

## **Methods and instrumentation in Biometeorology: A tour of the Agassiz eddy-covariance system, UBC Climate Station, and Biomet Lab**

Speaker: **Patrick Pow**, PhD Candidate, Soil Physics and Biometeorology group, Supervisor Dr. Andy Black

Date: **Friday Oct 16, 2020 3:00-4:00 pm**

### **Abstract**

The virtual tour will introduce some of the instrumentation at the UBC Climate station, an EC system, and some chamber systems in the Biomet Lab. While there will be some discussion on how the instrumentation works, the goal of the tour is to introduce some applications of instrumentation to answer questions in biometeorology, and to get participants thinking about how their studies could benefit from quantifying the environment.

### **Bio**

Pat received his BSc degree from the University of Waterloo (UW) in Environmental Science, Ecology. During his BSc, he worked with the UW Hydrometeorology Research Group and was responsible for the maintenance and data collection from remote eddy-covariance (EC) and climate stations in the northern boreal. After completing his BSc, he joined the University of British Columbia (UBC) Biometeorology and Soil Physics Group (Biomet) and completed an MSc degree under the supervision of Dr. Andy Black. He is now continuing his studies as a PhD student, using EC to measure greenhouse gas exchange over a forage field.

