

## **MSc Position in Agrometeorology**

Department of Soil Science, University of Manitoba

A MSc position is available (**subject to funding**) for a motivated candidate to work in the area of agricultural meteorology. The student will work on a project entitled “Development of a canola germination/emergence and phenological stage calculator for climate-smart canola production in Western Canada”. The aim of the study is to develop a weather-based canola germination/emergence and crop stage calculator as well as a web-based online viewer (dashboard) to help producers with accurate timing of field activities for climate-smart sustainable canola production in a changing climate. The study will utilise data that were collected from 2014 to 2017 across Western Canada (Manitoba, Saskatchewan and Alberta), as well as additional data to be collected in 2022 and 2023. The student will have the opportunity to work with partners at the University of Manitoba and Agriculture and Agri-Food Canada, Science and Technology Branch (Regina) and industry. The work will involve conducting field research and phenological modelling. Candidates should have an interest in agrometeorology and crop phenology modelling, have completed a bachelor’s degree in soil science, agronomy environmental science, or a related discipline. Modelling and or field experience is an asset.

The position will be based in the Department of Soil Science, University of Manitoba with an anticipated start date of May 2022. The position comes with a stipend of \$20,000 per year. Reviewing of applications will begin immediately. Interested candidates should contact Dr. Manasah Mkhabela ([Manasah.Mkhabela@umanitoba.ca](mailto:Manasah.Mkhabela@umanitoba.ca)) for more information. To apply, send a statement of research interests and related experience, as well as a copy of your current CV.