



## Agenda Third Quarter Meeting 2023

Thursday, July 13, 2023, 9:00 A.M. to 4:00 P.M.

1900 County Rd I, Shoreview, MN 55126

Attendees required to constitute a quorum for 2023: 15

### Thursday, July 13, 2023

#### 9:00 am **Welcome and Introductions**

Total attendees for all or part of the meeting: 22

In person:

Angie Gupta, UMN Extension Forestry  
Ariana Richardson, Meeker County AIS coordinator  
Bob Dunning, Minnesota Association of County Agricultural Inspectors  
Brian Schwingle, DNR Forest Health Program Coordinator  
Christina Basch, MnDOT  
Jen Burington, MDA  
Kelly Pennington, Minnesota DNR Invasive Species Unit Supervisor  
Meg Duhr, Invasive Species Coordinator for Three Rivers Park District  
Megan Weber, UMN Extension AIS  
Rob Venette, USFS and MITPPC  
Roger Becker, UMN  
Sascha Lodge, Minnesota DNR Forestry, TIS Program Coordinator  
Zack Burnside, Wildlife Forever Invasive Species program coordinator

Online:

Cori Mattke, MAISRC  
Drew Dickhart, Carver County AIS Coordinator  
Jen Larsen, USFS Invasive Plant Specialist with State and Private Forestry  
Kate Wyman-Grothem, USFWS Regional AIS Prevention Lead  
Kelsey Taylor, Fond du Lac Invasive Species Coordinator  
Laura Van Riper, DNR TIS Program Coordinator  
Liz Anderson, Lake County SWCD AIS Program Coordinator  
Robie Rock, Leech Lake Band of Ojibwe, Department of Resource Management  
Shawn Mazanec, Metropolitan Mosquito Control District

#### 9:10 am **Council Business**

- Approval of Meeting Minutes from 04/12/2023 & 04/13/2023 (vote)
  - Approved (20 yes, 2 abstain)
- Treasurer's Report submitted by Wildlife Forever, fiscal agent for MISAC (vote)
  - Approved (18 yes, 4 abstain)
- 2023 Leadership – Ariana Richardson (Chair), Sascha Lodge (Co-Chair), Chelsey Blanke (Past Chair)

#### 9:25 am **Updates & Discussion Topics**

- Updates from committees (5 min)
  - DEI Committee – Ariana Richardson
    - DEI committee met over email and revised a letter of support for DEI sessions to be included at UMISC 2024. The letter was approved by MISAC

membership over email vote and sent to Jen/Doug to share with UMISC's executive committee.

- Website Committee – Ariana Richardson
  - A number of updates were made to the website back in April, including added agendas and minutes from past meetings and a support letter.
- Calendar Update – Sascha Lodge
  - 2024 Invasive Species Calendar is fully designed and will be printed this fall. They will again cost \$1 per calendar. Email Laura Van Riper to order calendars for your organization (she sent an email to the MISAC list on 7/10/23).
- Field Trip Committee:
  - Field trip subcommittee has not met since last meeting. Field trip planned for late August or early September. It will be a paddle hosted by Wild Rivers Conservancy at St. Croix National Scenic Riverway. More updates to follow.
- UMISC Planning – Jennifer Burington (10 min)
  - Executive committee met yesterday. MOUs have all been signed. MISAC will need to send seed money to IPAW soon (the approved MOU says we will, so this doesn't need further approval from MISAC membership). We will do a hybrid conference again (30% of participation last time was online). Hybrid does increase costs, but we will use EventMobi again, and overall AV costs are lower than they were in Green Bay. We got \$1000 grant from Visit Duluth that will be put toward the cost of the conference. The conference will have a Diversity and Inclusion Statement (currently drafting that). There will be a scholarship that people can apply for to cover registration costs, similar to how NAISMA does one. Registration costs: online cost has gone up a bit, full in-person registration is the same as last time at \$350; discounted to \$320 for presenters. Doug drafted a Land Acknowledgement Statement for consideration for ExComm. They're starting to think about the theme and plenary speakers – open to any suggestions for plenary speakers. They will be printing programs for in-person attendees. Conference dates are November 12-14, 2024. We will put out sponsor/exhibitor prospectus soon and again in 2024 – Jen will send out an email to everyone soon with this information in case organizations are interested.
    - Megan – recommends looking into DNR's Star Grant, Duluth is eligible for those, could be up to \$10K for a conference
      - Laura says they're not accepting applications until June 2024
    - Christina – will you hire someone to manage online experience? (It was hard/a lot for volunteers last year)
      - Jen – Yes, the AV quote includes AV person in each room and monitors and laptops.

