

Postdoctoral Research Associate Position in Quantitative Forest Ecology

Position description:

Purdue Forest Advanced Computing & Artificial Intelligence (FACAI) Lab is seeking applicants for a Postdoctoral Research Associate Position in quantitative forest ecology. The successful candidate is expected to train and validate machine learning models to quantify and map tree species distribution for various applications.

Desirable starting time is May 2021, but can be flexible.

Benefits: The successful candidate will receive an annual compensation of ca. US\$47,500 with benefits. Initial appointment is for 12 months, with additional support available pending satisfactory performance.

Qualifications: A Ph.D. degree in ecology, data science, or related fields is required. Candidates will be evaluated based on the following criteria:

- Strong quantitative skills, and oral and writing proficiency,
- Strong research background in species modelling

The following is preferred but not required

- Strong background in machine learning models for structured and unstructured data,
- Experience with using high-performance computing.

Application: A single pdf file containing a) the applicant's CV, b) a Vision Statement outlining the candidate's research interests and qualifications, especially with regard to the foregoing criteria, c) two (2) representative publications/ job market paper/working papers, and d) contact information of three (3) references, should be sent to the email address listed below.

Position is now open until filled.

Contact: Dr. Jingjing Liang jjliang@purdue.edu

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Lab background: Forest Advanced Computing & Artificial Intelligence Laboratory (FACAI) employs the paradigm of Artificial Intelligence (AI) encompassing different state-of-the-art machine learning and statistical methods to study global, regional, and local forest resource management and biodiversity conservation. For more information, please visit us Forest Advanced Computing & Artificial Intelligence (FACAI) Lab (<https://ag.purdue.edu/fnr/facai/>)

Purdue University is an EEO/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply



Global Forest Biodiversity Initiative

People, Nature, World, Diversity