



## Meeting Minutes: April 13<sup>th</sup> and 14<sup>th</sup>, 2022

April 13<sup>th</sup>, 2022 • 9:00 am to 12:00 pm  
April 14<sup>th</sup>, 2021 • 9:00 am to 12:00 pm  
Remote Only

### April 13, 2022, 9:00 am to 12:00 pm

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#### Present via Zoom

Most but not all participants were present for the entire meeting.

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|---------------------|------------------------|--------------------------|
| 1. Bob Dunning      | 11. Val Cervenka       | 21. Brian Martinson      |
| 2. Katie Sickmann   | 12. Mark Gaikowski     | 22. Krishna Woerheide    |
| 3. Tyler Kaspar     | 13. Shawn Murphy       | 23. Dane Huniker         |
| 4. Chelsey Blanke   | 14. Laura Van Riper    | 24. Elliot Engen         |
| 5. Kelsey Taylor    | 15. Jennifer Burington | 25. Eric Fischer         |
| 6. Megan Weber      | 16. Jim Calkins        | 26. Emily Justin         |
| 7. Kelly Pennington | 17. Mark Rhoades       | 27. Andrew Dickhart      |
| 8. Sascha Lodge     | 18. Emily Dunlap       | 28. Drew Felt Kristchner |
| 9. Christina Bosch  | 19. Joe Schneider      | 29. Forest Eidbo         |
| 10. Paul Erdmann    | 20. Jeff Forester      | 30. Jake Anderson        |

#### Council Business

- Vote to approve the agenda, Approved
- Approval of Meeting Minutes from January 2022, Approved
- Treasurer's report submitted by Wildlife Forever, fiscal agent for MISAC (14 participants) of participants that voted approved, 1 abstained, Approved
- 2022 Leadership - Jennifer Burington, Chelsey Blanke, Ariana Richardson
- Upcoming meeting date: July 14, 2022

#### Updates and Discussion Topics

##### Discussion on Speaker Honoraria– Chelsey Blanke

Proposal to begin on a case-by-case basis offering Honorarium for guest speakers. Mike Dockery from UMN has been a speaker of interest for some time. The general group consensus was given to offer an honorarium of \$100 to Mike Dockery to speak at our July Meeting.

##### UMISC Planning – Jennifer Burington

- UMISC will be held both in-person and virtually
- Abstracts needed
- CISMA sessions
- Confirmed Plenary Speakers: Oneida Nation and AJ Sadhi
- Exhibiting: online & in-person utilizing EventMobi again
- Local Green Bay Field Trips Planning still underway

## 2022 Field Trip Planning - Kelsey Taylor

- The date of the event is May 24; back up of the 25<sup>th</sup>
- The event capped at 55 non-tribal participants, 20 tribal participants
- Discussion on Tribal Member Registration fees waived, paid by MISAC at a maximum of \$400.00 or raising registration by 5\$ to 45\$ per person to reduce coverage from MISAC
- Costs go towards lunch and mileage, and honorarium.
- Speakers on EAB, Biocontrol, Invasive species and Wild Rice, Sturgeon, and Highway 23 Mission Creek Project
- Poll: Vote to Support Costs for Tribal Members by MISAC directly -Approved by 58 %  
21% abstained, and 21% voted to support costs by raising registration fees.

## MISAC Bylaws Revision- Sascha Lodge

- Updates are primarily clarification on how we currently operate
- The mission statement updated the language to "People of Minnesota" rather than Citizens of Minnesota
- State Plan is to be reviewed every four years to match the plan
- Update to the order of sections, Minor wording updates, merged representation and membership, updated memberships
- Added indemnification/ legal text added to protect members from any potential lawsuits
- Clarified how the quorum is calculated; half of last year's average attendance +1
- Explicitly named Wildlife Forever as the fiscal agent of MISAC stated there is a Memorandum of Understanding
- Increased the discretionary budget for leadership from \$250.00 to \$500.00
- Bylaws to be reviewed every three years
- Poll: Vote to approve updated bylaws: 96% approved one abstaining vote

## Website Committee Update- Elliot Engen

- UMISC Links are updated along with current information
- Banner for Carol Mortenson Award added

## 2022 Carol Mortensen Award – Laura Van Riper

- Nominations are due by July 1
- Nomination forms are under Conference>Carol Mortensen Awards

## 2023 Calendar update– Laura Van Riper

- Graphic Design next month

- Editors are working with Calendar Topic Authors
- Orders will open later in the summer

## County Agricultural Inspectors- Bob Dunning

County Ag Inspectors bill linked with MDA's Noxious weed and Invasive plant Grant program, which increases our chance of being funded. In-person Conference in Morten, Minnesota, is still being planned.

