



Fall Meeting

Concord, NH

*November 29 and 30,
2022*



NEANS

NORTHEAST AQUATIC
NUISANCE SPECIES PANEL



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**Northeast Aquatic Nuisance Species Panel
meeting draft agenda**
November 29-30, 2022
*NH Fish and Game Department
11 Hazen Drive, Concord, NH US
and Zoom*

November 29, 2022 (all times are ET)

9:00 AM Welcome, introductions, and roll call – NEANS Panel co-chairs and Program Manager

Ian Pfingsten, US Geological Survey

James Straub, MA Department of Conservation and Recreation

Michele L. Tremblay, naturesource communications, contractor to the Panel

ANS brief updates and Panel business

- May 2022 meeting summary acceptance – Ian and Jim
- August 2022 mid-term meeting summary acceptance – Ian and Jim
- Membership updates – Michele L. Tremblay, contractor to the Panel
- ANS Task Force business and meeting updates – Susan Pasko, Executive Secretary, US Aquatic Nuisance Species Task Force
- Schedule mid-term Panel conference call in February 2023 – Ian, Jim, and Michele
- Spring 2023 meeting: scheduling and possible Aquatic Nuisance Species Task Force hosting – Ian, Jim, and Michele
- State Management Plans – Sandra Keppner, US Fish and Wildlife Service
- National Invasive Species Council – updates from members present
- Co-chair election – Ian and Jim

10:00 AM Highlights from New Hampshire

Amy Smagula, NH Department of Environmental Services

Scott Decker, NH Fish and Game

Larry Harris, University of New Hampshire

10:30 AM Break, as time allows

10:40 AM Northeast Landing Blitz 2022 update

Catherine McGlynn, NYS Department of Environmental Conservation

11:30 AM Boat launch and other data coordination and NEANS Panel workshop planning

Catherine McGlynn, NYS Department of Environmental Conservation

Ian Pfingsten, US Geological Survey

12:00 PM Break for lunch

1:00 PM Boat registration fees, invasive species funding, and US Coast Guard audit

Captain Tim Dunleavy, (ret.), NH Marine Patrol, legislative liaison (now)

1:45 PM Presentations by leads for *Nelumbo lutea* and Asian Clam sites

David Gill, City of Concord, Nelumbo lutea

Scott Decker, (invited), Asian Clam

2:15 PM Recess for field tours until November 30, 2022 at 9:00 AM

White Park, Concord, Nelumbo lutea eradication project

Granite Shore Power, Concord and Bow, Merrimack River Asian Clam invasion

Wednesday, November 30, 2022 (all times are ET)

9:00 AM Welcome back

Ian Pfingsten, US Geological Survey

James Straub, MA Department of Conservation and Recreation

9:05 AM Roundtable: swift updates from NEANS Panel representatives

Ian and Jim, moderators

Please provide your summary and detailed updates at

<https://www.northeastans.org/forum/november-2022-meeting-updates/>

10:15 AM Connecticut River hydrilla updates and letter to Northeast Governors and Eastern Canadian Premiers

Spread Prevention Work Group

10:35 AM Break, as time allows

10:45 AM Invasive species relative to harmful algal blooms

Mike Vissichelli, US Army Corps of Engineers

11:15 AM NEANS Panel recommendations to the ANS Task Force

Ian and Jim

12:00 PM Break for lunch

1:00 PM New member spotlight

Aude Lochet, Lake Champlain Sea Grant (invited)

1:15 PM Work group updates

Ballast Water State Plan (VIDA) Implementation – *Kevin Cote, Coastal Resources Management Council, lead*

Climate change – *Judy Pederson, MIT Sea Grant, lead*

Marine – *Alicia Grimaldi, US EPA and Carolina Bastidas, MIT Sea Grant, leads*

Spread Prevention – *Catherine McGlynn, NYS Department of Environmental Conservation and Meg Modley, Lake Champlain Basin Program, leads*

2:00 PM Review action items and next steps

Ian, Jim, and Michele

2:30 PM Public comment period

2:45 PM Adjourn



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Meeting Summary DRAFT | May 10 and 12, 2022
online meeting

