



NYC Parks

CITY OF NEW YORK PARKS & RECREATION
SEASONAL JOB VACANCY NOTICE

Office Title: Water Resources Specialist
Civil Service Title: City Research Scientist I
Work Location: TBD

Duration: October 2025 to June 30, 2026
Salary: \$40.80/per hour. 35 hours per week
Positions: 1

NYC Parks is the steward of over 30,000 acres of land — 14 percent of New York City — including more than 5,000 individual properties ranging from Coney Island Beach and Central Park to community gardens and Greenstreets. We look after 600,000 street trees, and two million more in parks.

Environment and Planning division aims to protect, restore, and expand New York City Parks including green spaces and natural areas to maximize their benefits for environmental and community health and resilience. The Natural Resources Group's mission is to protect, restore, expand, and manage New York City's over 12,000 acres of natural spaces and green infrastructure across the five boroughs, including forests, grasslands, and wetlands.

Employees who work for 6 months or longer are eligible for healthcare benefits. All seasonal employees earn sick and annual leave. All employees receive free membership to our recreation centers.

MAJOR RESPONSIBILITIES

- Under general supervision, with latitude for independent initiative and judgment, provide technical and field assistance in the restoration, protection, and management of natural areas parkland across New York City.
- Assist in design of open channels as part of wetland and stream restoration projects and gully rehabilitation projects.
- Assist in design of stormwater management practices.
- Serve as project manager for ecological restoration design projects with tasks including but not limited to: ensuring project schedules are met, documenting meetings and site visits, and developing permit applications.
- Collect and analyze hydrologic data and other site assessment data to support restoration designs.
- Provide technical design review and support construction oversight for Capital and interagency projects.
- Assist with construction oversight for in-house design projects.
- Use software, such as HEC-RAS and HydroCAD to conduct hydrologic and hydraulic modelling to assist with designs, and ArcGIS, ArcHydro, Microsoft Excel, and R, to map, visualize, and analyze data
- Assist in identifying opportunities for restoration and protection, including stormwater management opportunities and restoration projects.
- Collaborate with multiple stakeholders in an interdisciplinary and governmental context to achieve project goals.
- Prepare maps, technical reports, and presentations for technical and public audiences.

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.

PREFERRED SKILLS/QUALIFICATIONS

1. A degree with a specialization in hydrology, geomorphology, water resources engineering, ecological or biological engineering, natural resource management, environmental science, or a related field.
2. Experience in stormwater management and/or stream restoration design.
3. Familiarity with AutoCAD.
4. Experience with HEC-RAS or HydroCAD.
5. Knowledge of wetland hydrology, ecological restoration, and stormwater best management practices.
6. Ability to work under adverse conditions (heat, early/late hours, inclement weather, muddy and/or wet conditions).
7. Excellent inter-personal skills, including the ability to work independently and part of a team.
8. Excellent leadership, analytic, communication, and writing skills.
9. Experience with GIS, spatial analysis, and statistical tools.
10. Valid New York State driver license.

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 within 90 days of hire.

Fees: Hired candidates will be subject to a processing fee of \$91.00. Hired candidates who are not currently employed by the City will be subject to a \$101.25 background check fee.

HOW TO APPLY

All Applicants:

Apply Here [Water Resources Specialist](#) or Go to cityjobs.nyc.gov and search for Job ID# 727340.

All applicants must apply via cityjobs.nyc.gov. The City is no longer using ESS to accept applications.

Parks & City Employees: Include your ERN on your cover letter and resume.

POST DATE: 08/20/2025

POST UNTIL: FILLED

References will be required upon request. We appreciate the interest of all applicants. Only candidates selected for an interview will be contacted.

nyc.gov/parks

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TELECOMMUNICATIONS DEVICE FOR THE DEAF: (212) 504-4115

For information about applying for Civil Service Exams go to: [Civil Service Exams - Department of Citywide Administrative Services \(nyc.gov\)](#)