9:45 am **Break**

10:05 am **TIPS (*Terrestrial Invasive Participatory Science*) update, Angie Gupta, UMN Extension**

- Using participatory science to formulate research questions, collect data, and interpret results; Angie wants to collaborate with others on this so feel free to reach out to her if you're interested.
- Various levels of engagement: Some crowd-sourcing projects (minimal training), some projects more tricky (more complex ID)
- <https://z.umn.edu/TIPSprojects>
  - Gender bending Amur cork trees
  - Jumping worms
    - Frame issues in ways that don't leave people hopeless

- Doug Jensen (comment added after meeting): I would like to add a comment that this is extremely important! There are always actions that people can take to prevent, control and minimize impacts of invasive species in their lakes and backyards.
- Find & Report targeted species of concern (black alder, Siberian peashrub, Japanese tree lilac, porcelain berry)
- Mysterious mulberries – a genetic test has been developed to distinguish red/white mulberries; if you think you have a red mulberry contact Angie and she can get you info to send a sample to genetically test
- Bettering butternuts
- Current projects: Garlic mustard aphids, mock strawberry, spotted lanternfly

10:40 am

### **Review of State Plan Implementation Evaluation Report (SPIE)**

- Angie: I thought it was great! It was simple and easy to follow w/average, etc. ratings.
- Ariana: Kudos to Chelsey for clear instructions to team leads for how to organize things.
- Angie: Are we just talking about the report or also how we can improve our scores?
- Rob: Echoing kudos for this report. This seems like the first time MISAC is taking on such an evaluation of how we're doing, so it's great that we are. As a member of the mgmt. committee, Rob struggled with what "average" means, and the report still seems unclear as to what average or above average means.
  - Jen: On page 9 this is discussed.
  - Rob: A clearer understanding of what average means will be helpful in deciding what we can do to improve, and where average might be good enough. There are some hard graders and easy graders. This is our first time doing this, so it's great to set a benchmark.
  - Jen: Management committee graded hard, saying there's a lot we could improve on.
  - Ariana: When look back on this report in a few years, it'll be interesting to see if we're as hard on ourselves.
  - Brian: We need a rubric for perfection.
  - Jen: We have four years to come up with a rubric. Not it 😊
  - Doug (comment added after the meeting): I also struggled with what "average" means" or "needs improvement". From my perspective, we really low balled our ratings based on what is happening compared to other states and jurisdictions. But, I have that somewhat unique perspective and experience. I think that this is a good start, we can use this information, but there is room for improvement. A rubric is a good idea, but there may be another way to assess: 1) Status and 2) Trends. As discussed, Doug will prepare a couple of paragraphs regarding the evaluation section highlighting how MN has led the charge in evaluation of invasive species programs, especially AIS, and what programs and initiatives DNR has recently led based on insights from those evaluations (e.g., community based social marketing).
  -
- Rob: State regulations – I don't write them, are we really rating those organizations (MDA, APHIS, etc.) and not MISAC? How can we influence?
  - Sascha: MISAC could increase our influence on these agencies via letters etc.
- Angie: Suggests that we have a standing agenda item at each MISAC meeting to discuss and address a couple of these items and see how we can improve them.
  - Doug (comment added after meeting): Fully agree! Suggest two items per meeting.
- Ariana: Does a rating of needs improvement mean MISAC should take it on, or is there value in putting forth a report that says things need improvement even if we can't do anything about it, but bringing it to other peoples' attention?