NEANS Panelists present: Renée Bernier, Fisheries and Oceans Canada; Carolina Bastidas, MIT Sea Grant; Greg Bugbee, CT Department of Environmental Services Agricultural Experiment Station; Alicia Grimaldi, US Environmental Protection Agency; Larry Harris, University of New Hampshire; Bill Harman, NYS Association of Lake Federal of Lake Association; Kim Jensen, VT Department of Environmental Conservation; Sandy Keppner, US Fish and Wildlife Service; Christine Lipsky, National Park Service; Aude Locket, Lake Champlain Sea Grant, Catherine McGlynn, NYS Department of Environmental Conservation; Meg Modley, Lake Champlain Basin Program; John McPhedran, ME Department of Environmental Protection; Ian Pflingsten, US Geological Survey; Amy Smagula, NH Department of Environmental Services; Jim Straub, Mike Vissichelli, US Army Corps of Engineers; and David Wong, MA Department of Environmental Protection.

Others participating: Susan Pasko; Aquatic Nuisance Species Task Force; Aly Putnam, UMass Amherst; Michele L. Tremblay, naturesource communications, contractor to the Panel; Erin Vennie-Volrath, NYS DEC Lake Champlain Basin Program; and Kerry Wixted, Association of Fish & Wildlife Agencies.

Full Panel meeting: welcome, introductions, by co-chairs and roll call – Ian Pflingsten, US Geological Survey and Jim Straub, MA Department of Conservation and Recreation.

ANS updates and Panel business:

- Michele called the roll and established that there is a quorum. She conveyed Jim Carlton's regrets at not being able to participate due to travel.
- Membership needs include NOAA, Coast Guard, Environment Canada, and the provinces.
- John moved to accept the December 2021 meeting summary. Jim seconded the motion. The motion carried.
- John moved to accept the February 2022 meeting summary. Jim seconded the motion. The motion carried.
- **Decision: The December 2021 and February 2022 meeting summaries were accepted.**
- Aquatic Nuisance Species Task Force business and meeting updates
Don Maclean, for Susan Pasko, Executive Secretary, ANS Task Force provided an update on the Task Force's activities, meetings, and prospective hosting by the NEANS Panel of ANSTF's spring 2023 meeting. Susan will provide a written update on the Panel's forum.
- Schedule mid-term Panel August conference call.
Decision: The Panel will convene its midterm meeting in August 2022.

Action: Michele will work with the co-chairs on a polling platform checking availability for first thing in the morning and late in the afternoon for the first three weeks of August 2022.

- Schedule fall 2022 meeting.
There is some concern about convening a meeting and having but a few people able to be at a venue due to policy, budgets, and pandemic unknowns. Jim suggested a poll to see who would be at a venue vs. remotely. Cathy requires approximately 90 days to have travel approved. Other states do not allow out-of-state travel. Jim would like a centrally located and ease of access vs. the Panel's regular rotation. New Hampshire is centrally located. However, the next jurisdiction in rotation is Rhode Island. Meg likes the rotation and state highlights and does not want to lose it in the long term. She wants to continue to raise awareness of hydrilla on the Connecticut River but wants to keep the location for hosting the ANS Task Force. Jim suggested Hartford or New Haven, which would help with the hydrilla issue and be a better location for New York travellers. He said that October and early November might be the best times for everyone to see the Connecticut River hydrilla infestation. Greg said that August through September is best for his area. October would work for seeing the infestation and fragments floating downstream. Michele is unavailable for most of September. John wants to keep the rotation but it is difficult with pandemic unknown issues. He suggested that there could be a completely online meeting every other semi-annual meeting. Jim wants venue-based meetings twice each year.

Suggestions for the agenda include asking new members to provide presentations on their invasives work. Aude will make a short presentation on her work with the Lake Champlain Extension. There should be more marine focus on the agendas. The Marine Work Group will provide guidance on direction after it after it meets in July. Ian said that Jason Sorenson offered to invite First Nation and industry representation. Mike Vissichelli suggested a roundtable on harmful algal blooms. Cathy will present on the Landing Blitz results and regional collaboration on watercraft inspection.

Decision: The NEANS Panel will schedule its fall meeting based on responses from a survey that Michele will design, with input from the co-chairs, and distribute.

Action: Presentation from new member(s) Aude and Carolina. Christine will present at the spring 2023 meeting.

