Ph.D. project in PLANT BIOGEOGRAPHY

I am looking for an accomplished and motivated Ph.D. student to study vegetation across edges using remote sensing. The project would begin in 2026 in Geography in the Applied Science program at Saint Mary's University, Halifax, Nova Scotia.

Research will focus on assessing patterns of vegetation structure across forest edges using LiDAR and drone imagery. Methods could also include field data collection, spatial pattern analysis and meta-analysis. Comparisons could be made with field data already collected at study sites across Nova Scotia at edges of fires, harvested areas, coastal areas and spruce budworm outbreaks. Expanding the study beyond Nova Scotia is also possible. Results could be linked to conservation, climate change or species at risk.

Saint Mary's University is committed to an environment that is inclusive, equitable and dedicated to embracing global perspectives. All enquiries are welcome. This project can be made more accessible by omitting field data collection.

If you are interested, please send a cover letter, cv and unofficial transcript to:
Karen Harper, Adjunct Professor, Saint Mary's University
Forest Edge Research Network (FERN)
Karen.Harper@smu.ca
https://www.karenharperifern.com