- Doug (comment added after meeting): This is where defining/tracking status and trends as mentioned above will help.
- Jen: Progress –This year MDA spent a lot of money translating Noxious Weed List definitions in Spanish, Hmong, Karen, and Somali. Going forward trying to continue that.
- Meg: What’s it mean that CAIs are not funded? [County Agriculture Inspectors]
  - Bob: CAIs are assigned to folks with other jobs but no state funding. Last year 55% of CAIs spent 0-4 hours on CAI duties per week.
- Ariana: Managing for prevention: Are there projects we can promote for a more holistic approach?
  - Angie: Angie views UMN Extension’s Rewilding Project as part of managing for prevention. Recognizing that there’s less resources/help for smaller landowners – if we can provide more local lists than they’d get at the local nursery, that could help manage for prevention. Can we influence what’s getting sold either through customer demand or horticulture?
  - Brian: That phrase management for prevention makes my head explode. Maybe manage for ecosystem resilience?
    - Ariana: Can we change the wording of the original plan? Rob: Yes, it’s meant to be changed.
    - Rob: NWAC is having the same discussion. Prevention is not in statute. People have different ideas. Some view prevention as containment. Rob views it as there are threatening species outside of MN that we don’t want to get here, so what regulatory mechanisms are there, or surveillance.
    - Doug (comment added after meeting): Rob is correct. But, I would like to add this comment: The goals of our state plan center around prevention, control/containment and minimizing impacts. There will always be some overlap gray areas among these categories.
    - Ariana: Seems like we need to be more explicit/specific in language, rubric.
      - Doug is interested in helping develop the rubric.
- Ariana: Funding: We had a guest speaker earlier in the year about lobbying, securing funds, seems like there’s some interest from MISAC members on this, but long-term plans...?
- Ariana: Evaluation:
  - Rob: Define what prevention is, and have a rubric. Until we have those things, I’m not sure what this is.
- Angie: Progress: Include 12 new jumping worm names, relates to DEI. Strategy 6 under 4<sup>th</sup> element.
- Rob: State Plan is used by DNR to get FWS funding – will this evaluation be used in any report to FWS? If DNR does a separate AIS-focused evaluation, it might be nice to incorporate that into MISAC’s evaluation.
  - Kate Wyman-Grothem: The plans have to be good enough to be approved, but once they're approved, it doesn't really matter what's in them. And no, there wouldn't be any expectation to submit this report to FWS.
  - Doug (comment added after meeting): Kate is correct, there is no expectation that this evaluation is required. However, there are no other states conducting any type of evaluation process of their state plan so this could prompt them into doing so. Let's be sure to add this as an addendum or attachment to any further reports to the ANSTF for their consideration and promotion.
- ALL: Read through full report and send any edits to Chelsey by July 28.

11:30 am

### **Curly Leaf Pondweed Management and Native Plant Restoration in Como Lake, Britta Belden, Capitol Region Watershed District**

- Como Lake has a large, fully developed watershed that has high inputs of nutrients, also high nutrient loading in sediments, plus decomposing plants
- Very dense curly leaf pondweed population throughout the whole littoral zone
  - o CLP has atypical growing season – starts growing in fall, grows under ice in winter, springs to water surface after ice off, late-June senescence
  - o End of June die off is highly problematic because high sunlight, high temps, decomposition releases big pulse of phosphorus – leads to algal blooms
- Developed Como Lake long-term vegetation management plan: invasive species control, native plant community reestablishment, longterm monitoring and maintenance
  - o Herbicide identified as most viable/feasible management method
  - o Sought community support for this approach
  - o April 2020 and March 2021, two whole-lake herbicide treatments of CLP using fluridone immediately after ice out
  - o 98% reduction in turion counts in sediments after two years.
  - o Next step was to reestablish native plant community, transplanted over 500 live native plants – they are now thriving
  - o Common carp removal effort (~10% removed)
  - o Despite all the gains, CLP came back with a vengeance in 2023

12:15 pm

### **Lunch (45 min)**

1:00 pm

### **Discussion of SPIE follow-up on Leadership and Coordination: Neighboring State, Regional, National and International Entities**

