, Vermont, New York, and Connecticut will erect the NEANS Panel Hydrilla signs at strategic access points as well as distribute rack cards and floating key chains, which include a QR code to a social marketing questionnaire.

Action: The Panel will form a Hydrilla Work Group.

Roundtable

At its May 2016 meeting, the Panel decided not to transcribe roundtable updates.

Panelists provide their updates on the Panel Forum at

<https://www.northeastans.org/forum/june-2019-meeting-roundtable-updates/>

Action: Panelists and other participants will provide their roundtable updates via the Panel's forum at <https://www.northeastans.org/forum/june-2019-meeting-roundtable-updates/>

Vessel Incidental Discharge Act: bill status and implications for the Northeast

Kevin Cute, RI Coastal Resources Management Council, provided a briefing on the legislative process. Kevin suggested that the Panel “establish a work group to coordinate state input toward towards developing national standards.” The Panel can provide recommendations to the Aquatic Nuisance Species Task Force but cannot comment directly to any federal agency or process. The Northeast Aquatic Nuisance Species Council can form a work group with additional marine participation. The Council can then vote to submit the recommendations. The presentation is available at <https://www.northeastans.org/index.php/home/meetings-and-panel-information/docs/meetings/2019-06/>

Action: Panelists will provide to Kevin and Michele leads to form a Northeast Aquatic Nuisance Species Council Hydrilla Work Group.

Work group reports

Spread Prevention

Meg reported for the work group. The meeting focused on continuing the Panel's work on the Connecticut River Hydrilla infestation.

Climate Change

Read Porter reported for the work group. The work group discussed the range expansion effort and requests for freshwater and marine data.

Review decision and action items

Michele projected the meeting's decision and action items for Panel consensus.

Public comment period

Judy Pederson announced that the Gulf of Maine 2050 International Symposium would be convened November 4-8, 2019 in Portland, Maine.

There being no further business, the meeting adjourned at 3:33 PM.

Meeting summary prepared by Michele L. Tremblay, naturesource communications

Review and agreement on decision and action items

Decisions

- The December 2018 meeting summary was accepted with correction.
- The February 2019 call summary was accepted.
- The NEANS Panel fall 2019 meeting will be convened in Maine, possibly the Bangor area.

Actions

- Michele will send a save the date message for the NEANS Panel mid-term conference call on Tuesday, August 13, 2019 at 8:30 AM.
- Michele will poll Panelists for NEANS Panel fall 2019 meeting dates in November and December 2019 and distribute a save the date message to Panel@NortheastANS.org.
- Michele will work with Karen Hahnel, John McPhedran, and Robert Russell on the fall 2019 Panel meeting, including securing a facility.
- Meg, Kevin, and Greg will draft lists of field trips and other presentations for the Adirondack region, Narragansett Bay, and coastal Connecticut, respectively and distribute them to the Panel@NortheastANS.org listserve for their review and comment.
- Massachusetts, New Hampshire, Vermont, New York, and Connecticut will erect the NEANS Panel Hydrilla signs at strategic access points as well as distribute rack cards and floating key chains, which include a QR code to a social marketing questionnaire.
- Panelists will provide to Kevin and Michele leads to form a Northeast Aquatic Nuisance Species Council Hydrilla Work Group.



PO Box 3019
Penacook, NH 03303
603.796.2615 • info@northeastans.org
www.northeastans.org

Conference Call DRAFT Summary • August 13, 2019

Panelists present via conference call: Renée Bernier, Fisheries and Oceans Canada; Greg Bugbee, Agricultural Experiment Station, CT Department of Environmental Services; Kevin Cute, RI Coastal Marine Resources Council; Scott Decker, NH Fish and Game Department; Alicia Grimaldi, USEPA; Karen Hahnel for John McPhedran, ME Department of Environmental Protection; Kim Jensen, VT Department of Environmental Conservation; Sandra Keppner, US Fish and Wildlife Service; Audra Martin, New England Interstate Water Pollution Control Commission; Catherine McGlynn, NYS Department of Environmental Conservation; Meg Modley, Lake Champlain Basin Program; Ian Pfingsten, US Geological Survey; Read Porter, RI Sea Grant; Robert Russell, ME Department of Marine Fisheries. Amy Smagula, NH Department of Environmental Services; Jim Straub, MA Department of Conservation and Recreation; and David Wong, MA Department of Environmental Protection.

