


Stanford



Collin Gross

Postdoctoral Scholar, Biology

 Curriculum Vitae available Online

Bio

BIO

I am an ecologist primarily interested in patterns and processes of biodiversity and community assembly. I am curious about the functional, historical, and evolutionary processes that act to bring species together in space and allow them to coexist. My past work has largely examined these questions in seagrass systems, focusing on assemblages at the scale of meters to multiple continental coastlines. In the Daru Lab, I plan to leverage large sets of organismal distribution data to answer questions about how functional traits and species interactions shape regional biotas, and develop tools to visualize and analyze these assemblages in space.

STANFORD ADVISORS

- Barnabas Daru, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Extending trait dispersion across trophic levels: Predator assemblages act as top-down filters on prey communities** *ECOLOGY*
Gross, C. P., Stachowicz, J. J.
2024: e4320