New Jersey Department of Environmental Protection
Notice of Vacancy - Hourly

Title: Geographic Information Systems Specialist 3

Posting Number: WLM-2023-6H

Open to: General Public

Workweek: Varied schedule (up to 900 hours per fiscal year)

Salary: $30.00 per hour

Opening Date: 8/16/2023

Closing Date: 8/30/2023

Existing Vacancies: One (1)

Program/Location: Department of Environmental Protection
Watershed & Land Management
Assistant Commissioner's Office
Bureau of Program Development
501 East State Street, 3rd Floor
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: Extensive knowledge of ESRI ArcGIS software for both desktop-based systems and web-based applications is required. Duties will include creation and maintenance of GIS Data Layers that can be viewed by the public as well as internal staff. The information for these layers will be from both spatial and non-spatial digital data, hard-copy historic maps, and aerial photography in support of the Bureau of Tidelands' mission to manage lands currently or formally flowed by water owned by the State. This work can include geo-referencing scanned maps and aerial photography; feature identification, classification, and enhancement; area calculations and spatial analysis on both raster and vector data. Appointee will use GIS research to assist in establishing Tidelands policies and prepare reports outlining recommendations to the Tidelands Resource Council for deliberations concerning the disposition of State-owned lands, and to process Tidelands Grants and Licenses.

Preferred Skill Set: Experience in relational database management systems (RDBMS) such as Oracle and/or PostgreSQL, and knowledge of Python programming language and webpage management.

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: 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-WLM.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 (833) 691-0404.

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.