



New Jersey Department of Environmental Protection
NOTICE OF VACANCY
Posting Number: NHRDFW-2019-05

DIVISION/PROGRAM

DEPARTMENT

STATEWIDE

TITLE: Geographic Information Systems Specialist 3

SALARY: (P21) \$53,611.76 - \$75,900.80

OPENING DATE: January 11, 2019

CLOSING DATE: January 26, 2019

EXISTING VACANCIES: One (1)

WORKWEEK: NL (35-Hour) Workweek

PROGRAM/LOCATION: DEPARTMENT OF ENVIRONMENTAL PROTECTION
Division of Fish and Wildlife
Bureau of Marine Fisheries
Nacote Creek Research Station
360 North New York Road
Port Republic, NJ 08241

DESCRIPTION: Under supervision of a higher-level Geographic Information Systems (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: The candidate selected will work under a Supervising Biologist in Marine Fisheries Administration, which is charged with sustainable management of the State's valuable marine and estuarine resources. This position will work with MFA staff to assist with analysis, image processing, interpretation of data relating to New Jersey's marine fish and shellfish resources, stock assessments, habitats, fisheries, and shellfish aquaculture operations, and be able to plot data. Candidate must be familiar with common database formats and related software, with the ability to manipulate datasets and develop clear, concise visual summaries. May be required to instruct and oversee MFA staff on the use of GIS and its software, including updates. Must have good written and oral communication skills and become familiar with MFA programs and priorities, including resource surveys, commercial and recreational fisheries, habitat restoration and enhancement, and shellfish aquaculture. May be required to work varying schedules and must be amenable to working flexible hours. Position may require occasional field work.

PREFERRED SKILL SET: Preference will be given to candidates with a bachelor's degree in biological or environmental science with experience or training in GIS application. Excellent interpersonal skills and ability to work well with outside organizations and constituents. Ability to work independently as well as in a group/team atmosphere.

REQUIREMENTS:

EDUCATION: Graduation from an accredited college or university with a bachelor's degree. **NOTE:** All college degrees (both U.S. and non-U.S.) and/or transcripts from a college or university must already be evaluated for accreditation by the closing date of the posting. Failure to comply with this requirement 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. Applicants who do not possess the required education may substitute experience as indicated above on a year-for-year basis. 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 solely 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.

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

SCOPE OF ELIGIBILITY: Open to candidates who meet the above requirements.

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

Nancy Fury
Natural and Historic Resources
501 East State Street, 3rd Floor
PO Box 420; Mail Code 501-03
Trenton, NJ 08625-0420
Email Address: NHRDFW.Resumes@dep.nj.gov
Fax Number: (609) 984-1414

POSTING AUTHORIZED BY:

Phiroza Stoneback, Manager
Division of Human Resources

**Accommodations will be made for qualified applicants or employees with disabilities
New Jersey Department of Environmental Protection is an Equal Opportunity Employer**