

# Title

## Project Personnel

- List of people involved, including an estimate of the number of technicians (if any)

## PI Contact Information

- Eric Escobar-Chena ([eescobarchena@ufl.edu](mailto:eescobarchena@ufl.edu))
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## Research proposal (1500 words max):

- (a) Description of research, including type of sampling and description of any type of manipulation (even if minor)
- (b) Number and location of study areas, including a map of proposed sites and their relation to ongoing studies
- (c) Potential impacts on corridor plots and ongoing studies
- (d) Study duration
- (e) A plan for how the study will be cleaned-up
- (f) Funding sources (if applicable)
- (g) Plan for making storing data on a publicly accessible repository (e.g. Environmental Data Initiative (EDI), Dryad, etc.)

## Notes from conversation with Julian:

1. Low-hanging fruit: Effect of connectivity on (a) species and functional group diversity and abundance
2. Next level: Movement & Dispersal. There are large areas of forest where it is possible to capture beetles for Mark-Release-Recapture (MRR) experiments.
3. Higher-risk, Higher reward (even if they don't go in MS, can be set-up for potential PHD projects): Experiments on Ecosystem Services
  - dung burial, decomposition, soil properties based on results of 1 & 2 (buckets with dung and beetle assemblages)
  - gas (e.g., methane) emissions
  - seed dispersal/burial/germination