- Schedule spring 2023 meeting.
Susan Pasko said that fall meeting NEANS Panel hosting is a possibility, which is planned as a venue-based meeting. The spring 2023 will be venue-based. It will be the first week of May, potentially, but will be based on poll results. Ian provided a summary of the Panel's early discussions on its own fall meeting. He asked if there were a way to highlight hydrilla without its growth not being evident during the time of the spring meeting. Late August – September with some evidence in October. The extent of the infestation will be evident later in the season but not the peak growth. Susan will be gauging comfort levels for fall venue-base meeting participation commitment and agency travel restrictions to see if the NEANS Panel would be hosting at that time vs. the fall. Federal requirements are allowing venue-based meetings as long as an online option is available.

Decision: The NEANS Panel will schedule its fall meeting online and venue-based on the results of the survey that Michele will prepare and distribute.

Action: Michele will work with the co-chairs on a polling platform checking availability for May 2022.

Action: Michele will work with the ANS Task Force to see if they are willing to schedule their spring meeting in late June or July 2022.

Action: Presentation from new member(s): Christine will present at the spring meeting. A freshwater presenter will be identified as well.

- State Management Plan update
Sandy Keppner, US Fish and Wildlife Service, provided an overview of the management plan process, which is underway. All of the states that have applied have received their funding letters with levels identified, which is phase II. Phase III is submitting applications on GrantSolutions.gov by May 20. She reminded everyone that their reports are due online every six months. The final report can be submitted up to 120 days after the close of the grant. ASAP's (Automated Standard Application for Payments) deadline for funds withdrawal is still 90 days or they will be lost. Sandy clarified that the work has to be completed by the grant close date.
- There was no one available to provide a National Invasive Species Council update.

Work Group updates

Ballast Water State Plan Implementation

Kevin was not present to provide an update.

Action: Please contact Michele at MLT@naturesource.net to learn more about being a part of the Ballast Water Work Group.

Climate Change

Carolina provided an update on the work group's activities. In 2015, the Climate Change Work Group adopted the goal of identifying fresh water and marine species that are moving northward with climate change and may be disappearing from their southern range. This work includes development of a database and the process for identifying species that are becoming established in northern areas was projected as a long-term effort, which would benefit from input by citizen monitoring groups and other sources. The outcomes were not anticipated to provide data on climate impact on species for several years.

As a first step, a list of species that included primarily non-native and also some native species was developed for both fresh and marine waters. After a general discussion of the issues related to species identification, determination of northernmost ranges, establishment of populations, i.e., reproducing populations, the Climate Change work group focused on a process for moving forward. Details of the development of the database and list of species are available on the NEANS website (Climate Change Working Group Report 5.13.15). Unfortunately, responses were minimal.

By 2019, the response to data mining and adding to the database had diminished. Some of the original committee members, particularly the Canadian members were not able to attend the meetings and new members suggested another approach to identify what is known about species responses to climate change. New terms of reference were developed and are summarized below.

There were three phases identified in the new approach. The long-term goal was to conduct and support rapid assessment surveys (RAS) that identify non-native species in marine waters and building a database over time for the area from Maine to Long Island Sound.

Phase I of the project would include one-page documents that identify climate impact on non-native species in fresh and marine waters and that would support surveys, provide information for managers and policy makers, identify data gaps, and disseminate information in partnership with others.

Phase 2 would support efforts by raising funds for a RAS for 2022/2023 and creating model language for Aquatic Nuisance Species (ANS) Task Force to support RAS throughout the region every 3-4 years.

Phase 3 would summarize the efforts of phase 1, the RAS long-term support request and develop information for legislators and others on climate impacts on non-native species and their potential consequences.

The value of this approach is to identify species shifts that are occurring in the Gulf of Maine, and southern marine waters, including Long Island Sound and inland rivers, ponds and lakes. These non-native species shifts are occurring frequently, especially in the Gulf of Maine and other regional water bodies where temperatures are increasing faster than other regions and remaining warmer for longer periods. The ensuing climate change impacts are affecting recreational activities, fishing and shellfish areas, community ecology and ecosystem function, the regional economy, and human health (e.g., with increased diseases and frequency of toxic algal blooms). The long-term surveys will provide insights on the presence and status of non-native species over time that are useful to managers, policymakers, non-government organizations and the public.

