

Job Posting

Job Title Nutrient BMP/TMDL Technical Coordinator

Job ID 29957

Location St. Paul;Detroit Lakes

Full/Part Time Full-Time

Regular/Temporary Unlimited

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Logo



Job Details

Job Class: Research Scientist 2

Working Title: Nutrient BMP/TMDL Technical Coordinator

Who May Apply: Open to all qualified job seekers.

Date Posted: 01/30/2019

Closing Date: 02/28/2019

Hiring Agency/Seniority Unit: Minnesota Department of Agriculture

Division/Unit: Pesticide and Fertilizer Management Division/Clean Water Technical Unit

Work Shift/Work Hours: Day Shift

Days of Work: Monday - Friday

Travel Required: Yes

Salary Range: \$26.30 - \$38.75/hourly; \$54,914 - \$80,910/annually

Classified Status: Classified

Connect 700 Program Eligible: Yes

Job Summary

Job Summary

This announcement is being used to fill two (2) vacancies. One in St. Paul and one in the Detroit Lakes.

This research scientist position will work on technical agricultural issues associated with Nitrogen Fertilizer Best Management Practices (BMPs) and subsequent impacts on groundwater quality as well as issues related to surface water impairments from agricultural sources. Activities will include coordination with researchers, stakeholders and project partners; field research and simulation modeling efforts.

This position will be responsible for the management of scientific outcomes from complex research projects. Responsibilities include Request for Proposals (RFP) development, managing grants and contracts with various research entities, scientific review on external projects, coauthoring scientific reports and manuscripts, and disseminating research outcomes to stakeholders. This position will have significant interaction with personnel from a number of local and state agencies involved in surface and groundwater protection including MPCA, MDH, BWSR, DNR, local water planners and the MDA. Position requires a strong relationship with researchers from various entities, growers, crop retailers, consultants and farm organizations.

Qualifications

Minimum Qualifications

A Master's degree in soil science, agronomy, water resources science, hydrology, agricultural engineering or related field.

AND

Two (2) or more years of practical experience either 1) working on soil fertility issues or agricultural conservation practices with producers and the agricultural industry, or 2) evaluating and interpreting research data regarding crop nutrient or agricultural water management.

Demonstrated advanced understanding of cropping systems common to Minnesota.

Demonstrated understanding of nutrient Best Management Practices for cropping systems common to Minnesota.

Demonstrated understanding of the linkage between nitrogen fertilizer inputs, crop response and environmental fate and transport to surface water and groundwater.

Knowledge of the Total Maximum Daily Load process.

Excellent writing skills

Ability to produce written materials appropriate for different audiences.

Ability to communicate technical scientific concepts and research findings to different audiences such as producers, agency personnel and the general public.

Must possess or have the ability to obtain a valid driver's license and an acceptable motor vehicle record subject to review.

The ability to celebrate diversity and a strong commitment to a respectful and inclusive work environment.

Preferred Qualifications

Advanced degree in water resources science, hydrology, soil science, agronomy, agricultural engineering or related field.

Three (3) or more years of practical experience either 1) working on soil fertility issues or agricultural conservation practices with producers and the agricultural industry, or 2) evaluating and interpreting research data regarding crop nutrient or agricultural water management.

Exceptional knowledge of the linkage between agricultural nutrient practices, crop response and environmental fate and transport to surface water and groundwater.

Advanced professional experience with evaluating water quality monitoring data, environmental monitoring instrumentation and geospatial data management, analysis and interpretation.

Knowledge of the One Watershed One Plan processes including methods and protocols used in the impaired waters process and knowledge of sediment, nutrient, pesticide and bacteria fate and transport mechanisms at multiple scales.

Demonstrated outstanding communication skills and ability to interact with researchers, extension staff and media partners.

Experience or potential to author and publish scientific reports and journal articles.

Experience or potential to manage complex research projects including work plans, budgets and contracts.

Knowledge of Minnesota statutes and federal laws pertaining to programs and services under MDA jurisdiction related to water and nutrient management.

Application Details

Why Work For Us

This position is located within Clean Water Technical Unit of the Pesticide and Fertilizer Management Division (PFMD) of the MDA. The Clean Water Technical Unit offers a dynamic and engaging work environment staffed by two PhD level research scientists and five MS level professionals. We work on a variety of exciting topics related to nutrient management in agricultural crop production systems and water quality. Examples include on-farm demonstration projects for nutrient and water conservation, impaired waters planning and research, and other pertinent issues which impact Minnesota agriculture and the environment. The position provides excellent opportunities for collaboration with different stakeholders including producers, agricultural groups, interest organizations, researchers, other sections within the MDA, state agencies, the US Department of Agriculture and many more.

GREAT BENEFITS PACKAGE! The State of Minnesota offers a comprehensive benefits package including low cost medical and dental insurance, employer paid life insurance, short and long term disability, pre-tax flexible spending accounts, retirement plan, tax-deferred compensation, generous vacation and sick leave, and 11 paid holidays each year.

How to Apply

Click "Apply" at the bottom of the page. If you have questions about applying for jobs, contact the job information line at 651-259-3637.

For additional information about the application process, go to <http://www.mn.gov/careers>.

Contact

If you have questions about the position, contact Jeppe Kjaersgaard at jeppe.kjaersgaard@state.mn.us or 651.201.6149.

Connect 700 applicants contact Tracy Ohmann at tracy.ohmann@state.mn.us or 651.201.6187.

AN EQUAL OPPORTUNITY EMPLOYER

The State of Minnesota is an equal opportunity, affirmative action, and veteran-friendly employer. We are committed to providing culturally responsive services to all Minnesotans. The State of Minnesota recognizes that a diverse workforce is essential and strongly encourages qualified women, minorities, individuals with disabilities, and veterans to apply.

We will make reasonable accommodations to all qualified applicants with disabilities. If you are an individual with a disability who needs assistance or cannot access the online job application system, please contact the job information line at 651-259-3637 or email careers@state.mn.us. Please indicate what assistance you need.

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