



## State of New Jersey

Highlands Water Protection and Planning Council  
100 North Road (Route 513)  
Chester, New Jersey 07930-2322  
(908) 879-6737  
(908) 879-4205 (fax)  
[www.nj.gov/njhighlands](http://www.nj.gov/njhighlands)



**PHILIP D. MURPHY**  
*Governor*

**SHEILA Y. OLIVER**  
*L. Governor*

**CARL J. RICHKO**  
*Chairperson*

**LISA J. PLEVIN**  
*Executive Director*

Job Title: GIS Specialist II  
Reports to: GIS Manager  
Type of Position: Full Time (35 hours/week, Exempt) Unclassified  
Salary Range: \$50,000 - \$70,000  
Date: February 11, 2019

### **Job Description:**

Administer and maintain the spatial database infrastructure of the NJ Highlands Council GIS data. Work with the Office of Information Technology and Consultants to update and maintain Highlands public data and interactive mapping applications. Work with Highlands staff to conduct spatial analysis, and provide cartographic and analytical deliverables for planning and science purposes.

### **Duties:**

- Maintain geospatial architecture (ArcGIS Online, Open Data & ArcGIS Server administration, and PostgreSQL).
- Follow GIS projects through their entire lifecycle, from requirements gathering, choosing the technical platform, implementation, and presenting the results.
- Creates workflows to update RMP era data by interpreting technical reports and gathering historical information from other staff.
- Perform spatial analysis and create cartographic deliverables
- Coordinate with the NJ Office of Information Technology to deliver data updates for use in ArcGIS online, Open Data and web mapping applications.
- Maintenance on web mapping applications for the Highlands allowing the internal management of the systems and working with outside contractor to keep applications running optimally.
- Use python and SQL to stream line data processing.
- Updates and produces data to inform preservation priorities within the region.
- Train on GIS software and tools. Produce documentation and training materials.

**Position Requirements**

Education: Bachelor's degree in GIS or related field.

Experience: 2+ years experience.

Required skillsets: Python/Arcpy scripting; JavaScript web application development; ArcGIS JavaScript API; ArcGIS Desktop; Cartography/design; ArcGIS server /Online administration; Enterprise geodatabase experience; RDBMS administration (PostgreSQL).

Recommended skillsets: ESRI Spatial Analyst extension, Map Books in ArcGIS, Adobe InDesign, AutoCAD, SQL, Google Maps API, ERDAS Imagine.

Residency Requirement: New Jersey Residence Required in accordance with Public Law, N.J. S. A. 52-14.7(1.2011, Chapter 70) effective September 1, 2011. If you do not reside in New Jersey, you have one year after the date you begin employment to relocate your residency to New Jersey.

To be considered for this position, please e-mail, fax or mail the following to the address below no later than March 1, 2019.

- 1) Cover letter indicating your interest and experience
- 2) Resume
- 3) Example of professional work products (map portfolio, writing samples, etc.)
- 4) Names and phone numbers of at least three references.

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