Postdoctoral Researcher in Forest Tree Reproductive Ecology under Climate Change

Extent of employment: 40 hours per week
Duration of employment: 1 February 2026 (flexible) – 31 January 2028 (2-year contract, with possible extensions of up to 4 years)
Workplace: Forest Biology Center, Adam Mickiewicz University, Poznań, Poland
Gross monthly salary: 140 000 PLN per year

About the Forest Biology Center

The Forest Biology Center at Adam Mickiewicz University in Poznań is a leading research group exploring how global change reshapes the dynamics of forest ecosystems. We investigate the drivers and consequences of tree reproduction and regeneration, with particular focus on mast seeding, seed–consumer interactions, and the climatic sensitivity of reproductive cycles. Our research combines long-term forest monitoring, large-scale field experiments, and advanced statistical modeling to uncover the mechanisms linking tree physiology, climate variability, and ecosystem feedbacks. Current projects address how warming alters variability, synchrony, and mean seed production, how changing masting patterns influence food webs and regeneration, and how interactions among species mediate forest resilience. Working at the interface of plant ecology, population biology, and global change science, the Center is recognized internationally for pushing the boundaries of how we understand forest reproduction under climate change. Our work spans multiple spatial and temporal scales, from individual trees to continental patterns, and integrates ecological theory with applied questions about the future of temperate and boreal forests.

Read more: https://forestbiologycenter.amu.edu.pl/

Position overview

We invite applications for a Postdoctoral Researcher to join our team. The successful candidate will lead an independent research project on tree reproduction under changing climatic conditions, collaborate with center scientists, and contribute to knowledge transfer and outreach activities. Plenty of research avenues await; we will tailor one to your interests and skills. Scope for developing own research ideas within broad subject of forest ecology is also included.

Responsibilities

We will tailor your work to your interests, skills, and goals. That can include:

- Design and conduct experimental and field-based research on tree reproductive ecology under climate change scenarios
- Analyze large ecological datasets (e.g. MASTREE+, Polish Harvest Data) using R or comparable platforms; develop new analytical pipelines as needed
- Prepare and submit manuscripts to high-impact, peer-reviewed journals
- Present results at national and international scientific conferences
- Organize and participate in outreach and science-communication activities aimed at both specialist and general audiences

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Required skills and qualifications

- PhD (awarded by start date) in Biology, Ecology, Forestry, or a closely related discipline
- Proficiency in English (spoken and written)
- Demonstrated expertise in forest ecology, plant reproductive biology, climate-change research, or adjacent fields
- Track record of publications in internationally leading journals, commensurate with years of post-PhD experience
- Advanced data-wrangling and statistical-analysis skills for large ecological datasets in R or a similar environment

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Application procedure

Please submit the following documents as a single PDF file:

1. **Motivation letter** (max. 1 page), describing your research interests, career goals, and fit for this position
2. **Curriculum vitae**, including publication list and details of research experience

Send your application to:

Michał Bogdziewicz
Email: michalbogdziewicz@gmail.com

Deadline for applications: Please apply by **31 October 2025**. Late applications may be considered until the position is filled.

Adam Mickiewicz University is committed to diversity and inclusion. We encourage applications from all qualified candidates, regardless of gender, nationality, ethnic or social origin, religion, sexual orientation, disability, or age.