

# M.Sc. project in PLANT COMMUNITY ECOLOGY (Forest edges)

I am looking for an accomplished and motivated M.Sc. student for study on vegetation structure at forest edges. The project would begin in 2020 in the Masters in Applied Science program at Saint Mary's University in Halifax, Nova Scotia.

Possible study sites are in Brazil (in the Atlantic Forest near Rio de Janeiro or São Paulo) or in Nova Scotia (e.g., Kejimikujik National Park or Cape Breton).

Possible research topics include (but are not limited to):

- development of forest edges next to regenerating pasture in Brazil,
- patterns of structural diversity in heterogeneous landscapes,
- global synthesis of edge influence on vegetation.

Methods could include field data collection, spatial pattern analysis, meta-analysis, LiDAR or drone imagery. Results could be linked to conservation, climate change or species at risk.

If you are interested in research on the edge, please contact:

Karen Harper, Adjunct Professor, Saint Mary's University  
Forest Edge Research Network (FERN)

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