



Hilary Brumberg

Ph.D. Student in Environment and Resources, admitted Autumn 2024

Bio

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Hilary Brumberg (she/her) is a PhD student in the Emmett Interdisciplinary Program in Environment and Resources (E-IPER) at Stanford. She is an interdisciplinary environmental scientist, conservation practitioner, and National Science Foundation Graduate Research Fellow (NSF GRFP) with extensive experience researching and implementing Natural Climate Solutions (NCS) across the tropics. She studies socioeconomic, financial, political, and ecological dimensions of NCS implementation. Hilary spent four years managing community-based restoration projects while living at a research station deep in the Costa Rican rainforest, originally as a Princeton in Latin America Fellow. She has consulted for diverse international conservation organizations, including The Nature Conservancy (TNC), World Wildlife Fund (WWF), and the Governors' Forest and Climate Task Force. Her work has been featured in National Geographic, Living on Earth on NPR, Mongabay Latam, and NASA DEVELOP. Hilary holds an M.S. in Environmental Studies with a Data Science Statistics Certificate from the University of Colorado Boulder as a USDA NNF Fellow, as well as a B.A. in Earth Science and Spanish from Wesleyan University.

Publications

PUBLICATIONS

- **Global literature review and survey of implementation constraints on natural climate solutions.** *Nature communications*
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- **Opportunities to advance sustainable national-level food systems transformations: A case study comparing Brazil, Colombia, Kenya, and the United Arab Emirates** *FRONTIERS IN SUSTAINABLE FOOD SYSTEMS*
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- **Increasing Forest Cover and Connectivity Both Inside and Outside of Protected Areas in Southwestern Costa Rica** *REMOTE SENSING*
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- **Arboreal wildlife bridges in the tropical rainforest of Costa Rica's Osa Peninsula** *FOLIA PRIMATOLOGICA*
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- **Riparian buffer length is more influential than width on river water quality: A case study in southern Costa Rica.** *Journal of environmental management*
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