Wetland Restoration Research Technician

The Department of Biological Sciences at Kent State University seeks a full time Research Technician to coordinate wetland restoration monitoring as part of the H2Ohio Wetland Monitoring Program. The technician will contribute to science-based decision making to improve environmental quality by working with a team of academic researchers from the Lake Erie and Aquatic Research Network (LEARN) in partnership with the Ohio Department of Natural Resources (ODNR) and other wetland design and management partners throughout the state of Ohio. The successful candidate will coordinate and implement monitoring activities in H2Ohio wetland restoration projects in Northeast Ohio and contribute to program-wide data management tasks. The candidate will join a dynamic, supportive research group with opportunities for collaboration across disciplines and engagement with state policy makers, stakeholders, and public audiences. This position is supervised by Lauren Kinsman-Costello (lkinsman@kent.edu, https://laurenkinsmancostello.weebly.com/).

Examples of duties include:

- Implement monitoring tasks in Northeast Ohio restored wetlands, including collecting soil and water samples in the field.
- Communicate with ecosystem managers from the Ohio Department of Natural Resources and other partners regarding sampling logistics and plans
- Coordinate and supervise laboratory analysis of water and soil samples.
- Contribute to writing reports, protocols, and other Monitoring Program related documents.
- Assist the H2Ohio Wetland Monitoring Program Chief Data Manager in 1) managing H2Ohio WMP data using existing workflows, 2) contributing to data management and processing standard operating procedure documentation, 3) developing and implementing training materials for data management tools and workflows.
- Mentor and supervise undergraduate student researchers and workers.

Qualifications:

Required: Bachelors in ecology, environmental science, geology, earth science, chemistry, data science, statistics or related field; Strong interpersonal and written communication skills; Ability and motivation to cultivate a supportive and safe work environment; Effective at working both independently and as a member of a team; Excellent organization skills; Valid U.S. driver's license

Desired Masters or Ph.D. in ecology, environmental science, geology, earth science, chemistry, Data Science, Statistics or related field; Experience with one or more common ecosystem ecology tools, including analytical soil, sediment, or water analyses, field sampling and experimentation, and sensor system deployment and maintenance.; Competency in data management, synthesis, and analysis, using Microsoft Excel, R, GitHub, and other computational tools; Familiarity with Esri products (e.g., ArcGIS Survey123 and ArcGIS Online); Physical ability for strenuous field work; Ability to travel for field work and project meetings.

For more information and how to apply, please SCAN THIS QR CODE to visit:
https://laurenkinsmancostello.weebly.com/opportunities.html