Initially the tasks were to be completed by 2023. However, Covid and the pandemic altered our ability to accomplish our goals. In-person meetings were suspended and fieldwork was postponed for two years. Nonetheless, we reported on some RAS activities related to the Climate Change work group.

In 2019 prior to the pandemic, we completed a RAS for Southern New England to Long Island Sound resulting in a publication, 2019 Rapid Assessment Survey of marine bioinvasions of southern New England and New York, USA, with an overview of new records and range expansions (Pederson et al. (2021), *BioInvasions Records* 10(2): 227–237, <https://doi.org/10.3391/bir.2021.10.2.01>).

In 2020, NEANS Panel members (James Carlton and Judith Pederson) collaborated with Drs. Amy Fowler and April Blakeslee, members of the Mid-Atlantic Panel on Aquatic Invasives (MAPAIS) to conduct a RAS from New Jersey to Virginia. Because of COVID, the MAPAIS RAS has been postponed until the summer of 2022. It is anticipated that the survey data on marine invasive species south of the NEANS Panel region will provide new insights on northward moving species as well as providing useful information to managers and policy makers and the public.

The pandemic has created an opportunity to modify the Climate Change Work Group terms of reference. Currently, new efforts are underway to revise the NEANS Panel Climate Change Work Group efforts primarily focusing on marine waters. (Text is from report written by Judy Pederson, MIT Sea Grant.)

Spread Prevention

The Landing Blitz will be conducted from June 25 through July 5. Eight states are participating. (<https://www.northeastans.org/index.php/home/northeast-aquatic-invasive-species-landing-blitz/>) that Michele created. She created a survey to enter the resulting data. The Northeast Plant Management Society is compiling data.

Ian provided an update on the regional data exchange. He presented to the GLRI a pre-proposal/concept for their grant program. There was not enough focus on the Great Lakes and matching funds/investment so it did not move forward at this time.

There were several updates on the Connecticut River infestation. The Panel has a dedicated webpage (<https://www.northeastans.org/index.php/home/connecticut-river-hydrilla-project/>). Greg, Jim, Ian, and Michele, representing the Panel, are participating in the ANS Task Force's subcommittee as requested by the Task Force, to further the NEANS Panel's hydrilla on the Connecticut River recommendation. Funding sources, outreach, e.g. signage and other collateral, boat inspection, and other approaches were discussed with the subcommittees. Several states are participating by incorporating the effort into each of their programs. Greg will make his agency's guide available on its website. Connecticut is including Didymo in the effort. Meg reminded the Panel that it co-hosted the International Didymo Conference in March 2013. Since then, there is an effort to re-classify didymo's invasive or native status. Michele said that the effort was a good model where agencies and corporations coalesced around the crisis with Orvis, LL Bean responding with non-felt waders and outreach in their stores and catalogues. Jim asked why it is not happening with hydrilla. He met with the control group in Massachusetts, who hired boat launch stewards but not for the Connecticut River. Marinas have rentals for pontoon boat overnight tours to travel to Vermont and New Hampshire, which could be a considerable vector. There are surveys up to four miles north into each of the tributaries of the Connecticut to find hydrilla. Meg talked about the US Army Corps's genetic study to determine what strains are part of the infestation. More samples are needed. John thought that a Maine hydrilla infestation might be part of the study. He can collect and send samples to the researchers.

Marine

Action: The next agenda will include an update from the nascent Marine Work Group.

Names can have unintended consequences: time to revisit invasive species common names nomenclature?

Samuel S. Chan, Sea Grant College Program: Extension Service, Oregon State University

The ANS Task Force, vs. the six regional panels, is the organization best poised to make changes to the common names of species. The professional societies need support to make these name changes. Scientific names are best but when communicating to the general public, ethnic, as well as place-based names should be changed. Complicating issues, common names can vary by regions in nations or in other parts of the world. Sam would like to work with the NEANS Panel on a new name for the now-know-as Asian Clam. Matt suggested, "Gold Clam" or "Barrel Clam." Denise suggested, "Golden-ridged Clam."