- There were only 10 respondents to the survey, it's still open though
- 2 MISAC members with GLRI, 1 with NE RISCC
- No one part of IPAW or Ontario IS Council [after the meeting Jen Larsen said she would contact IPAW to see if she could be a liaison between IPAW and MISAC; Doug said he is in contact with ISC through the Great Lakes Panel on ANS.]
- MISAC members are also affiliated with a range of regional groups including: Conservation Corp of Minnesota and Iowa, Great Lakes Panel on Aquatic Nuisance Species, Great Lakes Water Quality Agreement Annex 6, Mississippi River Basin Panel on Aquatic Nuisance Species, Midwest Invasive Plant Network, Northeast-Midwest State Foresters Alliance, Minnesota Master Naturalists, Western Lake Superior AIS Group. No members indicated they are associated with the Lake Superior Partnership. Some Minnesota CISMAs are also part of the Stewardship Network.
  - o Doug is an alternate member on the Lake Superior Partnership Work Group and is actively engaged.
- MISAC members are also affiliated with a handful of national groups, including The Aquatic Nuisance Species Task Force, The Invasive Species Advisory Committee, North American Invasive Species Management Association, Wild Ones, and the Prairie Enthusiasts. No one indicated association with NISC. Other groups mentioned (but it's unclear if MISAC members are affiliated or not) included the National Association of Invasive Plant Councils (NA-IPC) and Canada's Invasive Species Centre.
  - o Doug is an active member of the ANSTF's Outreach and Communication Subcommittee (was past co-chair) and AIS Community of Practice (founding chair), now active participant. Doug is engaged with ISC through the GLP as mentioned above.
  - o Another national group not listed is the Association of Fish and Wildlife Agencies. While MnDNR has not been actively engaged with this organization, Doug has been

tracking efforts. I am also involved in a more recent nat'l group called "AIS in Commerce" which is being led by the Invasive Species Action Network.

- MISAC members are also affiliated with two international groups – IUCN SSC Invasive Species Specialist Group and International Multi-Agency Arrangement Technical Advisory Committee (IMA-TAC) AIS Subcommittee (for Rainy-Lake of the Woods Basin)
  - o Doug also served as technical advisor for International Conferences on Aquatic Invasive Species, including the last one in Belgium in 2022.
- Christina: I think USGS is pulling together an AIS/TIS group.
- Angie: Ending Pandemics – Angie is on the invasive species subcommittee/working group (international group)
- Rob: I'm part of the International Pest Risk Research Group
- Jen B: MISAC partners with IPAW for UMISC planning
- Jen Larsen: After the meeting, Jen reached out to IPAW to see if she could be our connection between MISAC and IPAW (and she said she'd also check to see if there's any similar group in Iowa).
- ALL: If there are any additional groups to be included, email Ariana or fill out the survey before July 28.
- This list will help inform the SPIE report regarding memberships in other groups.

1:20 pm

### **Bythotrephes on the move: How can we prevent human-based spread?**

#### **Dr. Donn Branstrator, UMN Duluth**

- Objective: To review the science behind state recommendations and laws to prevent the spread of spiny water flea.
- Recommendations in fishing regs: Dry for at least 5 days; rinse with water >120F for >2 mins
  - o Data shows 120\* or hotter for 5 minutes or longer is 100% effective at killing resting egg stage
  - o Data shows 1.5 hours or longer is 100% effective at killing active life stage. 12 hours 100% effective on dormant life stage.
  - o Other potential decontamination approaches: chlorination, freezing, Virkon aquatic disinfectant [Doug comment after the meeting: While they may be effective, the federal Aquatic Nuisance Species Task Force does not recommend use of ANY chemical prophylactics as they are harmful to the environment.]
- Required action is to remove visible aquatic plants and animals and drain all water from containing devices

2:00pm

### **Break**

2:20 pm

### **Updates from Members**

- **Ariana Richardson:** Just released a tool station guide or flyer for local lake groups/shoreline owners to get sponsors to get more tool stations at lake launches. These are an alternate to CD3 stations (\$150). Active in inspection season.
- **Sascha Lodge and Laura Van Riper:**
  - o State Fair: The DNR is still looking for people to staff the invasive species display at the state fair. The open slots are evenings and weekends. Visit the [display webpage](#) to learn more and sign up.
  - o EDDMapS maps – I wanted to share two updated features available in [EDDMapS](#) and instructions on how to access them. It is now easy to generate a list of non-native species found in a particular county and to view maps showing multiple species.
  - o County lists of non-native species
    - Go to the [Tools](#) page.



