

Sarah Carroll
Chair

Job Vacancy Notice #136-2025-639373

Civil Service Title: City Research Scientist. Level II	Agency Title: Data and GIS Analyst
Title Code No. 21744	Salary: \$84,981 - \$97,728 (with two years of City Service). <i>Salary may be negotiated.</i>
Location: 1 Centre Street, 9th Floor North, New York, NY 10007	Teleworking: Monday through Friday. Eligible for up to 2 remote days per week.
Post Date: 8/20/2024	Post Until: Filled

The Agency

The Landmarks Preservation Commission (LPC) is the largest municipal preservation agency in the nation. It is responsible for protecting New York City's architecturally, historically, and culturally significant buildings and sites by granting them landmark or historic district status and regulating them after designation. The agency is comprised of a panel of 11 commissioners who are appointed by the Mayor and supported by a staff of approximately 80 preservationists, researchers, architects, historians, attorneys, archaeologists, and administrative employees. There are more than 38,000 designated buildings and sites in New York City, most of which are located in 158 historic districts across in all five boroughs.

Working at the Landmarks Preservation Commission provides a great opportunity to cultivate intellectual inspiration and professional development.

The Team

The Data and GIS Analyst position is located within the Research Department and works cross-department and agency-wide, including the Preservation and Enforcement Departments, External Affairs and Executive staff.

Your Impact

The Data and GIS Analyst fulfills a critical role at LPC in providing spatial data analysis, designing digital maps, as well as maintaining the agency's publicly accessible geospatial databases. The agency has undertaken major projects that rely heavily on this work, such as the historic district data project, the Discover New York City Landmarks web map, the Permit Application Finder web map, Portico, the agency's permit application portal, the Designation Photo Digital Archive, and a variety of Story Maps, which contribute to all New Yorkers' understanding of their city's history and heritage.

Your Responsibilities

Reporting to the Director of Special Projects and Strategic Planning, the Data and GIS Analyst is responsible for oversight of all Research Department geospatial and non-geospatial databases and mapping projects as well as analysis of the information contained. The Data Analyst will also work closely with staff from multiple departments on a variety of agency initiatives and special projects. While focusing on technical database management, GIS mapping, and data analysis, the position also offers the opportunity to participate in and lead initiatives in cross-department and agency-wide projects. The Data and GIS Analyst will also serve as LPC's Open Data Coordinator, managing LPC's open data and coordinating with other agencies.

Responsibilities include but are not limited to:

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- Database management, including acquiring data from primary or secondary data sources and maintaining the database/ data systems;
- Manage and grow the agency's web maps, including Discover New York City Landmarks web map, and the Permit Application Finder web map.
- Work in close consultation with the Chief Information Officer to coordinate data issues within the LPC and with other agencies;
- Analysis of the data in the Research Department databases, including cross-analysis with data from other City agencies;
- Interpreting data and analyzing results using statistical techniques to construct new reports and enhance existing reports;
- Resolving land use, boundary, and mapping questions pertaining to landmark designation;
- Evaluating and recommending new software and applications to be used in the agency's surveys and research initiatives;
- Initiate independent projects related to the agency's research and mapping efforts;
- Work closely with DoITT and other City agencies on information and data-sharing and mapping initiatives;
- Manage the development, maintenance, and distribution to external audiences of all Research Department databases;
- Development of digital media projects using Research department data and maps, including story maps and other interactive features.

Qualification Requirements

To be appointed to Assignment Level II, candidates must have:

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 research experience 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 at least a master's degree in an appropriate field of specialization and at least two years of experience described in "2" above. Two years as a City Research Scientist Level I can be substituted for the experience required in "1" and "2" above.

Preferred Skills

The ideal candidate will have experience in the following:

- A minimum of four years GIS and database experience, including the creation of Access queries and forms;
- Strong technical experience with the full Esri desktop suite (ArcMap, ArcCatalog, ArcGIS Pro) including data creation, spatial analysis and data management;
- Demonstrated expertise administering an ArcGIS Online organizational account as well as in using ArcGIS Online for open data, building web mapping applications, story maps, and mobile data collection;
- Experience in or familiarity with social science fields, such as historic preservation, cultural resource management, land use issues, and/or planning, especially in New York City;
- Experience in or familiarity with land use and geographic datasets, such as NYC's Open Data resource, PLUTO;



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- Experience using relational database systems including Access, SQL, Oracle and PostgreSQL;
- Working knowledge of Python ArcPy, HTML, JavaScript and CSS programming languages;
- Working knowledge of popular mapping APIs such as Esri's ArcGIS JavaScript API, Leaflet and MapBoxGL;
- Detail-oriented with excellent writing, editing, and oral communication skills;
- A strong track record as an implementer who thrives on managing a variety of key initiatives concurrently;
- Highly collaborative style, high energy, maturity, and leadership;
- Self-starter, ability to work independently.

How to Apply

Please submit resume and cover letter to: JobsNYC at <https://cityjobs.nyc.gov/>

Please Note

- The Landmarks Preservation Commission will only respond to qualified candidates. While we appreciate every applicant's interest, only those under consideration will be contacted.
- If you were educated in a foreign school, you must be able to submit an evaluation of your foreign education from an approved organization.
- Final appointment is subject to approval by the Office of Management and Budget.

LOAN FORGIVENESS: The federal government provides student loan forgiveness through its Public Service Loan Forgiveness Program (PSLF) to all qualifying public service employees. Working with LPC qualifies you as a public service employee and you may be able to take advantage of this program while working full-time and meeting the program's other requirements. Please visit the Public Service Loan Forgiveness Program site to view the eligibility requirements: [Public Service Loan Forgiveness | Federal Student Aid](#)

The City of New York is an inclusive equal opportunity employer committed to recruiting and retaining a diverse workforce and providing a work environment that is free from discrimination and harassment based upon any legally protected status or protected characteristic, including but not limited to an individual's sex, race, color, ethnicity, national origin, age, religion, disability, sexual orientation, veteran status, gender identity, or pregnancy. LPC employees can expect to work as part of a highly engaged, passionate, and inclusive workforce where every-one's contributions are valued, respected, and make an impact on one of the best and most diverse cities in the world!