<https://www.northeastans.org/index.php/home/meetings-and-panel-information/docs/meetings/may-2022-meeting-presentations/>

Determining the risk of consuming fish and waterfowl harvested in reservoirs infested by hydrilla producing a novel cyanotoxin

Susan Bennett Wilde, Warnell School of Forestry and Natural Resources, University of Georgia

A question was asked about domestic animal exposure. There were dogs in the Chattahoochee River became sick. There have been cattle deaths after drinking from farm ponds. Susan is interested in receiving samples from the Connecticut River mainstem, coves, and tributaries. The farthest north the toxin has been in Virginia and Arkansas. Environmental conditions may enable these cyanobacteria to be viable in other places. It may have hitchhiked onto hydrilla because these conditions are

conducive. She would advise that herbicides, such as Diquat, should be used with caution to determine efficacy vs. environmental effects.

<https://www.northeastans.org/index.php/home/meetings-and-panel-information/docs/meetings/may-2022-meeting-presentations/>

Public comment period

There as not public comment.

Recess until May 12, 2022 at 9:00 AM

Northeast Aquatic Nuisance Species Panel (pandemic delayed) twentieth anniversary observance

Ian, Jim, and Michele

The Panel had agreed to wait until its 25th anniversary. Jim said that he celebrates each meeting. Don thanked the Panel (he was there) in Rye, NH. Ideas for the observances included these products and activities.

1. Create a PowerPoint or other media with highlights such as Québec City, field tours, and hosting the ANS Task Force twice
2. A retrospective on the history of the Panel, how it started, and where it is now
3. Touch on major accomplishments such as watch cards (one is bilingual)
4. Recognize a long list of co-chairs
5. Recognize charter members
6. List charter Panelists who are still with us today
7. Ask everyone to Dropbox to me their Panel images (and they can email their memories and fun facts) and I can create a Kudoboard to store them and others
8. Celebrate co-chairs
9. Make a map with all of the meeting locations (Ian's idea)
10. Share meeting locations list with activities such as workshops, field tours, and major agenda items, e.g. "Spotlight on Species," numbers of participants, and other milestones

Decision: The Panel will observe its 25th (vs. 20th) anniversary.

Action: Upload to Dropbox:

<https://www.dropbox.com/scl/fo/nhiigaggp4ag2unjb67md/h?dl=0&rlkey=fd3cq8o81vhvgp6h1cx6lzkcb>

Action: Michele will work on a centralized place for 25th anniversary information

Action: Panelists interested in participating in the 25th anniversary planning group should contact Michele.

Action: Michele will create the 25th anniversary planning group listserve.

Roundtable

Updates are posted at <https://www.northeastans.org/forum/may-2022-meeting-updates/#comments>

Action: Panelists and others working with invasive species are invited to post their updates at <https://www.northeastans.org/forum/may-2022-meeting-updates>

Action: The Roundtable feature time allotment will be increased for the fall NEANS Panel meeting agenda.

Spotlight on Species: Sea Slugs

Larry Harris, University of New Hampshire

<https://www.northeastans.org/index.php/home/meetings-and-panel-information/docs/meetings/may-2022-meeting-presentations/>

Online enforcement of Washington State's Plant Quarantines

Tristan Carett-Myers, Washington State Department of Agriculture

<https://www.northeastans.org/index.php/home/meetings-and-panel-information/docs/meetings/may-2022-meeting-presentations/>

Marine invasive species in a changing climate: a watch list for the Gulf of Maine

Michelle D. Staugdinger, US Geological Survey and Northeast Climate Adaptation Science Center

Aly Putnam, University of Massachusetts Amherst

<https://www.northeastans.org/index.php/home/meetings-and-panel-information/docs/meetings/may-2022-meeting-presentations/>

Online guide

Action: please contact Michele Tremblay at @MLT@naturesource.net to learn more about what is involved in being a lead for the Online Guide.

Public comment period

There was no public comment.

Other business

There was no other business.

Meg moved to adjourn. Judy seconded the motion. The meeting adjourned at 4:46 PM.

Meeting summary prepared by Michele L. Tremblay, naturesource communications (contractor to the Panel)



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Meeting Summary DRAFT | August 24, 2022
conference call/webinar

NEANS Panelists present: Greg Bugbee, CT Department of Environmental Services Agricultural Experiment Station; Brian Greene, The Nature Conservancy Adirondack Park Invasive Plant Program; Brian Greene, The Nature Conservancy, Alicia Grimaldi, US Environmental Protection Agency; Bill Harman, NYS Federation of Lake Associations; Sandy Keppner, US Fish and Wildlife Service; Christine Lipsky, National Park Service; Aude Lochet, Lake Champlain Sea Grant; Meaghan McCormack, Natural Heritage, NYS Department of Environmental Conservation; Catherine McGlynn, NYS Department of Environmental Conservation; Ian Pfungsten, US Geological Survey; Jim Straub, MA Department of Conservation and Recreation; and David Wong, MA Department of Environmental Protection.