- Choose [Species Status Report By State](#).
- Pick Minnesota.
- Pick your county of interest from the drop down list.
- It then shows you a list of the species from that county that are in EDDMapS. The default shows insects, diseases, plants, and animals, but you can uncheck any to narrow your list down further.
- You can view the list on the screen and also download the list as a CSV, Excel, or PDF file to make it easy to share with others.
- *This is a helpful tool for when you get questions such as “Which non-native species are present in my county?”*
- Maps showing multiple species
  - Go to the [Tools](#) page.
  - Choose [Species Status Report By Other Geographic Location](#)
  - Pick Minnesota as the state.
  - You can narrow down further by adding in a county. If you have a particular lake, state park, township, etc. that you are interested in, you can type it in. You then choose it and you see a map with the points of all the EDDMapS report in that geographic location along with a list of the species names and the number of reports per species.
  - *This is a helpful tool for when you get questions such as “Which non-native species are present in my city, a particular lake (including species beyond those on the infested waters list – here is the link for the [infested waters map](#) which shows species by lake), a particular state park, etc.?”*
- **Angie Gupta:** I’m super grateful for new Regional Extension Educator Forestry Anna Stockstad out of Cloquet. Kudos to Chairs for long breaks for networking.
- **Brian Schwingle:** Just started job a month ago, been on DNR’s Forest Health team for 7 years (Val Cervenka was predecessor). FH Team deals with things that kill trees across the state. Most work involves small scale in-depth investigations for professional land managers. Maybe 20-40% of the time deal with non-native species (e.g., white pine blister rust, larch case bearer, etc.). Also do big aerial survey to assess canopy condition. USFS can no longer fly across the region for FH (due to safety concerns), so DNR trying to fill in. FH team is short-staffed (Brian’s old position vacant). Oak wilt is a big deal – we have 3-4 grants dealing with oak wilt control, including \$77K for oak wilt outreach and education; and LCCMR funded private lands oak wilt control in central MN in the past (not funded this year).
- **Kelly Pennington:** Three positions currently open (Kelly shared on MISAC listserv). Busy season for watercraft inspections and work from DNR AIS plant management grants. Invasive carp planning process, 70 representatives to go through structured decision-making process, ongoing through end of 2023 – focused on Mississippi River basin in MN and the invasive carp species that are there; hopefully will give us management recommendations and values and objectives in applying them to inform invasive carp action plan.
- **Roger Becker:** Back in commission. Jeanne Katovich had retired, but Roger is still contracting with her to finish the seed feeder petition, to be submitted probably this fall. Canada will submit off of our petition. It might go quicker than the other one.
- **Rob Venette:** Really good media attention on work around buckthorn – buckthorn doesn’t build much of a seedbank (only 2 years rather than 6-7), so starting conversations about changing our approach to management; progress in biocontrol of buckthorn using pathogens. Final reports coming in, reviewing 11 new projects to start in January. Had hearing for \$7mil at LCCMR.
- **Megan Weber:** Filled a new position so back to full capacity of three. Registration open for Starry Trek, statewide search for AIS on August 19, 22 locations across the state open. Go

sign up if you want to join or share it with others - starrytrek.org. Co-teaching an aquatic plant ID workshop with DNR again this year, but already sold out (capped at 40, 10 person waitlist). Last year, taught 70 different species. Heading to South Dakota next month – they've seen a spread of zebra mussels, so August 10 in Brookings will be the first non MN AIS detectors workshop.