Others participating via conference call: Vanessa Curren, MA Department of Conservation and Recreation; Wes Daniel, US Geological Survey; Wendy Flynn, CT Department of Energy and Environment; Cristina Kennedy, MA Office of Coastal Zone Management; and Michele L. Tremblay, naturesource communications, contractor to the Panel.

Welcome and roll call

Kevin Cute and David Wong, co-chairs welcomed everyone to the conference call. Michele Tremblay conducted the roll call.

Panel grant update

Michele Tremblay, Secretary, Board of Directors, Northeast Aquatic Nuisance Species Council, reported that she submitted last week to the Susan Pasko, Executive Secretary, Aquatic Nuisance Species Task Force, the Northeast Aquatic Nuisance Species Panel's revised statement of work and other required documents to reflect the increase in funding from \$40,000 over the last few years to \$46,000 for the first year of the Panel's five year grant. The grant amendment has been approved. Funds will be accessible October 1, 2019. As a reminder, the regional panels were funded formerly at \$50,000 but were reduced to \$40,000 several years ago.

Recommendations to the Aquatic Nuisance Species Task Force

Michele reported that no draft recommendations were received by the August 5, 2019 due date or as of this conference call. There were no recommendations discussed during the call.

Fall meeting date selections, possible meeting with Mid-Atlantic Panel, and agenda item selection

The Mid-Atlantic Panel on Invasive Species has contacted the Panel to renew our discussion on a joint meeting. There are scheduling conflicts the last week of October

and the first two weeks of November. The Great Lakes panel is meeting in mid-November. The NEANS Panel would like to propose the first two weeks of December to the Mid-Atlantic Panel in the lower Hudson Valley. The preference would be mid-week dates. If the Mid-Atlantic Panel is not available, the NEANS Panel would meet during the same period in Bangor (or another city or town in) Bangor.

The placeholder list includes the continuing work on Hydrilla (boat stewards) in the Connecticut River, marine Rapid Assessment Survey, crayfish, US Geological Survey tools, and canals as vectors.

Marine Rapid Assessment Survey

Michele volunteered to arrange hotels and order supplies.

Connecticut River boat inspection update

Cathy updated the Panel on a conference call with Panel representatives and the Connecticut River Conservancy, who is interested in administering the payroll, acting as fiscal agent, and providing oversight for the boat stewards. The CT Department of Energy and Environment is involved. There are tablets and an app for field data collection.

Hosting the Aquatic Nuisance Species Task Force in Spring 2020

Mystic, Connecticut: there is proximity to marine Rapid Assessment Survey sites and the Connecticut River. There is an aquarium. It would be useful to highlight the Hydrilla infestation, which is ground zero, which some have termed as the threat to freshwater systems in the northeast. There are ponds in Mystic with Hydrilla. There is a location in Kingston, Rhode Island that has specimens that could be displayed at the aquarium in Mystic.

Boston: Alicia has offered the USEPA meeting site and said that it has proximity to the Rapid Assessment Survey sites. Divers could bring specimens to the meeting. There is an aquarium.

Maine: there may be sites of active marine and freshwater management.

Rhode Island: there is a Rapid Assessment Survey sites

Lake Placid area in NY: it is a hub of successful invasive species activities.

Michele asked if the Panel may wish to invite local dignitaries, e.g., legislators, first nations, state and provincial agency heads.

Decision: Mystic: first choice; Boston, second choice.

Action: Michele will begin working on meeting venues and marine and freshwater field tour opportunities in the Mystic, Connecticut area. She will contact Greg Bugbee and other Connecticut contacts. The meeting will likely be the week of May 4

Other business

The Panel discussed invasive species programs funding strategies including in New York and in New Hampshire. These efforts included property tax dedicated funds and general funds from the legislature.

Public comment period

There was no public comment.

Review action items

The decision items were reviewed and agreed upon.

There being no further business, the meeting adjourned at 10:09 AM.

