

Postdoctoral position in Forest Biodiversity in the Department of Renewable Resources, University of Alberta, Canada.

We are seeking an individual interested in forest management, biodiversity and ecosystem function to conduct postdoctoral research on 1) synthesis of integrated datasets (plant diversity, forest structure, CWD) from new field research comparing managed and wildfire disturbed forests, and 2) synthesis of long-term integrated datasets from the large-scale EMEND forest biodiversity experiment (<https://tinyurl.com/3ece2b6h>).

The successful candidate would assist with student mentoring of research comparing the structure and function of fire skips and harvest residuals with a view to informing retention practices in support of forest biodiversity. The ideal candidate is also interested in working with a breadth of datasets (structure, biodiversity) to develop synthetic perspectives on results from the EMEND experiment. Design of additional research by the candidate that complements their interests will be encouraged. The lab is exceptionally well equipped with recent additions of a drone platform (lidar, multispectral), TLS and microclimate monitoring. The position is planned for an initial term of 2 years with a third year possible and annual extensions granted based on progress towards agreed upon goals. Funding to support travel for field research and communication of research results at conferences will be provided.

Qualifications: highly collaborative individual, strong quantitative and writing skills, Experience analyzing forest biodiversity, carbon, productivity, or structure data, knowledge of ecosystem multifunctionality, knowledge of remote sensing. A strong publication record is desirable.

We offer a competitive salary and health and supplemental benefits (<https://tinyurl.com/2ez9vmur>). The City of Edmonton maintains an affordable cost of living with a high quality of life.

We especially encourage individuals from underrepresented groups to apply.

Interested candidates should send a motivation letter and CV to Dr. Charles Nock (nock@ualberta.ca) for more information.