

Tiichám Partners

<u>Team Member Name</u>	<u>Year</u>	<u>Major</u>
Member 1: Sara Perkins	2024	Master of Business Administration
Member 2: Stuti Pradhan	2025	Master of Business Administration
Member 3: Brittney Blokker	2025	Master of Business Administration
Member 4: Jennifer D'souza	2024	Master of Business Administration
Member 5: Jahnvi Upadhyay	2026	Master of Business Administration

Advisor(s): Professor Phillip Bruner

Topic Title: Harnessing Indigenous Knowledge into Climate Defense

Audience: Woodwell Climate's "Fund for Climate Solutions" fund manager

Sustainable Development Goal

- **SDG #13 – Climate Action:** Take urgent action to combat climate change and its impacts
- **SDG #14 – Life Below Water:** Conserve and sustainably use the oceans, seas and marine resources for sustainable development
- **SDG #15 – Life on Land:** Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss

Executive Summary

Over the last few decades, the whole world has witnessed an ever-accelerating destabilization of earth's climate. To our knowledge, this issue stems from rising global temperatures caused by the exponentially increasing rate of emission of greenhouse gasses since the industrialization. These increased temperatures cause ocean levels to rise and weather patterns to behave in ways as of yet unprecedented in recorded human history. The unusual weather patterns put all life on earth at risk, including human life, animal life, plant life, and more. Furthermore, the rapid decline of biodiversity disrupts terrestrial, freshwater, and saltwater ecosystems, thus exasperating the risks to life on earth. This climate destabilization also has financial impacts for human beings, which are imprudent to ignore. First, disastrous weather events cause highly expensive damage and disrupt operations in business and social services. Second, biodiversity loss impacts the production of goods that rely on natural processes to create—processes such as pollination, photosynthesis, etc. Considering this, investing in climate solutions is a vital risk management activity, rather than a philanthropic one.

At Tiichám Partners, we believe in tackling the problem of climate destabilization by harnessing indigenous knowledge into climate defense. Our methodology focuses on partnering with indigenous populations to formulate targeted, nature-based solutions. Leveraging their knowledge of the natural ecosystems in each region, we mitigate the impacts of climate destabilization caused by using unnatural methods to stimulate agricultural growth or to inhibit inconvenient natural processes—such as hazardous pesticide proliferation. Because the Tiichám Partners method collects local knowledge to create localized solutions for each customer, it has the flexibility to scale globally with ease. By hiring us to advise on climate crises, our global customers will forego disruptive industrial solutions and receive perfectly tailored project plans that leverage and bolster natural local ecosystems.