



Habitat Conservation Plan Spatial Analyst Aquatic Resources Division

Recruitment # 2008-07-8069

AGENCY MISSION AND CHALLENGE

At the Department of Natural Resources (DNR), we support the vision of a sustainable future by protecting and managing the natural resources that belong to the citizens of Washington. We provide professional, forward-looking stewardship of state trust lands, native ecosystems and natural resources under the leadership of the Commissioner of Public Lands, an elected official.

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 operates with a biennial budget of approximately \$400 million and has over 1300 employees. For more information about the department, see the DNR website at www.dnr.wa.gov

Job Classification:	Information Technology Specialist 2
Type of Position:	This is a non-permanent position expected to last 8 months. This position is represented by the WFSE. Once appointed to this position the incumbent will be required to pay union dues or other representation fee within the first 30 days of employment.
Monthly Salary Range:	\$3,726 - \$4,888
Benefits Package:	Health and dental insurance, retirement pension, vacation, sick leave and holidays
Posting Date:	July 28, 2008
Closing Date:	September 4, 2008
Location:	Olympia WA

POSITION PROFILE

The incumbent will serve as the Spatial Analyst for the Aquatic Resources Habitat Conservation Plan. Responsibilities for this position include:

- Design complex spatial data queries and methodologies for identifying conservation priorities.
- Design, create, update, analyze, and maintain spatial data and databases associated with the HCP including metadata, activity logs, and other documentation about data sets.
- Provide cartographic support to the ESA team by preparing production and draft quality maps in support of the HCP.
- Coordinate the use of data as needed, exchange and update data with internal and external entities, and address requests for data from external parties.

REQUIRED POSITION QUALIFICATIONS

- Proficiency in ArcGIS 9.1 and associated extensions.
- Knowledge of technical cartography including land survey, map projections and standards, drafting, geography, land uses, biological demographics, etc.; digitizing and editing methods and techniques for geographic information; geometry, trigonometry and arithmetic calculation and problem resolution.
- Knowledge of ecological principals.
- Ability to evaluate and resolve differences between a variety of technical information sources; encode and enter geographic information into a computer drafting, mapping or geographic information system, follow standard procedures and resolve technical differences to produce map/data products.
- Effective and clear technical communication, both orally and in writing.
- Demonstrated ability to build constructive working relationships characterized by a high level of acceptance
- Strong analytical skills.

DESIRED POSITION QUALIFICATIONS

- Skill in statistical analysis (e.g., R, SPSS, SAS, Statistix);
- BA/BS in ecology, land management, geography, or other natural resource management discipline.

SPECIAL POSITION REQUIREMENTS AND WORKING CONDITIONS

- Must be at least 18 years of age at time of hire.
- This incumbent in this position is required to travel.
- Must have a valid driver's license and have two years of driving experience.

WHO MAY APPLY

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

APPLICATION PROCESS

To be considered for this position please submit:

- A letter of interest describing how your experience and qualifications relate to the job profile and the required and desired position qualifications. Your submittal should include:
 - How your education/degree is relevant to this position, as well as a list of relevant classes, workshops, and/or training.
 - Your work experience in using ArcGIS software and the GeoDatabase model for performing decision support analysis in GIS. Include the dates and location where your experience was obtained.
 - A brief description of your experience in the acquisition and management of environmental data, as well as specific steps to be used in determining the fitness of the data for use in third party analysis.
 - A brief description of your experience in integrating high accuracy GPS data or resource mapping grade GPS data into a shapefile or Geodatabase. Please include the GPS software used (ArcPad, Trimble Geomatics Office, Trimble Pathfinder Office, or other GPS software).
 - A brief description of the Washington State Geographic Information Standards including the primary coordinate systems used, geodetic datums and transformations used to re-project coordinates from one system/datum to another.
 - A brief description of using GIS analyses for modeling applications (e.g. fish and wildlife models, hydrologic models). Include the dates and location where your experience was obtained.
- A resume.
- An online voluntary [Applicant Profile Questionnaire](#). (*This form is submitted online*).
- Finalists will be asked to provide an employment/commercial driving record issued from the state in which you are currently licensed.

The first screening will be based on information contained in your candidate materials.

Submit all materials by the closing date to:

Electronic method preferred dnrrecruiting@dnr.wa.gov	OR other method Roberta Searles Department of Natural Resources PO BOX 47033 Olympia, WA 98504-7033
--	---

NOTE: Please indicate HCP Spatial Analyst-Recruitment #2008-07-8069 in the subject line of your e-mail.

By submitting the application materials you are indicating that all information is true and correct to the best of your knowledge. You understand that the state may verify information and that untruthful or misleading information is cause for removal from applicant pool or dismissal if employed.

Questions? Please contact Carol Cloen at (360) 902-1098 or e-mail us at DNRrecruiting@dnr.wa.gov.

[Join our job announcement mailing list](#)
[and view all current job opportunities.](#)
Visit: [DNR Jobs](#)

This announcement is published by the Washington State Department of Natural Resources (DNR). The DNR is an equal opportunity employer. **Women, racial, and ethnic minorities, persons of disability, and disabled and Vietnam-era veterans are encouraged to apply.** Persons with a disability who need assistance during the screening process, or those needing this announcement in an alternative format may contact DNR's ADA Coordinator at (360) 902-1150. DNR may be contacted using the Washington State Telecommunications Relay Service (TTY) by dialing 711.