Others participating: Greg Conover, Mississippi Interstate Cooperative Resource Association and Mississippi Basin on Aquatic Nuisance Species; Sean Duffy, MA Coastal Zone Management, Eric Fischer, IN Department of Natural Resources and chair, Great Lakes Panel; Mike Greer, US Army Corps of Engineers; Aly Putnam, UMass Amherst; Kara Sliwoski, MA Department of Conservation and Recreation; and Michele L. Tremblay, naturesource communications, contractor to the Panel.

Full Panel meeting: welcome, introductions, by co-chairs and roll call – Ian Pfungsten, US Geological Survey and Jim Straub, MA Department of Conservation and Recreation. Michele Tremblay conducted the roll call. There was not a quorum present so votes cannot be taken.

NEANS Panel recommendation(s) to the ANSTF

Insert

Jim discussed the possibility of ARPA or other special federal funds being made available to Panels for regional coordination. Jim suggested that these funds would work for a hydrilla effort. The Marine Work Group may have a recommendation between now and the Panel's November meeting. This will provide another opportunity for the voting body because the Aquatic Nuisance Species Task Force (ANSTF) will not be meeting until January. The Panel will use the current format provided by Susan Pasko, Secretary, ANSTF. Ian wanted to discuss the possible illegal collection of boat fees. Michele raised this issue and noted that the key point is that the fees cannot be collected in the same transaction as boat registrations. There are three other programs in New Hampshire that will be jeopardized. Christine said that the issue came up with group on which she participates. New Hampshire and Connecticut and CT are working on state legislation that may address this issue. During the EASWC meeting, Michele suggested that instead of each state working on alternative fee collection media, that the federal law be changed. This could be an ANS Task Force discussion and a NEANS Panel recommendation.

Action: Ian will contact a US Coast Guard staff to discuss audits of state departments that collect boat registration fees.

Action: Michele will call her contact her Coast Guard Reserve associate to discuss boat registration fees collection methods.

Action: Michele will contact Captain Tim Dunleavy, ret. NH Marine Patrol to obtain the draft or final Coast Guard New Hampshire audit.

Draft letter to the Council of State Governments

Ian opened the discussion. The Northeast Aquatic Nuisance Species Council (not the Panel) would send a letter to the COGS. The process has been on hold due to pandemic as well as the lack of response from the organization. The Panel and Council have made numerous requests to be placed on its agenda.

Action: Cathy and Michele will review the Council of State Governments August meeting agenda to discern who might be an entrée for adding the Connecticut River hydrilla issue to their next meeting agenda.

Action: The Northeast Aquatic Nuisance Species Council will convene to discuss the letter to the Council of State Governments.

NEANS Panel November meeting agenda development

Ian opened the discussion for agenda development. Panelists offered suggestions.

- Boat fees USCG audit: need presenters from NH and USCG
- Asian Clams in the Merrimack River (field trip potential)
- *Nelumbo Lutea* infestation and eradication in the City of Concord (field trip potential)
- Connecticut River hydrilla
- COGS/EGP (see previous discussion summary)
- Landing Blitz
- WISPA data coordination (training workshop?)
- New Hampshire Highlights, Amy and Scott will be invited to lead the presentation.
- Roundtable, etc.
- USCG/boat registrations informational and recommendation, if time allows in November for ANSTF meeting (presentation from retired Captain Tim Dunleavy, Marine Patrol, NH Department of Safety) Asian clams in the Merrimack River (Merrimack River field trip potential)
- *Nelumbo lutea* (City of Concord presentation with field trip potential)
- Marine suggestions from Carolina and Alicia (email sent to them this afternoon)
- Possible presentations from new members
- Boilerplate items include, co-chair election, updates from partner organizations, roundtable, ANSTF recommendations if ANSTF meeting is well after this one, work group updates (Do you want me to facilitate their co-chairs' convening of them in advance of the November meeting? I think that we will be challenged with Panelists being on multiple groups and remote participation as well as in person participation), public comment period, etc.
- A representative from the aquaculture industry. Ian has a contact that can provide their and First Nations and Tribal perspectives.
- Invasive species relative to harmful algal blooms. Mike Greer and Mike Vissichelli can make this presentation.
- Recommendations to the ANS Task Force for their January agenda.

