






# 2019 Minnesota Aquatic Invasive Species Research and Management Showcase

## Morning breakout sessions

7:45	Check-in opens					
8:30	Opening remarks in room 135 with University of Minnesota Regent Richard Beeson and MAISRC Director Nick Phelps					
Breakout session 1 (choose one):						
9:15 – 10:00	<b>Room 135AC</b>	<b>Room 135BD</b>	<b>Room 155A</b>	<b>Room 155B</b>	<b>Room 156</b>	<b>Lab tours*</b>
	Tools of the trade: Create your own AIS monitoring equipment  <i>Megan Weber, Pat Mulcahy</i>	<i>Phragmites</i> : Effective strategies to reduce the statewide threat  <i>Sue Galatowitsch, Julia Bohnen</i>	The role of baitfish in the spread of AIS: Identifying hazards and quantifying risk  <i>Meg McEachran</i>	On the horizon: New projects launched this summer by MAISRC  <i>Jake Walsh, Mikael Elias, Wes Glisson</i>	Narrowing our focus for biocontrol of common carp: KHV outbreaks in our own backyard  <i>Nick Phelps, Isaiah Tolo</i>	*Note: You must have pre-registered for a lab tour. Your assigned lab tour time is printed on your nametag.
Breakout session 2 (choose one):						
10:15 – 11:00	<b>Room 135AC</b>	<b>Room 135BD</b>	<b>Room 155A</b>	<b>Room 155B</b>	<b>Room 156</b>	<b>Lab tours</b>
	New common carp management techniques  <i>Przemek Bajer</i>	AIS values, perceptions, and willingness to pay: Lessons from summer lake surveys  <i>Amit Pradhananga, Lucy Levers</i>	Direct and indirect effects of zebra mussel and spiny waterflea on walleye  <i>Gretchen Hansen</i>	Starry stonewort invasion in Minnesota lakes: Spread and plant community impacts  <i>Carli Wagner</i>	Engineering barriers to sexual reproduction: Applications for control of invasive carp  <i>Mike Smanski</i>	Lab tour 1: Meet in lobby
Breakout session 3 (choose one):						
11:15 – 12:00	<b>Room 135AC</b>	<b>Room 135BD</b>	<b>Room 155A</b>	<b>Room 155B</b>	<b>Room 156</b>	<b>Lab tours</b>
	Factors influencing spiny waterflea entangling of various fishing gear  <i>Donn Branstrator</i>	Using big data to inform local decisions: Optimizing the location of watercraft inspectors  <i>Bob Haight, Amy Kinsley</i>	Restoring native plants after curlyleaf and milfoil control: What's holding them back?  <i>Mike Verhoeven</i>	Tools of the trade: Create your own AIS monitoring equipment  <i>Megan Weber, Pat Mulcahy</i>	Low-dose copper-based control: Zebra mussel settlement and non-target impacts  <i>Angelique Dahlberg, Matthew Barbour</i>	Lab tour 2: Meet in lobby
12:00 – 1:00	Enjoy lunch with researchers and colleagues					

### Session key:

 Invasive fish	 Aquatic plants	 Invertebrates	 Pathogens and microbes	 Cross-cutting
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## Afternoon breakout sessions

Breakout session 4 (choose one):						
	Room 135AC	Room 135BD	Room 155A	Room 155B	Room 156	Lab tours*
1:15 – 2:00	Direct and indirect effects of zebra mussel and spiny waterflea on walleye	On the horizon: New projects launched this summer by MAISRC	The latest on hybrid watermilfoil in Minnesota	Using multibeam SONAR to detect zebra mussels	The role of baitfish in the spread of AIS: Identifying hazards and quantifying risk	*Note: You must have pre-registered for a lab tour. Your assigned lab tour time is printed on your nametag.
	<i>Gretchen Hansen</i>	<i>Jake Walsh, Wes Glisson</i>	<i>Ray Newman</i>	<i>Jessica Kozarek, Daniel Buscombe</i>	<i>Meg McEachran</i>	
Breakout session 5 (choose one):						
	Room 135AC	Room 135BD	Room 155A	Room 155B	Room 156	Lab tours
2:15 – 3:00	Using big data to inform local decisions: Optimizing the location of watercraft inspectors	Engineering barriers to sexual reproduction: Applications for control of invasive carp	<i>Phragmites</i> : Effective strategies to reduce the statewide threat	AIS values, perceptions, and willingness to pay: Lessons from summer lake surveys	Findings: Cost-effective monitoring of lakes newly infested with zebra mussels	Lab tour 3: Meet in lobby
	<i>Bob Haight, Amy Kinsley</i>	<i>Mike Smanski</i>	<i>Sue Galatowitsch, Julia Bohnen</i>	<i>Amit Pradhananga, Lucy Levers</i>	<i>John Fieberg</i>	
Breakout session 6 (choose one):						
	Room 135AC	Room 135BD	Room 155A	Room 155B	Room 156	Lab tours
3:15 – 4:00	New common carp management techniques	Low-dose copper-based control: Zebra mussel settlement and non-target impacts	Restoring native plants after curlyleaf and milfoil control: What's holding them back?	Factors influencing spiny waterflea entangling of various fishing gear	Enhancing fish surveys: A novel technology for environmental DNA capture	Lab tour 4: Meet in lobby
	<i>Przemek Bajer</i>	<i>Angelique Dahlberg, Matthew Barbour</i>	<i>Mike Verhoeven</i>	<i>Donn Branstrator</i>	<i>Abdennour Abbas</i>	
4:00 – 5:00	<b>Please join researchers for a reception in the lobby featuring posters from MAISRC researchers plus beer, wine, and appetizers</b>					

Research conducted at the Minnesota Aquatic Invasive Species Research Center is possible through the support of the Environment and Natural Resources Trust Fund as recommended by the Legislative-Citizen Commission on Minnesota Resources, the Minnesota Legislature, lakeshore associations, and other private and public sources.