



FOREST ANALYTICS AND MANAGEMENT LABORATORY

Ph.D. position in Digital Forest Management

Now accepting applications from qualified candidates for a four-year, fully funded Ph.D. position in Digital Forest Management at the University of New Brunswick, Faculty of Forestry and Environmental Management.

The position will focus on investigating the costs and benefits of implementing 'ecological forest management' across large landscapes in Atlantic Canada. More specifically, the candidate will leverage cutting-edge digital technologies in land inventory, predictive modelling, optimization, and trade-off analyses to study the effects of ecological forest management on forest conservation, adaptation to climate change, and resource economics.

This is a joint project between the University of New Brunswick and the [Ecological Forestry Research Initiative \(EFRI\)](#). The program will begin in Fall 2026 and consist of up to four years of support, with a minimum of \$35,000 annual stipend with the opportunity to apply for additional local scholarships and bursaries. Pay may also be augmented by teaching assistantships depending on availability.

Qualified candidates should have a Master's degree in forestry, forest ecology or a related discipline. Strong experience in python and R programming is required.

The process for admission to graduate studies in the Faculty of Forestry and Environmental Management is described at <https://www.unb.ca/fredericton/forestry/graduate-programs>.

UNB is committed to creating an [inclusive environment](#) in which to study and work. If you are interested in this position please send your CV and a one-page cover letter detailing your past research and programming experience to [Dr. Anthony Taylor](#) (anthony.taylor@unb.ca).

Application review will begin **March 12, 2026** and the position will remain open until filled.