Conference call summary prepared by Michele L. Tremblay, natresource communications

NEANS Panel and MAPAIS

December 2019 meeting participants

name	affiliation	email	telephone	ext
Allen	Michael	MD Sea Grant	mallen@mdsg.umd.edu	
Blanchette	Denise	ME Department of Environmental Protection	Denise.L.Blanchette@maine.gov	207.215.5040
Bromilow	Mandy	National Oceanic and Atmospheric Administration	mandy.bromilow@noaa.gov	
Cute	Kevin	RI Coastal Resources Management Council	kcute@crmc.ri.gov	401.783.7772
Densmore	Christine	US Geological Survey	cdensmore@usgs.gov	
Desko	Heather	NJ Water Supply Authority Raritan Basin	hdesko@raritanbasin.org	
Emens	Rob	NC Department of Environmental Quality	rob.emens@ncdenr.gov	
Fernald	Raymond	VA Department of Game and Inland Fisheries	ray.ferald@dgif.virginia.gov	804.367.8364
Fleming	Kate	University of Delaware	kflaming@udel.edu	
Fowler	Amy	George Mason University	afowler6@gmu.edu	
Greenberg	Julianna	US Environmental Protection Agency	Greenberg.Julianna@EPA.gov	410.267.5775
Hahnel	Karen	ME Department of Environmental Protection	Karen.A.Hahnel@maine.gov	207.215.9270
Harman, CLM	Willard	NY State Federation of Lake Associations	willard.harman@oneonta.edu	607.547.8778 6
Jensen	Kimberly	VT Department of Environmental Conservation	kimberly.jensen@vermont.gov	802.490.6120
Juneman	Carolyn	US Department of Transportation	carolyn.junemann@dot.gov	
Kilian	Jay	MD Department of Natural Resources	jay.kilian@maryland.gov	410.260.8617
Lewandowski	Mark	MS Department of Natural Resources	mark.lewandowski@maryland.gov	
MacLean	Donald	US Fish and Wildlife Service	don_maclean@fws.gov	703.358.2108
McGlynn	Catherine	NYS Department of Environmental Conservation	catherine.mcglynn@dec.ny.gov	518.408.0436
McKnight	Jonathan	MD Wildlife and Heritage Service	JMcKnight@dnr.state.md.us	410.260.8539
McPhedran	John	ME Department of Environmental Protection	John.McPhedran@maine.gov	207.215.9863
Mirablio	Sarah	NC Sea Grant	semirabi@ncsu.edu	
Modley	Meg	Lake Champlain Basin Program	MModley@lcbp.org	802.372.3213
Pearson	Steven	NYS Department of Environmental Conservation	steven.pearson@dec.ny.gov	
Pederson	Judith	MIT Sea Grant College Program	jpderso@mit.edu	617.253.9310

name	affiliation	email	telephone	ext
Pfingsten	Ian	US Geological Survey	ipfingsten@usgs.gov	352.264.3517
Porter	Read	RI Sea Grant Legal Program	rporter@rwu.edu	401.254.5734
Smith	Christopher	NJ Department of Environmental Protection	Christopher.Smith@dep.nj.gov	
Stezar	Edna	DE Department of Natural Resources and Environemntal	Edna.Stetzar@delaware.gov	
Temple	Gwendolyn	Capital Mohawk Partnership for Regional Invasive Specie	ggt25@cornell.edu	518.885.8995 51
Tessler	Michael	American Museum of Natural History	mtessler@amnh.org	
Tremblay	Michele	naturesource communications	MLT@naturesource.net	603.796.2615
van Zullen	Amber	VT Department of Environmental Conservation	amber.vanzuilen@vermont.gov	802.490.6120
Vissichelli	Michael	US Army Corps of Engineers North Atlantic Division	Michael.G.Vissichelli@usace.army.mil	347.370.4663
Walters	Gary	US Environmental Protection Agency	gawalters@pa.gov	
Whitney	Sarah	Pennsylvania Sea Grant	swhitney@psu.edu	610.304.8753
Whitsel	Tara	US Army Corps of Engineers	Tara.J.Whitsel@usace.army.mil	
Wilkinson	Meg	New York Natural Heritage Program	wilkinson@nynhp.org	518.402.8983
Williams	Kristopher	Capital Mohawk Partnership for Regional Invasive Specie	kbw44@cornell.edu	518.885.8995
Zipfel	Katherine	WV Division of Natural Resources	katherine.j.zipfel@wv.gov	