



Université du Québec
à Chicoutimi

Postdoctoral Fellowship in spatial analysis

We are recruiting a post-doctoral research scientist for the spatial characterization of tree growth by the integration of spatially-continuous variables. The selected candidate will be based at the Université du Québec à Chicoutimi (QC, Canada) and will participate to a project involving academic and governmental scientists aiming to (1) describe the spatial pattern of tree phenology and radial growth across the boreal forest of Quebec, (2) identify and quantify the effect of climate on these patterns, (3) construct spatially explicit models of radial growth. Within this scope, opportunities exist to develop and explore new challenging research questions of interest. This position offers an exciting opportunity to lead a research activity, demonstrate your quantitative skill, build international collaborations, and publish in high impact journals.

We are seeking applicants with a PhD in forest sciences, geography or other related disciplines associated to a demonstrated experience in plant ecology or ecophysiology. Competitive applicants must have a demonstrated knowledge in geomatics and GIS environment (ArcGIS or QGIS), experience in programming (R or Python) to manage big datasets, ability to interact and collaborate with other scientists and students, record of publication in the peer-reviewed literature as a first author, self-motivation, critical thinking and communication skills. Fluent written and oral English is required.

We expect that the selected post-doctoral scientist (1) develops his/her own research activity in an autonomous and independent way, (2) works in collaboration and stimulates critical discussions with the colleagues of the project, (3) creates scientific manuscripts based on the results of the research, (4) provide enthusiastic guidance and assistance to the students carrying out related works.

This position will remain open until a suitable candidate is found. Beginning: as soon as the position is filled. The stipend, set at \$ 43,000 per year (including employer fees), can be enhanced with satisfactory performance. The stipend is guaranteed for one year, with possibility of extension for a second year. Funding is available for travel costs to attend project-related team meetings and conferences.

Interested applicants should contact Sergio Rossi (sergio.rossi@uqac.ca) by sending the candidature in form of a single pdf including (1) a cover letter explaining how the skills required for this position are met, (2) a complete CV, (3) transcripts of master and PhD, and (4) names and contact information for three references.

More information on the lab activities is available at www.cef-cfr.ca/index.php?n=Membres.SergioRossi