



New Jersey Department of Environmental Protection

Notice of Vacancy - Hourly

Title: Geographic Information Systems Specialist

Posting Number: WRM-2024-3H

Open to: General Public

Work Week: 35 - 40 hours per week

Hourly Rate: \$20.00 – \$25.00 per hour (Commensurate with experience and qualifications)

Opening Date: 10/30/2024

Closing Date: 11/20/2024

Existing Vacancies: One (1)

Program/Location

Department of Environmental Protection
Water Resource Management
Water Monitoring, Standards & Pesticide Control
Bureau of Environmental Analysis, Restoration & Standards
401 East State Street
Trenton, NJ 08625

Scope of Eligibility: Open to applicants who meet the requirements below.

Description: Under supervision of a higher level Geographic Information System (GIS) Specialist or other supervisory official, performs professional GIS work relating to the geographic analysis of environmental parameters and or/other factors, image processing, interpretation, and application of remote sensing data; performs geographic data digitizing; operates all computer hardware and software associated with the Geographic Information System; does related duties.

Specific to the Position: Job duties include ArcGIS mapping and layer-revision projects, research on a variety of water quality topics in support of New Jersey's Water Quality Assessment, Surface Water Quality Standards (SWQS), Total Maximum Daily Load (TMDL), community water monitoring, and AmeriCorps Watershed Ambassador (WA) programs. Responsibilities may also include general program support such as water monitoring data organization, and water monitoring site selection.

Preferred Skill Set: Experience with ArcGIS projects to assess monitoring data and data organization skills. Ability to assist in the update of the Integrated Report (IR) StoryMap, SWQS StoryMap, and Watershed Ambassadors data visualization, GIS mapping of NJ data, design of various StoryMap additions and improvements. Ability to work as a team to update components for IR, SWQS, and Watershed Ambassador publications (e.g. graphs, charts, and text of web-based reports). Proficient in R or Python.

Requirements

Possession of a specific Bachelor's degree in Geography, Environmental Science or related field with twelve (12) semester hours in computer mapping/GIS which shall include spatial programming and digital image processing.

NOTE: All U.S. degrees and transcripts must be from an accredited college or university. All foreign degrees and transcripts must be evaluated for accreditation by a recognized evaluation service by the closing date of this posting. Failure to provide documentation may result in ineligibility.

License: Appointees will be required to possess a driver's license valid in New Jersey only if the operation of a vehicle, rather than employee mobility, is necessary to perform the essential duties of the position.

Residency: All persons newly hired on or after September 1, 2011 have one year from the date of employment to establish, and then maintain principal residence in the State of New Jersey subject to the provisions of N.J.S.A. 52:14-7 (L.2011, Chapter 70), also known as the "New Jersey First Act".

Authorization to Work: Selected candidates must be authorized to work in the United States per the Department of Homeland Security, United States Citizenship and Immigration Services regulations. **Note:** The State of New Jersey does not provide sponsorship for citizenship to the United States.

Veteran's Preference: To qualify for New Jersey Veteran's Preference/status, you must establish Veteran's Preference through the Department of Military and Veterans' Affairs. Please submit proof of your Veteran's Preference along with your resume as indicated below. For more information, please visit <https://www.nj.gov/military/veterans/services/civil-service-preference/>

Submit Letter of Interest, Resume, Unofficial Transcripts (if college degree is required), and the [Personal Relationship Disclosure Statement](#) by 4:00 p.m. on the closing date to:

Talent Acquisition Team

Division of Human Resources

E-mail Address: DEP-HR-WRM.Resumes@dep.nj.gov

Please include the title and posting # of this Notice of Vacancy in the subject line of your e-mail.

SAME applicants: If you are applying under the NJ SAME program, your supporting documents (Schedule A or B letter) must be submitted along with your resume by the closing date indicated above. For more information on the SAME program, please visit <https://nj.gov/csc/same/overview/index.shtml>, email SAME@csc.nj.gov, or call CSC at (609) 292-4144 and select Option #3.

Posting Authorized By:

Phiroza Stoneback, Manager

Division of Human Resources

The New Jersey Department of Environmental Protection is an Equal Opportunity Employer and is committed to inclusive hiring and a diverse workforce. We strongly encourage people from all backgrounds to apply. Accommodations under ADA will be provided upon request.