- **Meg Duhr:** Just joined Three Rivers in early May (previously MAISRC and FWS), trying to get back into TIS. Goal: maintain projects Emily was working on. Most of my labor is from CCMi crews but unstable this year, extreme turnover and unable to fill crews. Thinking about different staffing models, how to professionalize crews, long-term goal. Been hitting wild parsnip really hard, eradication effort, a couple years ago, trying to map and treat every location in the district. Japanese hedge parsley, barberry, winged burning bush, orange hawkweed this summer until buckthorn and bittersweet projects. Looking for knapweed weevils. (Sascha says there may be some at General Andrews Nursery, or else DNR-Forestry orders them from Montana.)
- **Jen Burington:** Job open – assistant quarantine officer. Spongy moth treatments happening in Duluth this weekend after the air show; USFS contracted planes. Mating disruption, not BtK just pheromone, much outreach ahead of time. EAB quarantine map continues to be updated. Insect and disease surveys are being conducted for spongy moth. With Angie Gupta, running ads for spotted lantern fly and tree of heaven in southeast MN. Two positive reports of spongy moth caterpillars in areas that were not heavily trapped (that didn't have a large catch last year) – these now have more traps put around them, probably will be more as time goes on because populations keep spreading and increasing. For private campgrounds, there are new weatherproof plastic sheeting flyers for Report a Pest and Buy Local Burn Local. Jen will offer to all private campgrounds, also includes stickers and matchbooks (200K ☺). Also updated spongy moth ID cards and lifecycle brochures, and quarantine brochures.
- **Bob Dunning:** Annual conference of CAIs is Mon-Wed next week in Crookston. There we will decide if we'll try again for funding in the next legislative session. Luckily MDA was funded with \$300K for two years for Noxious Weed Grants, which is good for us. Locally I've been on many many weed tours with township and county folks. Rough potato just found two new spots (within the circle it's been in). Had a contractor do treatments last fall that were very successful, some small plants coming up, but city workers are keeping on top of it.
- **Christina Basch:** Went looking at tree of heaven in Houston Co – both locations are dead with no regrowth. Also surveying 26 and 61 looking at other locations and it's all sumac or ash. Highway for Habitat got funded through legislature, 2 year appropriation for MnDOT to focus on restoring right of ways. Grecian foxglove treatments in Washington Co are coming to a close, gone well this year. Also been following up on teasel in Houston, Winona and Fillmore Co. Also planning knotweed treatments for some construction sites. Mapping all trees in rest areas on I-90 and I-94 for EAB (possibly more counties soon to be added to the list). Also working on developing management plans for eradicate list species; working on teasel, tree of heaven; with bittersweet moved to control list will focus more on containment (focusing on fruiting vines, forestry mowing in dense infestations and not necessarily herbicide until fruits come back).
- **Robie Rock:** Recent transplant from Leech Lake Band wildlife dept. This summer working with CCMi crew, locust, garlic mustard, buckthorn. Released purple loosestrife beetles. DASH boat on Leech Lake. Talked with Cass Co about wild parsnip and what we can do to control it.
- **Cori Mattke:** A few updates from MAISRC: 1. Lots happening in the field and lab with MAISRC this summer. We have a number of projects wrapping up that we'll be sharing results from. 2. This year's Research and Management Showcase is set for Sept 20, online. It'll be our largest yet with many projects reporting out results! Registration information will



be shared soon. 3. We are also hosting a 10th anniversary celebration for MAISRC on Oct 5. More information will be shared soon, but we'll be gathering to celebrate progress on AIS research over the last decade and look ahead at what comes next.

- **Doug Jensen:**

- *Watercraft Inspection and Enforcement:* In 2022, DNR and local gov't watercraft Inspectors completed 439,770 inspections of watercraft at water accesses in MN. Conservation Officers completed 11,014 hours of invasive species education and enforcement.
- *Take the Pledge:* In June 2022, initiated a campaign for individuals to pledge to take AIS prevention steps. So far, 400+ people publicly commitment join to (mndnr.gov/AIS Pledge).
- *Didymo:* Researchers continue to work with scientists at other organizations to investigate distribution, density, and impacts of Didymo in Lake Superior and North Shore streams.
- *Regulation:* DNR proposed rule changes to add species to prohibited invasive species list. Rule was proposed to strengthen our ability to prevent introduction and spread of priority species like jumping worms and nonnative Phragmites, align invasive species classifications with regional priority species lists, and fill critical gaps created by a 2015 legal decision that reinterpreted federal injurious species authorities. Public comments on proposed rule changes are under review.
- *Invasive carp:* Monitoring continues for all life stages of invasive carp using various gears, tagging and tracking, contracting commercial fishers for capture, and adapting new techniques such as the modified-unified method, or MUM. Collaborating with USGS, USFWS, WIDNR, NPS, and Wild Rivers Conservancy with two MUM events on the MS River in 2023. Future projects include: using attractant stations to concentrate them for capture, identifying watershed breaches that can be blocked to prevent upstream movement, modeling reproduction in the Upper MS River to identify priority locations for management, and launching a structured decision-making process to inform update of the Minnesota Invasive Carp Action Plan in 2023.
- *County AIS Prevention Aid:* DNR provides technical support to local government staff leading their county's AIS Prevention Aid programs. During winter-spring 2023, DNR AIS prevention planners hosted six workshops for staff and stakeholders involved in developing and implementing local AIS programs. Four workshops featured short presentations on topics of interest including: AIS Activities at Water Accesses, Public engagement, Strategic Planning and Evaluation, and Monitoring, Detection and Response. Two workshops, one online and another in-person, provided opportunities to network, share experiences, problem solve, gain knowledge, support inter-county collaboration, and leverage resources.
- *Invasive aquatic plant management grants:* In 2022, 404 permits were issued to control invasive aquatic plants and Control Grant Program which funded 223 invasive aquatic plant treatments through 142 grants, totaling \$1.25M. In 2023, \$400,000 in grant funding will support local entities to conduct 102 control projects to treat Eurasian watermilfoil, curly-leaf pondweed, flowering rush, and starry stonewort. Projects funded for two years will wrap up with one-year of post-treatment monitoring to evaluate innovative control projects.
- *Nonnative Phragmites:* Management efforts funded control on "clearing counties" with small infestations. Contractors visited 423 sites in 31 counties. At 100 sites, no live nonnative Phrag was found, largely due to previous years' effective treatments. DNR contracted knock down of dense standing dead plants to facilitate treatment this summer at ~30 sites.

