Stanley Shixuan **Tan**

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Education

Doctor of Philosophy	Yale University and New York Botanical Gardens
Tropical Forest Ecology and Computational Biology	*August 2024 – May 2029 (expected)*

Lewis B Cullman Fellowship

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

Professional Experiences

United Nations Climate Change Secretariat	*May 2024 – August 2024*
Adaptation Division Graduate Researcher	*Singapore*

- Spearhead focused review on adaptation policies in agriculture and forestry sectors of developing countries, using both nationally determined contributions and national adaptation plans materials, to provide high-level recommendations to policymakers and analysts at UNFCCC and governments.
- Work directly with government officials from developing countries to review and enhance climate change adaptation national policies for agriculture and forestry sectors for ecosystem resilience.

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

- Conduct industry and market analysis to develop and deliver ESG training curriculum materials for Eco-Business clients and internal teams, including C-Suite executives, civil servants, and industry leaders.
- Establish Eco-Business presence and programmes across the Asia Pacific region through flagship events such as The Liveability Challenge, and sustainability or carbon finance training workshops.

Yale Center for Business and the Environment	*August 2022 – December 2022*
Writer, Conservation Finance Network	*New Haven, Connecticut, US*

- Analysed the socio-political benefits and implications of voluntary carbon markets, with a focus on nature-based carbon projects and jurisdictional programmes, on indigenous communities stewarding ecosystems.
- Authored an article for the Center to communicate the insights shared by thought leaders from different sectors of the voluntary carbon market ecosystem.

Climate Impact X	*January 2022 – May 2022*
Technical Analysis and Commercial Operations Intern	*Singapore*

- Spearheaded technical industry research on carbon accounting methodologies and crediting standards of major credit registries such as Verra for forestry and agricultural land management projects.
- Modeled future supply and demand volumes for emerging types of carbon offset projects, including jurisdictional and nested REDD+, biochar removals, and bioenergy with carbon capture and storage.
- Managed carbon marketplace and exchange customer engagement life cycle, including non-disclosure act delivery, onboarding assistance, and advising on offset acquisition and listings.

Awards, Grants and Skills

- Awards and Nominations: Cullman Fellowship (Yale University and New York Botanical Gardens, 2024, accepted); Cornell Denison Graduate Fellowship (Most competitive applicant with greatest potential to promote excellence in research in the plant sciences, declined nomination); Cornell Fellowship (Top 20% PhD applicants, declined award); Association of Southeast Asian Nations Young Leaders Summit Best Delegation Award (2021); Wu Hsioh Kwang Family Award (2020-2024).

Skills

- Skills: Microbiology and Bioinformatics Techniques; Field Experiments and Surveys; Policy and Market Research for Corporate and Government; Strategic Planning and Communications.
- Languages: English (Fluent); Mandarin (Fluent).