

Ingrid Alisa Margaret Ackermann

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Education

Christ Church College, Oxford University 2025

- Graduate Candidate for Master of Science in Environmental Change and Management

Stanford University – 3.98 GPA 2024

- Undergraduate Transfer Candidate for Bachelor of Science in Environmental Systems Engineering; Coastal Systems track
- 2024 Doerr School of Sustainability Dean’s Award for Academic Achievement

Research & Work

Stanford Sustainability Accelerator Present

Project Member and Writer

- Joined core team of 5 academics, together we have conducted ideation, a grant application, established a broader team of 12 academics, and now conducting proposed work and planning a fall workshop
- Interviewing industry experts to conduct landscape analysis of monitoring, reporting, and verification for marine carbon dioxide removal, specifically to determine Stanford’s role in the space

Stanford Hopkins Marine Station Present

Undergraduate Researcher

- Studying hydrodynamics of filtration in rorqual whales, addressing knowledge gaps around a remarkably efficient filtration system, under Professors Mark Denny and Jeremy Goldbogen
- Designed and constructed a flume to conduct experimental biology research, currently processing data and writing a paper for publication

Ebb Carbon Summer 2023

Summer Remote Researcher

- Interviewed ocean modeling experts to understand the state of the field
- Compiled a guide on ocean climate models most relevant to ocean alkalinity enhancement
- Crafted memo recommending an ocean modeling pathway to study OAE impacts before in situ experiments
- Consulted leadership team through a presentation on the results of my literature review and interviews

Stanford Doerr School of Sustainability Summer 2022

Summer Undergraduate Research Fellow

- Conducted in-person interviews with 17 Palauans from various socio-economic classes and professions to assess the cultural implications of assigning fiscal value to natural ecosystems
- Collaborated with Jenn Gibbons, co-founder of the Palau Pledge, on how the interview results could inform potential plans for Palau’s environmental protection actions, such as monetizing Palau’s Exclusive Economic Zone to raise conservation funding

Organizations and Activities

Stanford Graduate School of Business

Case Study Author

2022 – 2024

- Wrote and published “Intersections in Paradise: Economics and Sustainability in Palau 2024,” a case study requested by Professor William Barnett to be used for instruction
- Addressing Palau’s concurrent economic westernization, marine biodiversity loss, and policy initiatives

Podcast Co-Host

2022 – 2023

- Attended bi-monthly conferences at the Graduate School of Business and co-hosted summary podcasts with Professor William Barnett
- Search “Stanford Initiative on Business and Environmental Sustainability” for official podcasts

Pebble Beach’s Spanish Bay Club

2023 – Present

Volunteer Lecturer

- Offering lectures every second month on local oceanography, marine geopolitics, climate change, deep-sea mining, etc. to audience of 30 professional and retired club members