

**City of New York**  
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**  
**Upstate Job Vacancy Notice**

<b>Civil Service Title:</b> City Research Scientist	<b>Level:</b> 02
<b>Title Code No:</b> 21744	<b>Annual Salary:</b> \$63,662 / \$73,212 - \$79,899
<b>Office Title:</b> City Research Scientist	<b>Work Location:</b> 71 Smith Avenue, Kingston, NY
<b>Division/Work Unit:</b> Bureau of Water Supply/ Operations	<b>Number of Positions:</b> 1
<b>Hours/Shift:</b> 35 hours per week/Day	<b>Agency Tracking #:</b> N/A

**Job Description**

Working in the Operations Directorate, for the Watershed Monitoring and Operations Support (WMOS) section, under the direction of the Deputy Chief of WMOS, the selected candidate will use the Operations Support Tool (OST) software system and other analytical tools to assist with administration of the New York City Water Supply reservoir system. The selected candidate will be responsible for providing routine short-term operational decisions through the use of position analysis and related data analyses; performing specialized modeling as needed during periods of water quality issues or other non-routine conditions; providing guidance for reservoir operations before and during planned infrastructure outages; providing support for unplanned infrastructure outages and other emergency situations; evaluating long-term operating rules and policies; and evaluating the impacts of climate change on the water supply and possible operational responses to mitigate those impacts; producing data and reports for operational, regulatory, legal and scientific purposes; will represent the agency on these matters at meetings and conferences; proving leadership in the development of new methodologies and approaches to analyzing, modeling, and operating the water supply system; and will work with the development team to build and implement OST.

**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 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*.

**Essential Skills**

The selected candidate must have fluency with computer modeling software. Knowledge of Oasis® software and CE-Qual-W2 a plus. In addition, should be knowledgeable of hydrological systems and hydrological modeling, including reservoir systems modeling.

**To Apply:**

Please submit 2 copies of your resume placing the JVN# on the upper right corner of your resume.

The JVN# is located at the lower right corner of this page.

NYC Department of Environmental Protection

Recruitment Office: 59-17 Junction Boulevard -18<sup>th</sup> Floor - Flushing - NY 11373-5108

*OR*

Via E-mail, please submit your resume in Adobe PDF or Microsoft Word  
placing the JVN# on the upper right corner of your resume as well as in the subject line to:

[Recruit@dep.nyc.gov](mailto:Recruit@dep.nyc.gov)

For more information about DEP, visit us at: [www.nyc.gov/dep](http://www.nyc.gov/dep)

Appointments are subject to OMB approval.

**Post Date:** 07/11/2011

**Post Until:** 07/25/2011

**JVN:** 826-12-88071-WS

**The City of New York is an Equal Opportunity Employer**