**Project Manager Qualifications and Organization Description**

**Shahram Missaghi,** Extension Professor. Minnesota Extension, University of Minnesota

**Education**: B.S. (1986), and M.Sc. (1988), Biology, Bemidji State University, Bemidji, MN.

Post B.S. Certificate, Stream Restoration, 2009, University of Minnesota, Twin Cities, MN.

Ph.D., Limnology, 2014, University of Minnesota, Twin Cities, MN, United States.

Dr. Missaghi will be the project manager and responsible for project administration, management, budgeting, procuring new equipment, and outreach. He develops research supported water resources education and training for the current and the next generation water resources professionals and communities. He will also be responsible for the 3D computer modeling to produce the harmful algal blooms (HABs) exposure maps. Dr. Missaghi is published and has over 20 years of experience in lake management and outreach education, with the past 10 years focused on HABs research.

He currently leads the MN Harmful Algal Bloom Group and the 2019 Minnesota Water Conference – Special HAB Session. He is also a member of the 12 central states’ North Central Region Water Network HABs Project Team and the 2020 North American Lake Management Society Conference – HAB Track. Dr. Missaghi has also developed the MN HAB webpage (<http://HAB.umn.edu>) and the HAB Mobil Educational Trailer which both of these educational tools will be used in the extension of this project.

**Organization Description**

The University of Minnesota Extension Water Resource team connects community needs and University resources to address Minnesota's critical water resource issues. We model effective education to ensure safe and sustainable water resources. And we provide expertise and collaborative support for watershed and water basin resources, stormwater education, shoreland education, and sewage treatment education for homeowners, communities, and professionals. University of Minnesota Extension takes into account diverse views and multiple land uses by drawing on our expertise in agriculture, natural resources, and citizen leadership.

Working with local communities, Extension employs a balanced, research-based, solution-focused approach, providing a trusted source of accurate information and to provide evaluation and technical expertise in areas of safe drinking water, aquatic invasive species, drainage, water valuation, nutrient management, and program evaluation. Much of the proposed field and laboratory research will be also conducted in collaboration by the St. Anthony Falls Laboratory (SAFL), University of Minnesota – a well-known facility that is equipped with chemistry and biological laboratory, drones, buoy, incubators, and the necessary materials and supporting equipment and staff needed to carry out the proposed research.