## Engagement Discussions

Minnesota Invasive Species Advisory Council, MISAC – Laura Van Riper Leadership 2011-2014

Background:

- 1990- Interagency Exotic Species Task Force formed
- 2001 Minnesota Invasive Species Advisory Council, Co-chaired by MDA and MN DNR, was formed in response to the Presidential Executive Order 13112 on invasive species, The National Invasive Species Management Plan, and the Minnesota Legislature's encouragement of the state to plan to act on invasive species.
- 2005 -Membership included Federal, State, Tribal and Local Agencies, Colleges of the University of Minnesota, The Nature Conservancy, Minnesota Farm Bureau, and Golf Course Associations.
- From 2005-2009 plan development was the main focus of MISAC
- Background and regulatory information, Ranking invasive species and threat levels

Goals included cooperative coordination of invasive species management across the state

Traveling workshops and Conference Development has been a critical focus of MISACs

Invasive species conferences, Invasion Biology Consortium, eventually leading to the partnership of MISAC MIPN WISC hosting UMISC

In recent years:

- 2018: Clarification of MISAC Purpose & Guiding Principles we continue to use
- The 2019 Species list from the original plan was updated
- In 2021 the State plan update was initiated and will be reviewed by the ANS Federal task force

Michigan Invasive Species Program – Sarah LeSage

Michigan's AIS Advisory Council: History

- Created in 2011 through Legislative action
- Composed of appointed members from regulated entities, farm bureau, citizen organizations, academia, and government agencies.
- Charged with making recommendations on various AIS Issues, including recommending updates to the AIS State Management Plan and offered recommendations for the state's certification of the USEPA's Vessel Grant Permit. The final report and recommendations were submitted in 2013.

There is not currently an AIS Advisory joint effort between three departments Department of environment Great Lakes and energy Department of Natural Resources, the Department of Agriculture and Rural Development, the Department of Transportation, and the Attorney General.

Program priorities include:

- Blocking invasive carp
- Ballast water organisms in trade
- Aquatic- hitchhikers
- Responding to new invasive species (Hemlock woolly adelgid, red swamp crayfish, Japanese knotweed, and Eurasian watermilfoil are of concern)

Questions:

Q: Can you tell us about the whitelists?

A: The statute was to draft a list of allowed species and, after consulting with specialists, to include in their recommendations for species lists for prohibited and permitted species. The approach for a permitted species list was problematic, and the requirement has since been removed. Instead, now entities must register if they are trading organisms.

Q: Is the grant program still ongoing?

A: It is ongoing. A 5 million annual appropriation supports paid staff, and 3.6 million to be offered as grants. A large portion of the grants goes towards supporting CISMAs.

### Indiana Invasive Species Council- Eric Fischer

The council was formed in 2009 by legislation as a task force authorized for six years and was re-authorized in 2015. The council includes Purdue University College of Agriculture, IN Department of Agriculture, IN Department of Transportation, DNR Division of Entomology and Plant pathology, board of animal health, IN DNR Division of Fish and Wildlife, representatives from NGOs, Local Governments (2), Industry (2), Research (1). The council has facilitated the Statewide adoption of the EDRR – reporting mechanism. In addition, ad-hoc Committees are called upon as needed, such as Aquatic, IPAC- Indiana Plant Advisory Committee, Education and Outreach, Communications and Website, and conference committees. Quarterly meetings are held in addition to a Bi-annual conference.

Duties include:

- Recommend project priorities, funding, and rules and laws.
- Identify lead agencies to develop proper inventories and databases.
- Coordinate education and outreach activities. Plan and conduct a public informational meeting every two years and receive and manage reports from agencies acting on recommendations.
- Developed the Indiana Terrestrial Plant rule, which included 126+ species risk assessments.
- Coordinate and facilitate the development of CISMA's.

### New York State Invasive Species Council and Advisory Committee- Cathy McGlynn

Background: The Bureau of Invasive species and ecosystems Health The Council was created in 2009 by title 17, section 9 of our Environmental Conservation law, and has nine members. The council is Co-lead by the Department of Environmental Conservation and Department of Agriculture and Markets. The other members

include the Department of Transportation, the Department of education, the office of parks, and the New York State Thruway Authority and Canal Corps in the Adirondack Park agency.

**Role of the Council:**

- Organizing convene a panel invasive species Summit
- Support our Partnerships Regional Invasive Species Management (PRISMs)
- Maintain a Statewide locational database
- Maintain a Statewide information Clearinghouse
- Input on regulatory processes
- Support NY Invasive species research institute and develop IS and AIS Management plans.

