



Service, Science, Sustainability

Under the leadership of the Commissioner of Public Lands, our work at the Department of Natural Resources (DNR) is done with the public's interest in mind, which means transparency and public knowledge. Our decisions are guided by sound science as we manage state trust lands, native ecosystems and natural resources. We support the vision of a sustainable future by protecting and managing the natural resources so future generations will have them.

DNR manages over 5 million acres of state-owned land that includes forest, range, commercial, agricultural and aquatic lands. We generate revenue that supports public schools, state institutions and county services. But managing lands is only half of our story. We also protect other public resources such as fish, wildlife, water, and provide public access to outdoor recreation. Two of our largest and most important state-wide resource protection responsibilities are fire prevention and suppression, and overseeing forest practices.

The DNR has an annual operating budget of approximately \$245 million and has over 1300 permanent employees with approximately 500 additional staff hired during the summer fire season.

We have some of the most talented people in the industry. We honor diversity in the workplace and support one another with respect and trust. We invite you to learn more about our culture, our careers, and why some of the top forestry and natural science professionals have joined Washington DNR by visiting our [DNR website](#).

Forest Health Restoration Science Lead Natural Resource Scientist 4 Recruitment # 2017-08-7616-07897

SALARY RANGE:

\$5,101 – \$6,862 per month

TYPE OF POSITION:

Permanent, Full-time. This position is represented by the WFSE.

Important Note: Once appointed to this position the incumbent will be required to pay union dues or other representation fees within the first 30 days of employment.

LOCATION:

Olympia, Washington

CLOSES:

26 September 2017

Note: Recruitment may be extended after 26 September depending on the quantity and quality of the application pool.

POSITION PROFILE:

This scientist position will serve as the agency's expert in forest health restoration science by developing evaluations at different scales (stand, watershed) to prioritize forest health treatments, monitoring forest health treatments and researching/publishing relevant subjects to advance the science of forest health restoration. This position will serve a key scientific leadership role for the agency as well as the state and region collaborating with scientific peers, natural resource managers, agencies, landowners and stakeholders to advance the science of forest health restoration and foster healthy, resilient forested landscapes. If you are a scientist that has proven experience managing natural resources, assessing forest health conditions and risk, developing forest health treatment plans and prescriptions, communicating complex scientific topics to technical and non-technical audiences, publishing research findings in refereed publications, and a passion and commitment to working collaboratively with internal and external stakeholders to create healthy, resilient forested landscapes we want to hear from you!

REQUIRED QUALIFICATIONS:

- Graduate level knowledge and management experience in some combination of forest ecology, silviculture, forest health, fire science, forest management and/or landscape ecology.
- Ability to use modern spatial and non-spatial modeling concepts, techniques and software to study trends and predicted changes in forest conditions, forest health and wildfire risk, and values at risk over time.
- Working knowledge of the Scientific Method, including sound understanding and working knowledge of experimental design, sampling procedures, error assessment methods, data analysis procedures, and both spatial and non-spatial statistical techniques.

- Demonstrated ability to conduct ecological research, systematic literature reviews, plan and implement field studies, and conduct associated data analyses.
- A successful record of publishing peer-reviewed research papers and reports, and presentation of research at scientific meetings and conferences.
- Advanced knowledge and experience using remotely sensed data and GIS software to map and analyze forest ecosystems and associated natural resources.
- Proven experience implementing advanced forest ecology and silvicultural concepts in a forest management context.
- Excellent verbal and written communication skills to convey complex forest ecology science to technical and non-technical audiences.
- Ability to lead internal and external forest health science working groups as needed to further agency projects and initiatives.
- Experience participating in multi-stakeholder forest collaboratives and understanding of how to effectively communicate and represent both science and agency policy to external partners.

This level of knowledge, skill and ability is **typically** achieved after:

- A Master's degree with a major study in natural resource science (e.g. forestry, landscape ecology, fire science, wildlife biology) or a closely related field and five of years' professional research and applied management work experience in forest ecology, silviculture, fire science, landscape ecology, forest management, wildlife management or a closely related field relying on the aforementioned required position competencies.
- A Ph.D. degree (preferred) with a major study in natural resource science (e.g. forestry, landscape ecology, fire science, wildlife biology) or a closely related field and two of years' professional research and applied management work experience in forest ecology, silviculture, fire science, landscape ecology, forest management, wildlife management or a closely related field relying on the aforementioned required position competencies.

DESIRABLE QUALIFICATIONS:

- Ph.D is preferred.
- Demonstrated ability to acquire and manage grants.
- Ability to simplify and explain complex scientific data to general audiences.
- Knowledge and experience in applying climate change science to the study and analysis of forest ecosystems.

SPECIAL POSITION REQUIREMENTS AND WORKING CONDITIONS

- Ability to work on uneven terrain in all weather conditions.
- Work will primarily be performed in an office setting with up to 25% in the field conducting monitoring and research of forest health treatments.
- The incumbent in this position is required to travel.
- Ability to work independently and sometimes in remote locations.
- Must have a valid driver's license and have two years of driving experience. This position requires driving as an essential function. Employees who drive for state business, whether in a state or privately-owned vehicle, are required to possess a valid license as defined in policy PO02-006 and abide by all other driver responsibility requirements.

WHO MAY APPLY

This recruitment is open to anyone who meets the required qualifications for this position.

FOR MORE INFORMATION AND HOW TO [APPLY!](#)

OR GO TO: <http://agency.governmentjobs.com/dnr/default.cfm?action=viewJob&jobID=1836447>

QUESTIONS? Please contact **Chuck Hersey, Acting Forest Health Program Manager** at **(360) 902-1045**
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