Job posting: Ecologist

City of New York Department of Parks & Recreation Full-Time Permanent Staff Vacancy Notice

Office Title: Ecologist
Civil Service Title: City Research Scientist
Level: II
Salary: $70,286 - $80,000
Work Location: Arsenal North, Manhattan

The mission of NYC Parks' Forestry, Horticulture, and Natural Resources Division is to protect, restore, expand and manage New York City's natural spaces and green infrastructure to maximize their benefits and promote their value within and outside of the urban ecosystem. This position, under direction of the Chief of Natural Resources, with latitude for the exercise of independent judgment and initiative, will conduct monitoring, assessment and analysis to support ecological conservation, protection, management and restoration design across the city and will help develop and implement an adaptive management program collaborating with senior staff to integrate research, monitoring, and evaluation with practice.

MAJOR RESPONSIBILITIES

- Under direction, with wide latitude for the exercise of independent judgment and initiative, help develop and implement monitoring, evaluation and research projects aimed at improving effective protection, management, and restoration of NYC Parks natural areas.
- Provide guidance on and review of proposals from other agencies that have an impact on the restoration, protection and management of the City's forests, wetlands, and grasslands.
- Develop and implement field monitoring and assessment projects to support protection, conservation, restoration designs, and adaptive management across multiple ecosystems.
- Compile and collect baseline data, conduct pre- and post-project monitoring, and analyze and present data.
- Supervise interns and field staff.
- Provide expertise in development of ecological restoration designs based on site history and condition, existing species composition, appropriate plant material, soil and hydrologic properties, and restoration goals.
- Provide scientific expertise to FHNRR staff and collaborators, and develop partnerships with potential project stakeholders, including community groups and external researchers as appropriate.
- Provide technical guidance for preparing permits.
- Prepare presentations and reports for funders, collaborators and the public.

QUALIFICATION REQUIREMENTS

1. A doctorate degree from an accredited college or university with specialization in an appropriate field of physical, biological, environmental or social science and one year of full-time experience in a responsible supervisory, administrative or research capacity in the appropriate field of specialization; or
2. A master's degree from an accredited college or university with specialization in an appropriate field of physical, biological, environmental or social science and three years of responsible full-time experience in the appropriate field of specialization, including one year of full-time experience in a responsible supervisory, administrative or research capacity in the appropriate field of specialization; or
3. Education and/or experience which is equivalent to "1" or "2" above. However, all candidates must have a master's degree in an appropriate field of specialization and one year of full-time experience in a responsible supervisory, administrative, or research capacity as described in "2" above.

Residency in New York City, Nassau, Orange, Rockland, Suffolk, Putnam or Westchester counties required for employees with over two years of city service. New York City residency required for all other candidates.

PREFERRED SKILLS/QUALIFICATIONS

1. A master's degree in science and/or with a specialization in physical, biological or environmental science.
2. 5 years of experience in a supervisory, administrative or research capacity in ecology or a related field.
4. Demonstrated accomplishments in independent research in ecology, restoration, conservation biology, forestry or environmental science as evidenced by publications, thesis work and/or presentations at research conferences and workshops.
5. Knowledge and experience in design and execution of data collection and field research in a wide range of habitat and ecosystem types. Familiarity with a broad range of field methodologies, analytical approaches and techniques and statistical analysis.
6. High level of competence with GIS and spatial analysis tools.
7. Knowledge of Parks agency structure and divisions and/or government operations.
8. Excellent management, organizational and communication skills.

If you have any questions regarding this vacancy or require a reasonable accommodation during the application process, please call the Personnel division at 212-830-7851.

To apply:
1) Go to www.nyc.gov/careers/search
2) Search for Job ID# 266435

Applications are due by May 26, 2017.

THE CITY OF NEW YORK AND THE CITY OF NEW YORK / PARKS & RECREATION ARE EQUAL OPPORTUNITY EMPLOYERS M/F/D/V Telecommunications Device for the Deaf: (212) 504-4115 www.nyc.gov/parks