

Tyler Cobian

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EDUCATION

Master of Environmental Science and Management (June 2020)

Corporate Environmental Management Specialization

Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)

Highlighted Courses: Advanced Environmental Data Analysis, Carbon Accounting, Computing for Environmental Science and Management, Environmental Data Visualization, Life Cycle Assessment

Bachelor of Science in Business Management and Economics (June 2018)

Minor in Sustainability and Earth Systems Science

Gallo School of Management - University of California, Merced (UC Merced)

ENVIRONMENTAL ASSESSMENT PROJECTS

Client: Patagonia | Project Manager, Assessing Regenerative Organic Agriculture Impacts (2/19–Present)

- Model soil carbon sequestration and global warming potential of 4 crops within Patagonia's supply chain over a 20-year period to track soil organic carbon and net GHG impact of Regeneratives.
- Advise Patagonia and the Regenerative Organic Alliance on soil sampling techniques required by the Regenerative Organic Certification that would better track soil carbon and net GHG emissions.
- Provide strategic feedback on Regenerative practices that are optimized to build soil carbon and limit GHG emissions which will better accomplish the goals of the Regenerative Organic Certification.

Scope 1 & 2 Carbon Accounting: Night Lizard Brewing (10/2019)

- Compute scope 1 and 2 emissions for brewing operation and taproom.
- Present results in a final paper advising Night Lizard on their largest impact area.

SUSTAINABILITY & ENVIRONMENTAL RESPONSIBILITY EXPERIENCE

Environmental Research Associate – Patagonia Inc., Ventura, CA (7/19-10/19)

- Built a library of research on carbon sequestration potential of agricultural products within Patagonia's supply chain which was used by management and marketing to guide their regenerative organic program.
- Calculated the carbon footprint of Patagonia's surfboard production using the Higg Index to conclude that surfboards are a diminutive portion of Patagonia's total greenhouse gas emissions.
- Created a model in R to predict materials' water repellency after applying different PFC-free chemistries.
- Determined the social, environmental, and technical impacts of different plastics, chemistries, and bio products utilized by materials designers to empower designers to reduce material and social impact.

Sustainability Coordinator – UC Merced, Merced, CA (5/16-5/18)

- Connect and maintain relationships with different campus organizations such as housing, Greek life, and athletics to implement zero waste recycling and composting practices across campus.
- Implemented 25+ zero waste events maintaining an average diversion rate of 97%.
- Coordinated composting and recycling practices for annual campus 5k race hosting 300+ participants.
- Implemented educational demonstrations on recycling at the yearly Earth Day celebration.

Sustainability Assistant – City of Ventura, Ventura, CA (5/17-8/17)

- Composed research on Integrated Pest Management practices that inform citizens on effective ways to deal with pests in the home and garden using natural solutions.
- Established relationships with 10 local businesses to sponsor beach cleanup events.
- Collect and clean data on the City of Ventura's recycling program to better account for solar trashcan use.

SKILLS & ATHLETICS

Computer: Tableau, Higg Index, R, ArcGIS, DNDC, Microsoft Word, PowerPoint, Excel, Outlook

Athletics: 4-year member, USA Beach Volleyball team and UC Merced Men's Volleyball team (2017 Academics & Athletics Director Scholarship), 2018 FIVB U19 World Championship competitor (Porto, Portugal)