4:00 pm

**Adjourn**

# Zoom meeting

Online: <https://umn.zoom.us/j/98958741698?pwd=WUREVWdXbjQ3L1hBV0U5YXMvT0VqQT09>

By Phone: +1 651 372 8299 US (Minnesota) Meeting ID: 989 5874 1698 Passcode: MISACQ3

## MISAC Goals for 2023

- Continue open communication about invasive species actions and issues facing member organizations with quarterly meetings (January, April, July, October)
- Continue to follow up with Earthworm Regulation
- Engage in field trip and UMISC planning
- Distribute Carol Mortensen Awards to recognize outstanding invasive species efforts
- Produce MISAC calendar for 2024
- Membership (annual) review (2023)
- Conduct an evaluation of the implementation of Minnesota's Invasive Species Management Plan
- Identify key issues as brought forth by members where we have ability to influence decision-making
- Invite speakers on key issues to improve understanding

## Excerpts from Bylaws

### Purpose and Objective

The purpose of the ***Minnesota Invasive Species Advisory Council*** is to provide communication, coordination, and integration among member organizations to implement elements of the Minnesota Statewide Invasive Species Management Plan by:

- Promoting communication and cooperation among organizations involved in invasive species issues.
- Coordinating outreach on invasive species (such as the MISAC calendar)
- Supporting state-wide and multi-state conferences related to invasive species issues.
- Supporting trainings and field visits related to invasive species
- Recognizing outstanding and noteworthy work related to invasive species and encouraging such work through the Carol Mortensen Award
- Maintaining the MISAC website to help the public locate invasive species resources
- Advocating for research and management for the species and pathways deemed greatest risk.
- Working on other projects that MISAC finds to be appropriate.
- These functions support, but do not supersede, the goals and responsibilities of member organizations.

### Co-Chairs and Minutes

The Council is led by a chair, co-chair, and past-chair. The Council will elect a new co-chair annually for a three-year term. The co-chair serves the first year as co-chair, then becomes chair in the second year of her/his term, and then serves the third year as the past-chair. Any Council member may be nominated to serve. The Chair is responsible for setting the agenda for each quarterly meeting, coordinating with the Minnesota DNR to produce the MISAC calendar, and representing the Council as an ex officio member of organizing committees for MISAC-endorsed events. The co-chair is responsible for arranging the time and location for quarterly meetings, taking minutes, distributing minutes, and correcting minutes as needed. Meeting minutes will be reviewed for additions or corrections and approved by the Council at the following meeting. The past-chair assists in continuity and transition of leadership.

## E-mail Address for Group Between Meetings

[minnesota-invasive-species-advisory-councils@googlegroups.com](mailto:minnesota-invasive-species-advisory-councils@googlegroups.com)

## **MISAC Committees**

### **Website**

- Ariana Richardson, Chair
- Kelsey Taylor, Doug Jensen

### **DEI**

- Ariana Richardson, Chair
- Kate Wyman-Grothem, Kate Hagsten, Jennifer Burington, Kelsey Taylor, Liz Anderson

### **UMISC 2024**

- Program committees
  - Terrestrial:
  - Aquatic:
  - Either aquatic or terrestrial:
  - UMISC field trip:
- Media Committee

### **Carol Mortensen Award**

- TBD in late 2023
- 2022 Committee Members: Laura Van Riper, Bob Dunning, Emily Dunlap, Sascha Lodge, Ariana Richardson

### **MISAC Bylaws Revision**

- TBD in late 2024; next revision due in 2025