Council Partners: ISAC Invasive species advisory committee includes 25 stakeholder organizations, including New York's eight PRISMs. ISCS and ISAC Projects work closely with the NERISCC group to support Research. Canal Corps/DEC are working on a response plan for round goby risk. Potential collaboration with MN could include outreach regarding organisms in trade and other risk pathways.

Questions:

Q: What was the role of the Department of Education?

A: Development of a strategic plan for education, outreach, and invasive species curriculum for k-12.

Ohio's Aquatic Invasive Species Committee– John Navarro

The committee is an informal advisory committee to service state programs, especially the Department of Wildlife. Members include state and federal agencies, municipal parks and zoos, and industry members. In addition, ODA determines regulated and prohibited species. The Ohio Invasive Plant Council is a similar advisory board that completed the initial ODA Invasive Plant Rule risk assessment.

Q: Why zoos?

A: Zoos are great partners in identifying nonnative species and are great informative partners.

Pennsylvania Invasive Species Council- Kristopher Abell

Invasive Species Council was created in 2004. In 2017 membership was increased to 14 members, including government agencies and non-government entities. The Council Mandates include developing and implementing a state invasive species management plan, guiding prevention and control, and facilitating coordination among federal, regional, state, and local efforts. Seven Members from state agencies and 14 non-state agencies.

Currently working on

- Developing a PRISM program
- Risk assessments, species lists, and programs for certifications for Mulch and Gravel are based on NAISMA's standards.

Wisconsin Invasive Species Council- Drew Feldkirchner

The Wisconsin Invasive species law (2002) formed the council to advise the Department of natural resources and establish a statewide program to control invasive species. The council was directed to conduct studies on controlling invasive species and is currently focused on their Rule Revisions. The educational committee is the most active.

#### Questions for Panel:

Q: What does prevention look like for your groups?

A: In PA, focus on the Spotted Lantern Fly, Quarantine Program is the most robust, but boat inspections would likely need more work. In OH our most powerful tool would be the injurious list. WI focuses on education mainly, but that is costly and competitive.

Q: Are there eastern states doing inspections at borders?

A: It is an interesting question. I have noticed some states west of Minnesota having more aggressive boat inspections, so it will be interesting to see if California sees an increase in species due to the pausing of inspections due to covid.

Q: Is Extension involved with your organizations?

A: In Ohio, Eugene was involved with OH Sea Grant and continued his work in AIS over at Extension. Yes, in Wisconsin.

Q: How can we improve communication among our state's invasive species councils?

A: Staying connected with our councils and panels is a starting point, perhaps follow-up discussions and sharing of Risk Assessments. UMASS Northeastern Invasive Plant Council also has a google drive for Climate Change-related risk assessment.



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| 4. Angie Gupta        | 13. Mark Gaikowski  | 22. Shawn Murphy       |
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| 6. Forest Eidbo       | 15. Monica Chandler | 24. Jim Calkins        |
| 7. Jacob Anderosn     | 16. Rob Venette     | 25. Angelique Dahlberg |
| 8. Jeffery Kalin      | 17. Katie Sickmann  | 26. Joe Schneider      |
| 9. Krishna Woerheide  | 18. Tyler Kaspar    |                        |

### Updates from Members

**Megan Weber –the University of Minnesota Extension** – Wrapped up our consumer-focused Aquatic Invasive Species Management Course. In-person workshops are back, and a new citizen science project around Zebra Mussels and computer learning are ongoing.

**Jennifer Burington – MDA-** Spongy moth field Positions are open in Cokato and Floodwood. Plant pest Insider will be sent annual reports for field crops, nurseries, bees, and nurse programs. Hemp grower applications are still being accepted.

**Angie Gupta – U of M Extension Forestry** – Community Science projects on mysterious mulberry and jumping worm wrapped up. Extension forestry has significantly decreased capacity; only two educators in the state remain, and Rochester extension is moving offices.

**Angelique Dahlberg** – University of Minnesota Aquatic Invasive Species Research Center- Continuing 2019 low-dose copper study on zebra mussel suppression. Currently, we are collecting Research on zebra mussel suppression and looking to highlight trends and key takeaways, hopefully, published soon.

**Brian Martinson-Association of MN Counties-** We have 11 platform planks that address aquatic plants or invasive species. We are affiliated with planning and zoning administrations advising on using county AIS aid. There is interest in the terrestrial pest and focus on how to assist better.

