



Post-Doctoral Fellowship in Agricultural Micrometeorology

Position Description: The Post-Doctoral Fellow (PDF) will participate in an exciting multidisciplinary research project supported by NSERC/SSHRC that aims to determine how different land management strategies contribute towards net-zero and sustainability goals in the Eastern Prairies of Canada. Specifically, the PDF will lead the establishment of a network of eddy flux towers to evaluate carbon and water budgets/dynamics of different perennialization strategies that encompass a range of ecological intensification practices in central Manitoba. The PDF will be supervised by Dr. Henrique Carvalho and will work in close collaboration with the other faculty members leading the project. The PDF will have the opportunity to mentor graduate and undergraduate students. Professional development activities including participation in conferences and publication of research results will be supported. Anticipated start is in the Fall of 2024.



Photo: A. Taylor

Requirements: Ph.D. degree with a focus in biometeorology or related discipline. Experience with field research, micrometeorological instrumentation, and data analysis are desired. The successful candidate must demonstrate the ability to independently lead research projects and publish in peer-review journals.

Support: Funding for this position is available for 4 years and include benefits in addition to salary.

Contact Information: For further inquiries about this opportunity or to apply for this position please contact Dr. Henrique Carvalho at henrique.carvalho@umanitoba.ca.

Application: Candidates must submit a CV, cover letter, and two professional reference contacts.

The University of Manitoba is committed to the principles of Equity, Diversity, and Inclusion and to promoting opportunities in hiring for systemically marginalized groups who have been excluded from full participation at the University and the larger community including Indigenous Peoples, women, racialized persons, persons with disabilities and those who identify as 2SLGBTQIA+ (Two Spirit, lesbian, gay, bisexual, trans, questioning, intersex, asexual and other diverse sexual identifies). All qualified candidates are encouraged to apply.