

Assistantship in Forest Operations



Deadline: March 15th 2019, or till the position is filled

Employer: School of Forest Resources, University of Maine (UMaine), Orono

Job Field: Forest Operations

Job Type: Graduate Research Assistantship

Location: Orono, Maine, USA

Job Description:

University of Maine's School of Forest Resources in Orono, ME, is seeking applicants for a M.S. graduate research assistantship in forest Operations and management, for a start date either in May or August 2019. This project, will be funded by the National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA), will result in an economic and logistics modelling of logging residues in varied Silvicultural prescriptions for the New England Region. Specifically, the successful candidate will evaluate and compare the operational efficiency, cost of implementing Best Management Practice, and trucking employed in different silvicultural prescriptions. Fieldwork, will be central to the project; therefore, the successful candidate will need travel to various timber harvest operation locations throughout the New England Region. In addition, the individual will occasionally be expected to assist others to collect field data in adverse climatic conditions typical to the Northeast.

Qualifications:

- B.S. in Forestry, Natural Resource Management, or closely-related field
- Minimum GPA of 3.2 or above 84%
- GRE scores above the 50th percentile on verbal and quantitative sections and above 4.0 on the writing section
- Adequate statistical knowledge and familiarity with geospatial analysis
- Strong oral and written communication skills
- Demonstrated technical and scientific writing (i.e., management plans, reports or scientific articles in peer-reviewed journals)
- Possess or obtain (within 2 months of joining) a valid driver's license for the state of Maine and have a good driving record
- Self-motivated and enthusiastic about conducting field-based research.

Additional expectations/ information:

The position will be based at University of Maine's Orono campus. In addition to other responsibilities for this position, the successful candidate will be involved in analyses of data collected previously and by the candidate, and the completion of a dissertation and peer-reviewed publications, as well as the successful completion of the requirements of the degree within allotted time frame (2 years for MS or lesser). Due to the very nature of forest operation research, additional field work or data analysis might be expected during weekends to meet deadlines.

Salary: \$20,799 /year

Benefits: Tuition fee waiver and 50 percent health insurance

How to Apply:

Interested candidates should submit a cover letter, indicating their past experience in forest management and research, along with a CV to Dr. Anil Raj Kizha (anil.kizha@maine.edu) before submitting a formal application to UMaine's Graduate School (<https://umaine.edu/graduate/apply/>). Please check the Application deadline for respective joining dates.

For more information, please contact:

Anil Raj Kizha., PhD.

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