Title: Geographic Information Systems Specialist 3

Posting Number: WRM-2022-41

Open to: General Public

Workweek: NL (35-hour) Workweek

Salary: (P21) $56,893.23 — $80,546.58

Opening Date: 05/27/2022

Closing Date: 06/14/2022

Existing Vacancies: One (1)

Program/Location: Department of Environmental Protection
Water Resource Management
Water Supply & Geoscience
Assistant Director’s Office, Water Systems and Operations
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: Assists in the acquisition and reformatting of data utilizing GIS or other image processing software. Assists with managing water system infrastructure data (including maps of water mains, tanks, wells, etc.) and sampling locations to develop comprehensive maps for use by program staff. Develops an understanding of how water systems are interconnected through the use of GIS to create data layers for Element staff. Assists with training and coordination to ensure staff are utilizing the data available according to standard SOPs. Works on mapping efforts for critical infrastructure pieces to assess resiliency for water systems. Mapping of infrastructure is valuable for emergency planning purposes and to ensure water systems are resilient against climate change.

Requirements

Education: Graduation from an accredited college with a Bachelor's degree.
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.
Experience: Two (2) years of experience with geographic information systems including computer graphics and computer hardware digitizing procedures.

NOTE: A Master’s degree in Geography, or Environmental Science including or supplemented by the additional credits indicated below may be substituted for one (1) year of the indicated experience.
NOTE: Applicants who do not possess the required education may substitute experience as indicated above on a year-for-year basis.
NOTE: A specific Bachelor’s degree in Geography, Environmental Science or related field with twelve (12) semester hours in computer mapping/GIS which shall have included spatial programming and digital image processing may be substituted for one (1) year of the above experience.

License: Appointee 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 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.

Note: Interviews will be granted based on the cover letter, resume and credentials submitted in response to this notice. Applicants may be required to provide a copy of their transcripts at time of interview.

Per Executive Order 253, all State employees are required to be fully vaccinated against COVID-19 or undergo weekly testing. Please do not submit proof of vaccination at this time; instructions will be provided if an offer of employment results from this NOV.

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://nj.gov/military/veterans/services/civil-service/preference/

Submit Letter of Interest, Resume and e-mail address by 4:00 PM on the Closing Date to:
  Catherine Bogart
  Water Resource Management
  E-mail Address: WRM.Resumes@dep.nj.gov
  Please include the title and posting # of this Notice of Vacancy in the subject line of your e-mail.

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.