

Madeline Berger

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EDUCATION

Master of Environmental Science and Management (Expected June 2020)

Conservation Planning Specialization / Environmental Data Science Focus

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

Highlighted and Planned Coursework: Advanced Data Analysis, Population Ecology, Advanced Geographic Information Systems, Conservation Planning, Coastal Marine Ecosystems, Environmental Modelling

Bachelor of Arts in Economics | Minor in Environmental Systems and Society (June 2016)

University of California, Los Angeles (UCLA) Los Angeles, CA

Honors/Awards: Honors College, Cum Laude Latin Honors, 3.7 GPA

Leadership: **Student Leader – UCLA Green Council** (7/15–6/16): Co-instructed 80-student sustainable living lecture series course; scheduled 10 speakers and created assignments; **Team Leader – UCLA Sustainable Action Research Team (SAR)** (1/15–6/16): Analyzed environmental impact of UCLA Recreation Center, set sustainability goals and developed action plan to reduce building energy use. Won an \$80,000 grant to begin solar panel project

MASTER'S GROUP PROJECT – EVALUATING FOODWASTE AS A RESOURCE

Examining the impacts of the circular supply chain through the lens of food waste (4/19 – Present)

- Working with Apeel Sciences to evaluate the impact of sourcing food waste as an input to their product
- Developing a decision tool to help organizations evaluate whether sourcing wastes reduces environmental impacts

PROFESSIONAL WORK EXPERIENCE

Conservation International, Washington, DC (06/19 – 9/19)

Indigenous Peoples and Local Communities Intern, Moore Center for Science

- Collected legal and spatial data on indigenous and communal land rights, operationalized findings into global database and visualized data in the Amazon region using ArcGIS
- Developed novel research methodology for identifying and visualizing land rights and created technical guide
- Presented findings and maps to the Moore Center Team; work to be presented at World Bank Land and Poverty conference in March 2020

Natural Capital Project, Stanford, CA (11/17–9/18)

Research Intern (4/18 – 9/18)

- Identified, reviewed and summarized frameworks proposed by various NGOs and academics on sustainability and resilience metrics relating to the global food system
- Researched soil carbon formation and accumulation processes; synthesized findings into modelling equations

Symposium Coordinator (11/17 – 3/18)

- Reviewed and led discussion on 50 abstract submissions for session talks and posters; organized international travel and accommodation for keynote speakers
- Drafted \$20,000 scholarship budget, reviewed 80 applications, and managed communication with recipients
- Coordinated front desk at the 4-day, 300-person conference; assisted with session logistics and set up

Ex-Consultants Agency, Associate, Santa Monica, CA (6/16–9/17)

- Developed candidate search project strategy and communicated with high-level clients and candidates, prepared 1-2 kick-off documents and 2-3 client presentations per week, and managed team of 2-3 lead generators

ADDITIONAL EXPERIENCE

Conservation International, Evaluation Lead: Research and analyze the potential environmental impact of pilot project that recycles fish waste into fertilizer on Santa Cruz Island, Galapagos, Ecuador

emLab, Research Assistant: Clean and analyze spatial data for large scale farm experiment in Punjab State, India

UCSB, Graduate Teaching Assistant: Courses taught include Statistics for Economics, and Advanced Research Methods

SKILLS & CERTIFICATIONS

Language: Fluent in Spanish, English

Computer: R, ArcGIS, Google Earth Engine, Microsoft Office, GitBash, Python, Adobe Creative Suite

Certifications: PADI Open Water Diver