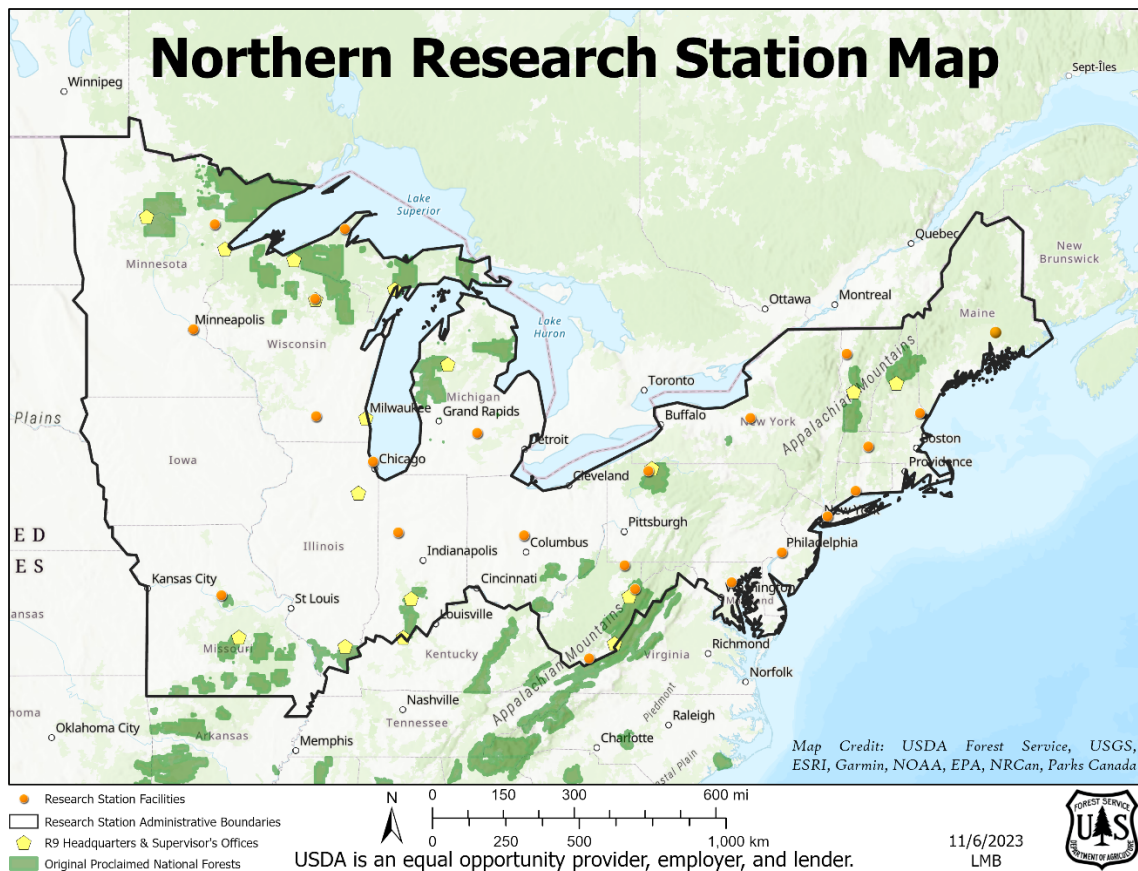




Term Post-Doctoral Scholar Interdisciplinary Research Ecologist/Forester/Physical Scientist GS-0408/0460/1301-12

The Northern Research Station is conducting a pre-vacancy announcement outreach for a highly skilled and qualified candidate to fill a **term Interdisciplinary - Research Ecologist, GS-0408-12, Research Forester GS-0460-12, or Research Physical Scientist GS-1301-12** position with a duty station at the **Silas Little Forest in New Lisbon, New Jersey**. This notification is being circulated to inform prospective applicants of this upcoming opportunity and to determine interest in the position. Please return this completed form and resume to Nicholas.S.Skowronski via email by February 1, 2025.

Northern Research Station



The USDA Forest Service's Northern Research Station develops science that sheds light on how ecosystems ranging from forests to urban areas work and the challenges that threaten them. Learn more about the Northern Research Station by visiting <https://www.fs.usda.gov/research/nrs>.



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Position

The scientist is a member of the Northern Research Station (NRS) Research Work Unit NRS-17: Physical and Ecological Fire Processes, Interactions, and Applications.

The Post-Doctoral Scholar will have responsibilities that span two projects:

- 1) "How does ember production and dispersal distance vary with pre- and post-treatment fuelbeds and weather?"
- 2) "Developing detailed Emission Source Terms for Next-Generation Wildland Fire and Smoke Modeling Tools using improved near-field fire measurements."

These efforts are multi-disciplinary and include investigations that will be performed in laboratory settings, through field-based experimentation, observations of operational prescribed fires, and various modeling approaches. The incumbent will work with scientists, technical staff, and students from within the Research Work Unit and from numerous collaboration institutions including Worcester Polytechnic Institute, Los Alamos National Laboratory, The University of Edinburgh, The University of Melbourne, and others.

