Stanley **Tan**
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Education

Doctor of Philosophy   Yale University and New York Botanical Garden
Tropical Forest Ecology, Plant Genomics   *2024 – 2029 (expected)*

Bachelor of Science (First Class Honours)   National University of Singapore
Environmental Studies and Life Sciences   *2020 – 2024*

Professional Experiences

Yale School of the Environment   *May 2025 - Present*
Research Computing and Data Office Assistant   *USA*

- Develop and maintain Office's GitHub Page as a hub of resources for computational research needs, serving graduate students and staff at the Yale School of the Environment.
- Run workshops and working sessions for students and scholars to introduce their research findings or new software/programming tools to the research community.

Yale Center for Environmental Law and Policy   *August 2024 – May 2025*
Research Assistant   *USA*

- Designed quantitative indicators to assess global diversity loss arising from land use change for the Global Commons Stewardship Index Project, including phylogenetic diversity, species richness and abundance.
- Sourced for open data and developed data analysis pipeline to integrate data spanning various taxonomic levels and land use change categories, clustered using partitioning around medoids.

United Nations Climate Change Secretariat   *May 2024 – September 2024*
Adaptation Division Policy Researcher   *Singapore*

- Led research on thematic interlinkages between food security and other environmental challenges, including freshwater security, biodiversity conservation, and sustainable finance; covering 10 themes to provide insights on how adaptation policies can build inter-thematic synergies for greater efficacy.
- Spearheaded focused review of over 40 countries' adaptation policies in agriculture and forestry sectors using national policy documents to present recommendations to policymakers and UNFCCC.
- Work directly with high-level government officials from partner countries to identify policy interventions.

Eco-Business   *January 2024 – May 2024*
ESG Intelligence and Partnerships Executive   *Singapore*

- Conducted sectoral analysis and prepare curriculum materials to deliver insights on industry trends in sustainable finance, carbon markets, and sustainability reporting for Eco-Business clients and internal teams, including C-Suite executives, civil servants of Government of Singapore, and industry leaders.
- Established Eco-Business presence and programmes across the Asia Pacific region by organising flagship events such as The Liveability Challenge, and sustainability or carbon finance training workshops.

Awards, Grants and Honours

- Leitner Reilly Fund Award (Yale University, 2025)
- Senior Fellow Ambassador (Southeast Asia), Quad Fellowship (Appointment from 2025-2026)
- Early Grant Award (Yale Institute of Biospheric Studies, 2025)
- Yale-NUS Club, Hub Ambassador for New Haven (Appointment from 2025-2027)
- Council of Southeast Asian Studies Fellowship (Yale University, 2025)
- MacMillan Center Pre-Dissertation Research Grant (Yale University, 2025)
- Quad Fellowship (Institute of International Education, 2024)
- Lewis B Cullman Fellowship (New York Botanical Garden, 2024)
- Denison Graduate Fellowship (Nomination, Cornell University, 2024)
- Wu Hsioh Kwang Family Study Scholarship (National University of Singapore, 2020-2024)