

Postdoctoral Fellow- Biochar Research Specialized in
Forest Economics
Auburn University

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Posted Dec. 13, 2024, set to expire Oct. 31, 2025

Job Title	Postdoctoral Fellow- Biochar Research Specialized in Forest Economics
Department	Forestry and Wildlife Sciences
Institution	Auburn University Auburn, Alabama
Date Posted	Dec. 13, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Environmental Sciences/Ecology/Forestry
Job Website	https://www.auemployment.com/postings/50354
Apply By Email	
Job Description	

Job Description Summary

The College of Forestry, Wildlife and Environment (CFWE) at Auburn University, in collaboration with the U.S. Department of Agriculture (USDA) Forest Service Forest Products Laboratory (FPL), is seeking a Post-Doctoral Research Fellow. The successful candidate will work on a research project aligned with FPL's R&D efforts under the Bipartisan Infrastructure Law Wildfire Crisis Strategy Program. Key research areas include biochar production cost analysis, assessment of economic and environmental benefits, market analysis for biochar, and investigating stakeholder knowledge and attitudes. The role also involves coordinating field experiments with contractors, managing data collection, and collaborating closely with team members and stakeholders. This is a grant-funded position with an initial two-year appointment, including fringe benefits, and potential for extension based on performance and funding availability. The preferred start date is negotiable, with the position

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available as early as January 14, 2025.

Minimum Qualifications

- A Ph.D. in Forest Economics, Natural Resource Economics, Environmental Economics, Economics, or a closely related discipline at time of employment.
- Desired qualification includes:
- Prior research experience in designing and implementing survey instruments, conducting economic cost-benefit analyses, and applying econometric models with panel data.
- Expertise in market analysis and input-output modeling.
- A strong history of scholarly publications.
- Experience with forest production and management practices.
- Excellent communication and interpersonal skills.
- Multitasking effectively and collaborating with diverse teams.
- Proficiency in relevant software tools, including SAS, STATA, MATLAB, R, or Python.
- The candidate selected for this position must be able to meet eligibility requirements for work in the United States at the time of appointment and continue working legally for the proposed term of employment.

Desired Qualifications

- Expertise in designing and implementing survey instruments.
- Proficiency in economic cost-benefit analysis and econometric modeling with panel data.
- Strong skills in market analysis and input-output modeling.
- Exceptional interpersonal and teamwork abilities.
- Advanced computational and analytical capabilities.
- Effective time management and organizational skills.

Special Instructions to Applicants

All applicants must submit a) a cover letter of interest presenting qualifications for this position and research interests, b) a current CV or resume, and c) names, contact information and institutions of three professional references, d) research statement limited in 2 pages relevant to this program, e) copies of all academic transcripts from bachelor's degrees to the latest higher degrees. Review of applications will begin January 2025. Only complete application materials will be considered. Salary will be commensurate with the education, experience, and skill background. For more information, please contact: Dr. Chen Ding at czd0084@auburn.edu.

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Contact Information

Please reference Academickeys in your cover letter when
applying for or inquiring about this job announcement.

Contact

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