

Title: LTE – NAT RES RESEARCH SCIENTIST-SENIOR

Contact: Jed Meunier

Location: DNR Science Operations Center, 2801 Progress Road, Madison, WI 53716

Telephone Number: (608) 235-7321

Hourly Rate: \$20.00–\$22.00 per hour, depending on experience and training; 20 hours/week.

Duration: Job starts approximately June 9, 2019

Job Description: **Research scientist/Wildlife Data Analyst:**

This position will assist in the evaluation of habitat management activities on wildlife outcomes across Wisconsin. This will include development of data models to explain changes in distribution and abundance of various species, including grassland game birds. Work will be centered on understanding and analyzing wildlife changes using existing data as related to land use changes using an assortment of spatial data products. The position is based within the WI Department of Natural Resources in Madison, WI. The person in this position will work closely with various partners and programs and will be part of a collaborative team with the ability to work on various wildlife, forest, and fire ecology projects. The primary goal is to:

- 1) Strategically evaluate individual local scale habitat interventions, as well as landscape scale habitat changes, as related to impacts on target species and the broader ecological community.
  - Oversee collection and organization of existing species data.
  - Identify and map habitat characteristics locally (project areas) and at landscape scale.
  - Evaluate habitat management outcomes.
  - Compare habitat management outcomes in focal project areas and the broader landscape.

Knowledge Required: Experience in spatial analysis of landscapes and/or terrestrial vertebrates. Proficiency with ArcGIS software and ESRI databases. The ability to use such knowledge to propose and help coordinate solutions to management problems. Strong communication skills and knowledge of biology, geography, wildlife management, or related field.

Desired Qualifications: The ability to complete high quality work and adhere to a timeline with little supervision, knowledge of Microsoft Word, Excel, Outlook, PowerPoint, GIS, and ArcMap programs, detail oriented and enthusiasm for learning.

Application Deadline: May 17, 2019

To Apply: Submit Form 9100-162 LTE Application (hard copy also available at most DNR offices), resume, cover letter, and references to:

Jed Meunier

2801 Progress Road

Madison, WI 53716

[Jed.Meunier@wisconsin.gov](mailto:Jed.Meunier@wisconsin.gov)

RE: Job Code # 13209

Additional Information:

Application materials will be reviewed, and the most qualified candidates will be invited for an interview.

The position will be based out of Madison but may include travel. Independent travel in state vehicles may be required so the successful candidate must possess a valid driver's license.

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Duration: Job starts approximately June 9, 2019

Job Description: **Research scientist/Spatial Ecologist:**

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- 2) Identify opportunities for operational efficiency; assist research project leader; manage and analyze spatial data.
  - Assist in research that helps inform operational efficiency in Wildlife Habitat Management in Wisconsin.
  - Develop and implement procedures to manage information with consistency and quality.
  - Provide technical support of data modeling tools, data design tools, GIS software, repositories, and data reporting tools.
  - Identify data quality issues and solutions for existing data collection efforts.
  - Maintain awareness of the GIS industry's standards, policies, initiatives, and activities related to geospatial data administration.

Knowledge Required: Experience in spatial analysis of landscapes and/or terrestrial vertebrates. Proficiency with ArcGIS software and ESRI databases. The ability to use such knowledge to propose and help coordinate solutions to management problems. Strong communication skills and knowledge of biology, geography, wildlife management, or related field.

Desired Qualifications: The ability to complete high quality work and adhere to a timeline with little supervision, knowledge of Microsoft Word, Excel, Outlook, PowerPoint, GIS, and ArcMap programs, detail oriented and enthusiasm for learning. Ability to use GIS utility software formats (MrSid, ArcInfo GRID, ERDAS Imagine, Projection utilities) to manipulate spatial data. Knowledge of, and the ability to

develop, accurate data from source material with a variety of scales, levels of reliability, and amounts of detail.

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RE: Job Code # 13210\_\_\_\_\_

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