

Watershed Scientist/Engineer (January 19, 2023)

Type of Position: Full-time Salaried with Benefits

Kieser & Associates, LLC
536 E. Michigan Ave., Suite 300
Kalamazoo, Michigan 49007

Kieser & Associates, LLC (K&A) is a Michigan-based environmental science and engineering firm established in 1992. We specialize in water resources management through applied research, technology innovation, environmental modeling, policy development, and adaptive monitoring to solve vexing ecological and water quality disruptions in the Great Lakes region and across the globe.

K&A is in search of a Watershed Scientist/Engineer to support and eventually lead our Lakes-Wetlands-Watershed team that addresses these challenges. The Watershed Scientist/Engineer will utilize their technical expertise to efficiently plan and conduct watershed, water quality and policy assessments which involve quantitative analyses and the preparation of reports. Projects focus on hydrological, watershed, water quality, and other natural resource management applications. Responsibilities will include, but not be limited to:

- Ecological assessment of lakes and rivers
- Stormwater impact assessment and treatment technology development
- Agricultural water quality impact analysis and technology applications
- Adaptive monitoring plan development and implementation
- Project management

Primary Duties:

Duties will include: data collection; statistical and other data analyses; integration of relevant information from various sources including primary literature; policy review and development; preparation of programmatic and tabular data summaries for inclusion in reports and presentations; preparation and writing of technical reports and grant proposals, and; project presentations to professional and lay audiences. The position will require travel within the Great Lakes region.

Qualifications:

The preferred candidate will have a professional demeanor, be highly motivated, be principled in science and/or environmental engineering, and possess excellent quantitative, problem-solving, written and oral communication skills. Excellent organizational skills are essential, and the preferred candidate must be able to work on multiple projects concurrently, meet tight deadlines and work well with others as a member of the team.

The candidate must have demonstrated experience and knowledge of the theories, principles, practices, and techniques of limnology, water chemistry, water resources engineering, soil science and/or hydrology. A Bachelor's Degree in the biology, chemistry, environmental engineering, natural sciences or similar with five years of related work experience is required. A Master's Degree in similar fields with work experience is preferred.

Ideal Candidates:

The individual will have an understanding of: 1) watershed and water quality management; 2) water quality models, their limitations and their applicability; 3) experience with a range of field monitoring techniques, and; 4) demonstrated knowledge of the Clean Water Act. Experience with GIS software and/or CAD systems is preferred. Professional growth and advancement should be a desire for the ideal

candidate. The ability to generate new work, a P.E. license (or ability to obtain) are plusses for applicant consideration.

Submission of Resume and Signed Cover Letter:

Interested applicants should submit information electronically to:

Mark S. Kieser
Senior Scientist/Principal
mkieser@kieser-associates.com

Kieser & Associates, LLC is an equal opportunity employer. This full-time, salaried position requires relocation to Southwest Michigan as work will be performed working collaboratively with staff in the Kalamazoo office. Annual salary will be commensurate with experience ranging from \$63,000-73,000 with standard benefits including vacation, holiday and paid sick time, health insurance, and compensation for hours beyond 40/week for field work. Simple IRA participation and long-term disability insurance become available at the one-year employment milestone. Applicants should expect to start immediately, but not later than mid-April, 2023. Flexibility for some remote work may be considered.