Position: Post-Doctoral Researcher

Project Title: Supply-and-Demand Dynamics Associated with Using Stocking to Maintain Walleye Fisheries in the Face of Climate Change

Location: Wisconsin Cooperative Fishery Research Unit, University of Wisconsin-Stevens Point

Salary: $50,000 per year.

Start Date: March 1, 2021 (possibly sooner)

Project Duration: 2 years fully funded, opportunities for additional funding.

Project Description: Climate change will likely affect supply-and-demand dynamics of stocking fish in the future and we will use walleye to examine these dynamics for hundreds of fisheries in the Midwestern USA. Walleye are an ideal model species for this assessment because they support important fisheries across North America, walleye management is a primary concern for resource agencies, stocking is already used to support or maintain many fisheries, and walleye populations have already declined due to climate change. We will use existing information from walleye stocking evaluations to identify factors regulating stocking success and to develop a modeling framework that will allow us to project stocking success under different climate change scenarios. This modeling framework will allow fishery managers to examine supply-demand tradeoffs associated with landscape-level walleye stocking strategies that might be implemented to mitigate the effects of climate change. This modeling framework represents an important tool for fishery managers who represent a large segment of our research team and their participation will ensure that our research is relevant to fisheries management across the region and beyond. Researcher will work closely with fishery managers from across the Midwest in addressing this question. Post-doc will also contribute to many other research endeavors related to climate change and walleye.

Qualifications: PhD in Fisheries, Biology, Ecology, or related field completed by start date.

To apply: Please email cover letter, CV, and contact information for three references to Daniel Isermann (dan.isermann@uwsp.edu). Materials must be received by November 1st for consideration. Additional questions regarding the project should be sent via email (dan.isermann@uwsp.edu).