

MN Chapter AFS

Presenter	Title
Jessie Koehle	Neighborhood Fishing Updates from Eagan, Minnesota
Amy Schrank	Friday night fish fries: Can we grow Yellow Perch indoors to increase aquaculture supply chain resilience and local food security?
Kyle Zimmer	Nutrient concentrations in shallow lakes reflect in-lake properties while $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ patterns in food webs are driven by lake morphometry and watershed land use
Brian Herwig	Distribution and comparative influences of minnows, Black Bullhead, and invasive Common Carp on water quality, submerged plants, and invertebrate communities in shallow Minnesota lakes
Neal Mundahl	Recovery of Slimy Sculpin after a Headwater Fish Kill
Peter Sorensen	Movement patterns of carp through Mississippi River locks and dams show how these structures can be used to block invasive carp while allowing for native fish to pass, solving the continuity conundrum
Kristen Patterson	Assessment and Management of Unique Muskellunge Populations in Voyageurs National Park
Shannon Fisher	History of Balancing Native and Introduced Trout in Minnesota Streams
Loren Miller	Genomic insights into likely origins of Brook Trout below barriers in North Shore tributaries and Lake Superior
Sean Gibbs	Influence of terminal tackle and environmental conditions on survival of caught and released salmon and steelhead
Donald Schreiner	A Golden Opportunity: Strategies to Accelerate Growth of Golden Shiner <i>Notemigonus crysoleucas</i> in Minnesota and other Northern Climates
Nichole Angell	Effectiveness and costs of aquatic invasive species spread prevention in Minnesota
Tyler Robinson	Vertical Habitat Occupancy and Diel Migration Patterns of Burbot

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Tyler Robinson	Seasonal Variations in Home-Range Size Concerning the Spawning Vulnerability of Burbot
Edward Carlson	Environmental influences on the growth of inland cisco populations in three Sentinel Lakes
Kamden Glade	Feeding Patterns and Diet Overlap of Muskellunge and Co-Occurring Piscivores in Minnesota Lakes
Tyler Orgon	Spatial and Temporal Variability of Mercury in Upper and Lower Red Lake
Meg McEachran	Examining motivations for illegal baitfish release among Minnesota anglers
Claire Rude	Spawning-Related Habitat Use of Walleye in the Big Sandy Lake, MN Watershed
Brendan Nee	Can Small-Scale Invasive Cattail Removal Positively Impact Fish Communities Across Minnesota?
David Gallagher	Identifying drivers of isotopic niche overlap and trophic redundancy in fish communities across Minnesota lakes.
Payton Johnson	Impacts of Cisco (<i>Coregonus artedii</i>) on food web architecture of Minnesota lakes
Mary Thelen	Life at the top of the food chain: trophic ecology of Walleye and Northern Pike in lakes with and without zebra mussels

Author(s)	Poster Title
Sara Kangas	Patterns of trophic position, littoral carbon use, and habitat coupling in fish among Minnesota lakes
Cassandra Kramer	Response of Invasive Bigheaded Carp to an Acoustic and CO2 Deterrent
Christopher Rounds	Optimizing eDNA for multiple AIS
Paul Radomski	A Century of Change in Minnesota's Lake Plant Communities