Temperature and Transients: PhD Positions in Population Ecology

Kim Cuddington (http://ecotheory.uwaterloo.ca), University of Waterloo, Watrloo, Ontario, Canada

We have two graduate positions focused on developing mechanistic models that relate thermal responses to short term population dynamics (transients). Our lab uses large datasets, computational, statistical and mathematical approaches to answer questions about ecothermic invasive species, species at risk and ecosystem engineers. We are particularly interested in the role of temperature extremes, variance and autocorrelation in determining risks of invasive, extinction and ecosystem impacts.

Positions to begin January 2022, but a remote start is possible depending on travel restrictions at that time. We provide four years of funding for students in a PhD program.

Please send an inquiry email providing an unofficial transcript, a brief statement of research interests in ecology, and contact information for three references (kcuddingATuwterlooDOTca). The application for graduate studies is here (https://uwaterloo.ca/graduate-studies/application-admission/apply-online), but please contact me directly regarding the deadlines.