**Christina Basch MnDOT** –Updating permit process for noxious weed control with MDA. Over the winter, the focus has been on the ash survey (population and status). Also, the federal infrastructure bill includes an annual grant for invasive plant management, more information to come.

**Emily Dunlap-Three Rivers Park District**- Oriental bittersweet surveying this winter found ten new points, adding new volunteers to the rapid response and early detection team. Planning on wild parsnip management next.

**Forest Edibo- MN DNR Forestry**- This summer, visitor surveys on attitudes and behaviors about terrestrial invasive species will be carried out at two state forests.

**Jacob Anderson- Nature Conservancy**- Seasonal workers are coming on for weed control this summer. Positions are still open.

**Jeffery Kalin- NRCS**-Changes to Prescribed fire approvals and training ongoing with staff.

**Krishna Woerheide – Grand Portage Band of Lake Superior Chippewa**- Preparing for the continuation of the spotted wing drosophila project.

**Laura Van Riper – MN DNR Invasive Species Program** – The Invasive Species Annual Report is online. MN DNR Heritage Committee members have expressed more interest in AIS Funding and how the funding model could apply to terrestrial invasive species.

**Liz Anderson- Lake County**- This summer, a project reviewing the Boat Launch Access Sign Project with Boundary Waters Coalition & Doug Jensen should result in new signs installed with the watersheds message once approved. The project covered three counties.

**Maggie Barnick- Noxious Weed Team MDA**- New to MDA and the Noxious weed team, working with northern Minnesota.

**Mark Gaikowski- USGS Upper Midwest Environmental Sciences Center**- Looking at the use of carbon dioxide in ZM management. Lock 19 invasive carp project continues, and work with the bio-acoustic fish fence.

**Michael Rhodes- St Croix National Scenic Way**- Garlic Mustard Treatments are starting, and buckthorn projects are continuing this year. Last year European barberry was treated. Recently a new site in pine county was discovered to have emerald ash borer likely.

**Monica Chandler- MDA Noxious Weed Program**- Maggie is a new addition to our team! ISM Track development is ongoing, and an application for tracking management activities in the field for Apple IOS will have a beta version available in the App Store soon. A Canadian Province has agreed to use the tool. MDA has requested a grant to fund county agriculture inspectors and local governments to control noxious weeds.

**Paul Erdmann – Minnesota Board of Soil and Water Resources** – BWSR Academy is returning in person and ongoing through October. Phragmites' Research with Julia Bohen is ongoing. A link is sent to the chat for reporting tools and a reminder that funding is secured for them to continue their work.

**Rob Venette- US Forest Service and UMN MITPCC**- Research on the elongate hemlock scale shows early results that it may be cold and hearty enough to do well in the southern part of the state, and this is concerning. Working with Rhodes and Sickmann on temperatures of emerald ash borer in the St Croix river valley is ongoing. MITPCC is still pursuing funding and thanks MISAC for their letter of support. Graduate students may be reaching out for participation in their Research to ensure their work will be implemented. In-person events to identify invasive species will take place, and goat and buckthorn research is also ongoing.



**Sascha Lodge – Minnesota DNR Forestry** – Planning fall woody invasive treatments and recently acquired new interns for the first time in a few years.

**Shawn Murphy -Metropolitan Mosquito Control-** Monitoring of the Lone star tick, James town canyon virus, and invasive mosquitos, one solely found at Liberty Tire in Savage *Aedes Albopictus*, is a vector of dengue and zika.

**Tyler Kaspar – 1854 Treaty Authority-** Mystery Snail telemetry project to understand migration in winter months showed the snails burrow into sediment rather than migrate into a central spot. Two new invasive species specialists are starting in May. Terrestrial plant control and boat inspections are continuing this summer. Partnering to continue Habitade events in the area.

**Val Cervenka –Forest Health Program Coordinator MN DNR-** Almost 5000 acres from Fillmore to Wabasha county of EAB damage viewed by aerial surveys. Also, monitoring Oak wilt- Cass and Crow Wing counties was recently found in 2021. Two brochures on identifying oak wilt and its management are being developed for homeowners. September 12<sup>th</sup> – 15<sup>th</sup> is the North Central Forest Pest Workshop.

**Katie Sickmann -Wild Rivers Conservancy-** One forestry intern and two invasive species interns are starting soon. Working to do roadside phragmites surveys for management in the fall. Purple iris and purple loosestrife along the river and pine county this year. The citizen science biocontrol project for purple loosestrife is still up for LCCMR Funding. Rusty Crayfish surveys are ongoing this summer. AIS workshops on Phragmites, flowering rush, and starry stonewort will be held this summer. The group will be sent information on registration later. Zebra Mussel Monitoring and Spiny Water-flea monitoring continue this summer as well.

