

**From:** Howard, Tim G (DEC)  
**Subject:** ANNOUNCEMENT OF VACANCY - Research Scientist (Ecologist)

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All,  
The New York Natural Heritage Program, a program of The State University of New York College of Environmental Science and Forestry is looking for an ecologist to be a part of our team. This is a great position and this person will get to conduct field work in some great natural areas in New York State. The New York Natural Heritage Program is based in Albany, NY.

Here's the link to the specific job description and directions for applying:

[https://urldefense.proofpoint.com/v2?url=https-3A\\_\\_esf.interviewexchange.com\\_jobofferdetails.jsp-3FJOBID-3D85059&d=DwIFAg&c=Ngd-ta5yRYsqeUsEDgXhcqYYY1Xs5ogLxWPA\\_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AgoiQLvxfeeATyN59ZLoI&m=g0zqLCyxaZjuY4Memj0MzNqPv9RBCZMACdyPL8w1sUQ&s=\\_6lePwngLzYLGSwmPPY0Tdv5Z1uZp7HAzWBSz4tFwo&e=](https://urldefense.proofpoint.com/v2?url=https-3A__esf.interviewexchange.com_jobofferdetails.jsp-3FJOBID-3D85059&d=DwIFAg&c=Ngd-ta5yRYsqeUsEDgXhcqYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AgoiQLvxfeeATyN59ZLoI&m=g0zqLCyxaZjuY4Memj0MzNqPv9RBCZMACdyPL8w1sUQ&s=_6lePwngLzYLGSwmPPY0Tdv5Z1uZp7HAzWBSz4tFwo&e=)

Here's the text of the position announcement.

**Research Scientist -Descriptive Title: Ecologist**

About College of Environmental Science and Forestry:

Founded in 1911, the State University of New York College of Environmental Science and Forestry (ESF) is the nation's oldest and most respected school dedicated to the study of the environment, developing renewable technologies and building a sustainable future. The ESF main campus is in Syracuse, NY and has regional campuses throughout Central New York and the Adirondack Park. ESF consistently earns high rankings in US News and World Report, Forbes, Peterson's Guide, The Washington Monthly, Princeton Review and other national college guidebooks.

**Job Description:**

Title: Research Scientist

Descriptive Title: Ecologist

Department: New York Natural Heritage Program, Albany, NY

Salary: Minimum \$49,000 per year (Full time) depending on experience; position is based in Albany, NY.

**BACKGROUND**

The New York Natural Heritage Program (NYNHP) is a program of the Research Foundation for the State University of New York College of Environmental Science and Forestry (SUNY- ESF) whose mission is to facilitate the conservation of New York's biodiversity by providing comprehensive information, database applications, and scientific expertise on rare species and natural ecosystems. NYNHP works in partnership with the New York State Department of Environmental Conservation and other state, federal and private organizations involved in natural resource management, land protection and stewardship, and advancing the conservation of biodiversity.

The New York Natural Heritage Program uses an integrated web-enabled platform, Biotics 5, for tabular and spatial data management. Hosted in a shared cloud environment by NatureServe, and used by members of the NatureServe Network, Biotics provides built-in support for shared methodology and data standards for natural heritage programs and conservation data centers across the United States and Canada. NYNHP also uses ArcGIS, MS Access, MS Excel, iMapInvasives, the R statistical environment, various scripting and programming languages, and customized spatial and database applications for field data collection on Android mobile devices

**BRIEF DESCRIPTION OF DUTIES:**

Serve as a project manager by coordinating the work of NYNHP staff and contractors working on ecology projects. Act as a liaison to project sponsors, present project overviews at conferences and meetings, and write progress reports as needed.

Conduct landscape analyses to assess ecological integrity and identify potential inventory sites using remote sensing data, other digital and hard-copy data layers, and information from the scientific literature, government agencies, and knowledgeable individuals.

Conduct field surveys to document natural communities and rare plants using the methods and techniques developed by the Natural Heritage Network and other experts. Transcribe, update, and map significant natural community and rare plant element occurrence records. Assess site condition using metrics collected onsite and remotely.

Assist the Chief Ecologist in the development of the state ecological community classification by transcribing and updating of high-priority natural community element occurrence records, maintaining natural community element files, and revising community descriptions.

Participate in the ongoing development of new tools, methods, processes, and techniques that improve the collection, storage, analysis, interpretation, dissemination, and application of NYNHP information.

Communicate the role of the NYNHP in the conservation of New York's biodiversity, and explain the utility of inventories and landscape analyses to partners and members of the public.

