Conduct Lake Superior focused research and analysis with UW-Madison
Data Scientist/PostDoctoral Associate position

UW-Madison Center for Limnology and the Lake Superior National Estuarine Research Reserve are seeking a Data Scientist for a research project focused on spatio-temporal dynamics of nutrients and water quality in the western arm of the Lake Superior Basin to understand emerging harmful algal blooms. This position will synthesize monitoring data collected from several agencies and institutions to develop an optimized monitoring strategy to capture water quality and nutrient dynamics to be implemented by agency partners. They will develop nutrient load models from the synthesized datasets to understand nutrient impacts on blooms in Lake Superior. This project provides a unique opportunity to do user-driven research to serve community specific needs and build a professional network of managers and local decision makers. The person in this position will develop skills in data synthesis, modeling, facilitation, educational curriculum development, and communicating with a wide range of audiences, which will assist them in pursuing a career track focused on applied science while maintaining and growing academic networks. This position provides numerous avenues of professional development that span academy to agency science. The Data Scientist will also engage in professional development activities (e.g., Global Lake Ecological Observatory (GLEON), relevant conferences, student mentoring, educational programs).

Duration: Two years with the preferred start date between May and July 2024.
Location: This position will be based at the Lake Superior National Estuarine Research Reserve (NERR) in Superior, WI or Center for Limnology in Madison, WI, and be co-mentored by Kait Reinl (Lake Superior NERR, UW-Madson) and Hilary Dugan (Center for Limnology, UW-Madison).
Qualifications: Skills in data science and expertise in aquatic ecosystems, algal biology, cyanobacterial blooms, and oligotrophic systems are highly desirable. **Ph.D. in relevant field, or Master's with significant experience in the desired fields required.** Written and oral communication skills will be essential.

Apply: To apply, send a cover letter, curriculum vitae, and the names of three references by e-mail to **kreinl@wisc.edu**. Review of applications will begin right away and will continue until position is filled. UW-Madison is committed to providing opportunities to people from all backgrounds to help create a welcoming, empowered, and inclusive community. UW-Madison encourages women, minorities, veterans, and people with disabilities to apply. UW-Madison is an affirmative action/equal employment employer and we encourage women, minorities, veterans, and people with disabilities to apply.