

PARTTIME POSITION
Soil Health for Resilience Agroecosystems



Contact and Supervisor:

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There is a part-time research position working on developing new manuscript drafts focusing on soil health topics for journal publication. Methods such as meta-analysis, modelling and/or literature syntheses will be learned and utilized in developing and delivering these research articles, with the advice and overseeing of an international team of science collaborators.

This research position can be completely undertaken remotely, without any in-person presence on university campus. Flexible hours apply in this position; while it is necessary to attend online meetings with science collaborators at times to be agreed (about 3-5 times every month).

The review of applications will begin as documentation is received, and will continue until the position is filled. A recent PhD, MSc or undergraduate can be a suitable candidate for this role.

Timeline for this job position:

This position can span for up to nine months depending in part on the applicant's availability and performance.

- Start date: as early as October 1st 2023 (December 1st 2023 at the latest)
- End date: up to end of June 2024 (or as early as end of February 2024).

Salary for this job position:

This is a part-time research position with an available salary of CAD 2,000 per month.

Responsibilities, Abilities and Goals:

- Identifying robust indicators of soil health that can enable a quantitative baseline as well as the pursuing of soil health improvements by practising sustainable land management.
- Identifying future research gaps, challenges
- Strong writing, literature search, organizational and time-management skills
- Open to learning and applying new approaches to develop new manuscripts to contribute to subject literature, including meta-analysis, modelling and/or literature syntheses.

Other assets:

- Knowledge of soils, plants as well as water, nitrogen and carbon cyclings,
- Computer skills
- Proactive, flexible, dedicated, well-centered, responsible,
- A teamwork aptitude — ability to work independently and with others,
- A desire to deliver, share and present results in public,
- Open to undertake scientific approaches and to engage intense numerical analyses, data interpretation and writing up of publications.

We welcome documentation from any applicant with strong work ethics and decisive interest in this research endeavor.

Interested candidates can submit a CV, a short letter describing their previous work, relevant experience, availability and interests (1-page), and the names and contact information of at least two references to the e-mail gbernand@ualberta.ca

Review of applications will start as they arrive or as early as September 11th.