Respond to requests for ecological information from the NYNHP database and provide interpretation, as needed

Maintain relationships with outside partners, state/local/federal agencies, land managers, private landowners and the academic community.

**Requirements:**

**REQUIRED QUALIFICATIONS:**

Bachelor's degree with 1-3 years of experience in ecology or biological sciences.

Course work or field experience in community ecology and plant species identification.

Familiarity with aerial photograph interpretation and community mapping.

Experience in ArcMap or related computer mapping products.

Experience in using common software applications (e.g., Word, Access, Excel, Web browsers).

Experience analyzing and interpreting scientific data and preparing reports of findings.

Knowledge of regional fauna and flora, natural communities, ecosystems, ecosystem processes, and their conservation needs

**PREFERRED QUALIFICATIONS:**

Master's Degree

Preference will be given to degrees in forest science, terrestrial ecology, and landscape ecology.

Project management and administrative experience.

Experience with Northeastern flora.

Experience training individuals and groups.

Experience in natural resource management or conservation.

**WORKING CONDITIONS/PHYSICAL EFFORT**

The Ecologist will travel throughout New York State conducting field work and may work in variable weather conditions, at remote locations, on difficult and hazardous terrain, and under physically demanding circumstances in isolated settings

**Additional Information:**

In accordance with the "Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act" institutions of higher education are required to prepare an annual report containing information on campus security policies and campus statistics. This report includes statistics for the previous three years concerning reported crimes that occurred on-campus; in certain off-campus buildings or property owned or controlled by SUNY-ESF; and on property within, or immediately adjacent to and accessible from the campus. The report also includes institutional policies concerning campus security, such as policies concerning sexual assault, and other matters. You can obtain a printed copy of this report by contacting SUNY-ESF University Police at 315-470-6667 or by accessing the following web site: [https://urldefense.proofpoint.com/v2?url=http-3A\\_\\_www.esf.edu\\_univpolice\\_crimerreports\\_&d=DwIFAg&c=Ngd-ta5yRYsqeUsEDgXhcqYYY1Xs5ogLxWPA\\_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AgoiQLvxfeeATyN59ZLoI&m=g0zqLCyxaZjuY4Memj0MzNqPv9RBCZMACdyPL8w1sUQ&s=A3neOP6UyM4VQDZniI5bd4CAXQpXol6Rd\\_Xhbc2FSRE&e=](https://urldefense.proofpoint.com/v2?url=http-3A__www.esf.edu_univpolice_crimerreports_&d=DwIFAg&c=Ngd-ta5yRYsqeUsEDgXhcqYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AgoiQLvxfeeATyN59ZLoI&m=g0zqLCyxaZjuY4Memj0MzNqPv9RBCZMACdyPL8w1sUQ&s=A3neOP6UyM4VQDZniI5bd4CAXQpXol6Rd_Xhbc2FSRE&e=)

The Research Foundation is an equal opportunity/affirmative action employer. All qualified applicants will receive consideration for employment without regard to sex, gender identity, sexual orientation, race, color, religion, national origin, disability, protected veteran status, age, or any other characteristic protected by law.

**Application Deadline:** Although applications will be accepted until the position is filled, candidates should submit their application by close of business June 19, 2017 to ensure optimal consideration.

**Application Procedure:** Employment application is required to be submitted on-line at [https://urldefense.proofpoint.com/v2?url=http-3A\\_\\_www.esf.edu\\_hr\\_&d=DwIFAg&c=Ngd-ta5yRYsqeUsEDgXhcqYYY1Xs5ogLxWPA\\_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AgoiQLvxfeeATyN59ZLoI&m=g0zqLCyxaZjuY4Memj0MzNqPv9RBCZMACdyPL8w1sUQ&s=3BgTbEjYtAttrY0S92g902H9OPYTXnBpQuoOnG1wdc&e=](https://urldefense.proofpoint.com/v2?url=http-3A__www.esf.edu_hr_&d=DwIFAg&c=Ngd-ta5yRYsqeUsEDgXhcqYYY1Xs5ogLxWPA_2Wlc4&r=e2OJ1azRFn8ihJzb2HxZT0AgoiQLvxfeeATyN59ZLoI&m=g0zqLCyxaZjuY4Memj0MzNqPv9RBCZMACdyPL8w1sUQ&s=3BgTbEjYtAttrY0S92g902H9OPYTXnBpQuoOnG1wdc&e=). Attach cover letter, curriculum vitae, resume and contact information for three employment references.