



New Jersey Department of Environmental Protection
NOTICE OF VACANCY
(Filling of this position is contingent upon further approval process)
Posting Number: COS21-013

DIVISION/PROGRAM DEPARTMENT NJ STATE EMPLOYEES GENERAL PUBLIC

TITLE: Geographic Information Systems Specialist 3

SALARY: (P21) \$54,684.00-\$77,418.81

OPENING DATE: February 19, 2021

CLOSING DATE: March 5, 2021

EXISTING VACANCIES: One (1)

WORKWEEK: NL (35-Hour) Workweek

PROGRAM/LOCATION: DEPARTMENT OF ENVIRONMENTAL PROTECTION
Division of Information Technology
Bureau of Geographic Information Systems
401 East State Street
Trenton, NJ 08625

SCOPE OF ELIGIBILITY: Open to candidates 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: Responsibilities may include, but not be limited to: performing QA/QC on remotely sensed data, deriving spatial data from remotely sensed data, image processing, raster data analysis, LiDAR data analysis, project management, training, and user support.

PREFERRED SKILL SET: Experience in environmental science and remote sensing, as well as proficiency in ArcMap and/or ArcGIS Pro is highly preferred. Special consideration will be given to candidates with experience working with digital imagery including multispectral or hyperspectral imagery, and with LiDAR derived elevation data collection, processing, and modeling. Experience with scanning and georeferencing imagery, creating digital elevation models, using ArcGIS Model Builder and Spatial Analyst, eCognition, Quick Terrain Modeler, ERDAS Imagine and Python. Candidate must be detail oriented.

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.

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. Please include the posting number in the subject of the e-mail when submitting your credentials.

If you have established Veteran's Preference with the Department of Military and Veterans Affairs, please submit proof of this along with your resume.

SUBMIT LETTER OF INTEREST, RESUME AND E-MAIL ADDRESS BY 4:00 PM ON THE CLOSING DATE TO:

Denise Mudie
Division of Human Resources
Bureau of Human Resource Operations
PO Box 420; Mail Code 436-01
Trenton, NJ 08625-0420
E-mail Address: Denise.Mudie@dep.nj.gov

POSTING AUTHORIZED BY: Phiroza Stoneback, Manager
Division of Human Resources