




Edgar Wiggin Francisco V

Ph.D. Student in Earth System Science, admitted Autumn 2023

 Curriculum Vitae available Online

Bio

BIO

I research how land use change affects species interactions, invasions, and biodiversity in tropical forests. I primarily work with reptiles and amphibians to investigate the following questions:

How can we integrate habitat requirements for vulnerable and range-restricted species into the agroecological matrix?

How do evolved ecological constraints mediate species' vulnerability or resiliency to anthropogenic disturbances?

How can land use change influence biological invasions?

Currently, my research is part of a grander effort to understand the social and ecological consequences of expanding oil palm agriculture in Costa Rica. I am additionally interested in sustainable agriculture, food sovereignty, and the political ecology of agribusiness in Latin America.

Teaching

COURSES

2020-21

- Introduction to Earth Systems: EARTHSYS 10 (Aut)