The Marine Work Group has convened recently so does not have a presentation ready for the November meeting. There will also be the election of a co-chair, of which a marine representative would help keep that issue in the forefront. Alicia indicated that the Marine Work Group would provide a pool of candidates as their focus is developed. It will convene after November and will be working on topics and presenters, possibly for the May meeting.

Christine asked for an estimate on how much time the Panel spends on marine issues and how much on freshwater. David Wong spends his time on both marine and freshwater issues. The Panel needs a representative from NOAA. Christine reached out to NOAA and did not hear back from anyone at the higher level so she is contacting someone who is working at a more local level. Kevin is another strong marine contact and very knowledgeable about VIDA, which Aude's agency works on as well. Meghan said that the Long Island Invasive Species Management Area (<https://liisma.org/events/partners-meeting-9-16-22/>) They have a variety of new products for the Long Island initiative.

The Panel's traditional format is for the Steering Committee to meet at noon on the first day with the Panel's general session starting at 1:00 and ending at 5:00(ish) PM and the second day starting at 8:00 AM and ending at 12:00 or 1:00 PM. The current list of agenda items may exceed the traditional time frame. The possibility of having agenda item overflow being covered at the February mid-term full Panel meeting. Federal agencies can justify getting a hotel the night before if the meeting convened earlier on the first day.

Would new panelists be interested in making a presentation on their work?

Action: Ian, Jim, and Michele will finalize an agenda (with a possible change in the traditional time frame) and distribute it for Panelists to use for their travel requests.

Action: Panelists will submit their draft recommendations to the ANS Task Force for their January meeting. The recommendations must use the Task Force's format.

Action: Michele and Amy will work on securing a presenter and organizing a filed trip.

Recruiting Panelists to stand for election in November as marine co-chair

There were no marine Panelists available to discuss their candidacy.

Action: Ian, Jim, and Michele will meet and form a strategy for gathering nominations for Ian's successor.

Other business

Ian will provide an update on the USGS NAS database. The project is moving forward and he will be requesting a meeting with stakeholders, including the NEANS Panel, in the northeast. It will be a three-year project, including modeling for at least fifty species.

Public comment period

There was no public comment.

John moved to adjourn. David seconded the motion. The meeting adjourned at 10:46 AM.

Meeting summary prepared by Michele L. Tremblay, naturesource communications (contractor to the Panel)

Northeast Regional AIS Spread Prevention and Detection through Data Sharing

Grant proposal idea: Regionally standardized data collection and analysis of aquatic invasive species occurrence, management, and watercraft inspection steward program data.

Leverage the valuable aquatic invasive species information within USGS NAS and the powerful data collection and analysis tools built into iMapInvasives and WISPA to provide region-wide data views and standardized collection methods for AIS location and boat inspection data

- Convene meeting of regional aquatic data managers (leveraging NEANS group)
- Provide GIS data management and app tech support capacity (1 to 2 FTEs)
- Create jurisdiction-specific WISPA instances to allow for data collection with the app and feeding reviewed data into the regional data portal
- Northeast regional instance of iMapInvasives to collect invasives locational data for review and submission to USGS NAS
 - Standardized data collection with online and mobile apps
 - Presence, Not Detected, and Treatment data
 - Post-treatment monitoring data
 - Near real-time data views in each system
 - Display data of each system in the other; include in analyses
 - Or possible automatic data uploads
- Source and format existing “hidden” data to add to regional views that are not yet captured in USGS NAS or iMapInvasives (e.g. spreadsheets from government agencies and academic institutions)
 - Terrestrial and aquatic presence, not detected, and management
 - Watercraft inspection
- Communicate findings to key state partners to aid in early detection and prevention across the Northeast region
 - Intercepts dashboard
 - Hits analysis: outgoing WISPA data compared with USGS NAS locational data
 - Horizon scanning alerts (new reports within and in buffer of area-of-interest)

NEANS Panel • November 2022 meeting participants

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