PhD opportunity: environmental DNA modelling of alpine lakes

We are seeking a highly motivated candidate to conduct research at the intersection of ecology and statistics to model environmental DNA (eDNA) in alpine aquatic systems of the Chic-Chocs Mountains (Québec, Canada).

The successful candidate will be co-supervised by Guillaume Blanchet (Université de Sherbrooke), Louise Chavarie (The Norwegian University of Life Sciences) and Olivier Morissette (Ministère de la Forêt, de la Faune et des Parcs du Québec).

In addition, the successful candidate will be an integral part of the CRÉA-CC project, which stems from a collaboration between the Mi'gmaq and Maliseet Aboriginal Fisheries Management Association, on whose traditional territories this work takes place, the Canadian Mountain Network (www.canadianmountainnetwork.ca), the Ministère Forêt, Faune et Parcs du Québec and the Société des établissements de plein air du Québec (SÉPAQ).

The ideal candidate will have a Master’s in biology, biostatistics or statistics, knowledge in spatiotemporal modelling, a good knowledge of the R statistical language and a strong interest in aquatic ecology.

Interested candidates should contact Guillaume Blanchet (guillaume.blanchet@usherbrooke.ca) with the following information:
- Letter of interest (1 page max)
- CV
- Transcripts (unofficial accepted)
- Contact details of three references

We are committed to fostering a culture of inclusion. As such we invite and encourage applications from all qualified individuals, including traditionally underrepresented groups (especially indigenous students because a main participant in this project is the Mi'gmaq and Maliseet Aboriginal Fisheries Management Association), who can contribute to a more diverse team.

The review of applications will begin on June 1st 2022 and will end when the position will be filled.