**Joe Schneider- MN COLA-** Working with a consultant on resiliency, sharing information from RISCC.

**Chelsey Blanke-** Time with DNR wrapping up soon, working to share more on bait pathways.

**Jim Calkins Minnesota Nursery & Landscape Association** -Focusing on Jumping worms and developing a proposal for control from an industry perspective.

## Engagement Discussions

The Northeast Regional Invasive Species & Climate Change (RISCC) Management Network – Tori Lyn Morelli (USGS, US Department of the Interior Northeast Climate Adaptation Science Center and University of Massachusetts Department of Environmental Conservation)

- Climate Changes Exacerbating Invasive species impacts
  - Southwest is dryer
  - Heavier precipitation in the NE and Midwest
  - Growing seasons increasing
  - No Snow by 2100
  - Allows invasive species to emerge earlier and stay longer, outcompete natives, shift range, and evade herbicides with decreasing efficacy.
  - Examples: Emerald ash borer, Southern Pine Beetle
- Translation Invasion Ecology
  - Approach that bridge and practice to create collaborative management includes practitioners, researchers, and land managers.

- RISCC started in 2016: Largely ran with volunteer interns. Guiding Principles explain how RISCC was founded and what they do. Surveys help to determine where Research is focused.
- Land Managers concerned about climate change are likelier to act with it in mind.
- How RISCC may benefit MISAC
  - Research is synthesized in a more digestible format for practitioners
  - Research around range shifts is ongoing, and projections of invasive species spread are available on Eddmaps
  - RISCC is focused on Invasive Species and Climate Change
  - North Central Climate Adaptation Science Center (CASC) would be closest to Minnesota, and information is still applicable despite there being no midwestern RISCC currently.

## Q&A

Q: What do the meetings look like, and how does it work to have 700 members?

A: We realized insufficient information, so it started with a few of us and snowballed over time. Symposiums help gather input, webinars, coffee talks and regular outreach connect us consistently. Ninety minutes weekly with a core group allows us to get a fair amount of work done. NE RISCC works closely with CISMA's and States. There are different models, and the degrees to which agencies are involved vary based on region.

Q: How does MISAC plug into CASC or Connect

Kristin – Midwest CASC Research Coordinator

A: MWCASC is developing a five-year strategic agenda to identify regional priorities. The Scientific Advisory Council helps direct the PIs to the questions on the concern. Solicitations for projects and opportunities to get involved will go out this year, which will be the primary means of networking. MW CASC is still new and establishing communications

Q: Minnesota was mentioned as being included in the NE CASC. Are there opportunities for us, is it viable, and how regional is the work?

A: We send out materials every other Wednesday and communicate heavily

## Update on State Plan- Chelsey Blanke

The statewide invasive species management plan was submitted to the Federal Aquatic Nuisance Species Task force for review in March. Comments during the partner review have been addressed by the development of supplementary draft documents, including:

Plan Implementation Evaluation Process

Guide for Partner Implementation

Summary of progress towards implementation since the original plan since 2009

## Review & Discussion of Draft Documents and Process

1. Survey invasive species partners statewide. Focus the survey on the plan's "Priorities for Action" and the outcomes, strategies, and actions under each plan Element. (An example draft survey can be viewed [here](#).)

2. Form committees to evaluate the implementation of each plan Element (four committees) and have each committee follow the [Process for Committees Evaluating Implementation of Plan Elements](#).
3. Assign a lead author to characterize progress toward each "Priority for Action" and have them follow the [Process for Assessing Progress toward Addressing Priorities for Action](#).
4. Fill in the [report template](#) and allow time for MISAC to review the report.
5. Address issues and vote to post the report on the MISAC website.
6. Post the report on the MISAC website.

Comments:

- Priorities in the Plan address partners' development of SMART goals and metrics.
- The process will be conducted next year once the new plan is approved.
- Asking for a concise format in the committee reports would improve reception and use of the data
- . Facilitating meetings to help develop consistent metrics would help.
- Promotion of the plan would be more digestible if each meeting, a few components were selected to share with partners. For example, an external email list for nonmembers could be considered vs. our membership list or the creation of a quarterly bulletin.
- Proposal a quarterly meeting workshop agenda item to get a few critical points for distribution.

Follow-up Discussion on Panel from 04/13

Q: Did MISAC ever consider being legislatively mandated

A: It has been discussed every few years or so, but it would require legislators to be interested in doing so, and then typically, members would be appointed, so practitioners like us may not be as involved if that is the case.

MEETING ADJOURNED