The incumbent will be responsible for the field-sampling portions of these projects that will occur mostly in the New Jersey Pinelands but will also include regional and nationwide sampling as opportunities are presented. Fieldwork will include measurements of fuels, environmental variables, and of fire dynamics over a variety of spatial scales in environments before, during and after wildland and experimental outdoor fires. The nature of this work allows us to consider a broad range and combinations of skills as we fill this position. We encourage applicants with experience in any combination of the following: fire science, field sampling, wildland fire, sensors and data loggers, computation fluid dynamics modeling and remote sensing.

Duty Location

The Silas Little Experimental Forest (SLEF) is located about 3 miles south of New Lisbon, NJ (unincorporated community). It is situated in the 38,000-acre Brendan T. Byrne State Forest and 1.1-million-acre National Pinelands Reserve. In addition to research opportunities, the surrounding forests and wetlands offer many outdoor recreational activities such as camping, hiking, mountain biking, birding, fishing and hunting. Living options within 30 minutes of the SLEF range from urban to rural, with some of the best school districts in the State within an easy commute. Nearby communities with affordable housing include Browns Mills, Presidential Lakes and Country Lake Estates. Larger communities nearby include Medford and Whiting, with the major metropolitan areas of Philadelphia and New York City located within 50 miles. The SLEF is also located within 25 miles of the famous New Jersey shoreline that offers swimming, boating, and surf fishing.



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Application Tips

Forest Service jobs are applied for through USAJOBS. It is important to use your personal email address when creating a USAJOBS profile. It is important to read and understand the vacancy announcement before clicking the “Apply” button.

For more information on the application process on USAJOBS, visit <https://www.usajobs.gov/Help/faq/application/process/>.

- Use the Required Documents section as a checklist
- Review the [Tips for Applicants](#)
- Review the [Required Documents](#) for special hiring authorities
- Read all questions and response options carefully before selecting a response
- Review application (responses to questions and attached documents) before submitting
- Check the status of application in USAJOBS after applying
- Eligibility for Federal Employees
<https://www.usajobs.gov/Help/working-in-government/unique-hiring-paths/federal-employees/>
- Jobs Open to the Public
<https://www.usajobs.gov/Help/working-in-government/unique-hiring-paths/public/>
- Difference between eligibility and qualifications
<https://www.usajobs.gov/Help/faq/application/eligibility/difference-from-qualifications/>
- Federal resume writing help
<https://www.usajobs.gov/Help/faq/application/documents/resume/what-to-include/>
<https://www.usajobs.gov/Help/faq/application/documents/resume/what-to-leave-out/>
- Frequently Asked Questions
<https://www.usajobs.gov/Help/faq/>



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Outreach Response

Post-95
GS-0408/0460/1301-12
USDA Forest Service, Northern Research Station

If you have questions regarding this position or to respond to this outreach,
please contact Nick Skowronski at Nicholas.S.Skowronski@usda.gov
Please return this [completed form and resume](#) via email by February 1, 2025

Name:

Work Phone:

Email:

Cell Phone:

Interested in (check the box or boxes the apply):

Permanent position

Detail/temporary promotion

Preferred Duty Locations:

Current Employer:

USDA FS Unit:

Other:

Location:

If Federal Employee, Type of Appointment:

Permanent Temporary Term Student/Intern Other

Current Position Title:

Series/Grade:

How did you hear about this position?

Are you eligible to be hired under any of the following special authorities (check all that apply)?

- [Schedule A authority for hiring people with "severe" disabilities](#)
- [Veterans Recruitment Act \(VRA\)](#)
- [30% or More Disabled Veteran](#)
- [Prior Peace Corps or AmeriCorps/VISTA](#)
- [Pathways Program](#)
- [Resource Assistants Program Direct Hire Authority \(RAP DHA\)](#)
- [Military Spouse Appointing Authority](#)
- Reinstatement Rights



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In accordance with Federal civil rights law and U.S. Department of Agriculture (USDA) civil rights regulations and policies, the USDA, its Agencies, offices, and employees, and institutions participating in or administering USDA programs are prohibited from discriminating based on race, color, national origin, religion, sex, gender identity (including gender expression), sexual orientation, disability, age, marital status, family/parental status, income derived from a public assistance program, political beliefs, or reprisal or retaliation for prior civil rights activity, in any program or activity conducted or funded by USDA (not all bases apply to all programs). Remedies and complaint filing deadlines vary by program or incident.

Persons with disabilities who require alternative means of communication for program information (e.g., Braille, large print, audiotape, American Sign Language, etc.) should contact the responsible Agency or USDA's TARGET Center at (202) 720-2600 (voice and TTY) or contact USDA through the Federal Relay Service at (800) 877-8339. Additionally, program information may be made available in languages other than English.

To file a program discrimination complaint, complete the USDA Program Discrimination Complaint Form, AD-3027, found online at http://www.ascr.usda.gov/complaint_filing_cust.html and at any USDA office or write a letter addressed to USDA and provide in the letter all of the information requested in the form. To request a copy of the complaint form, call (866) 632-9992. Submit your completed form or letter to USDA by:

- (1) mail: U.S. Department of Agriculture
Office of the Assistant Secretary for Civil Rights
1400 Independence Avenue, SW
Washington, D.C. 20250-9410;
- (2) fax: (202) 690-7442; or
- (3) email: program.intake@usda.gov

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