

# Alicia Fennell

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## *Master's Student in Environmental Science & Management*

### About me

I'm a passionate environmental professional focused on climate change solutions, effective environmental communication, and responsible data analysis and visualization. I am a detail-oriented team player with managerial experience and a commitment to learning and growing.

### Education

2019-2021 **Master of Environmental Science and Management**, *Bren School of Environmental Science & Management, University of California, Santa Barbara, Santa Barbara, CA.*

2010-2014 **Bachelor of Arts**, *University of California, Santa Cruz, Santa Cruz, CA.*

### Highlighted Coursework

- **Data:** Statistics & Data Analysis for Environmental Science & Management, Advanced Data Analysis, Geographic Information Systems (GIS)
- **Economics, Law, & Policy:** Economics and Policy of Climate Change, Economics of Environmental Management, Environmental Law and Policy, Environmental Politics and Policy, Cost-Benefit Analysis and Non-market Valuation
- **Communication:** Writing Skills for Environmental Professionals, Advanced Environmental Communication, Survey Design and Environmental Public Opinion, Equity and the Environment
- **Energy & Climate:** Energy, Technology and the Environment, Climate Change Impacts and Adaptation, Earth System Science, Life Cycle Assessment (LCA)

### Master's Group Project

2020-2021 **Evaluating the climate mitigation potential of natural and working lands in Santa Barbara County**, *Client: County of Santa Barbara, Sustainability Division. Roles: Data manager, outreach manager*, Our team estimated county-wide carbon stocks and nitrous oxide emissions, projected land use change in working lands to create a baseline scenario, modeled forecasted changes to carbon stocks and emissions through land management scenarios, engaged with local experts, and recommended realistic greenhouse gas reduction strategies to the County to incorporate into its Climate Action Plan update.

Santa Barbara, CA

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## Professional Experience

- 2020 **Research & Engagement Intern**, *Santa Barbara County Food Action Network*, Santa Barbara, CA.
- 2019-2020 **Teaching Assistant (Sociology & Biology)**, *University of California, Santa Barbara*, Santa Barbara, CA.
- 2015-2019 **Environmental Educator/Naturalist**, *Exploring New Horizons Outdoor School*, Loma Mar, CA.
- 2018 **Director**, *Life Lab Summer Camp*, Santa Cruz, CA.
- 2017 **Ecuador Trip Co-Leader**, *The Road Less Traveled*, Ecuador.
- 2015-2016 **Assistant Director**, *Life Lab Summer Camp*, Santa Cruz, CA.
- 2014-2015 **Naturalist Intern**, *Sierra Outdoor School*, Sonora, CA.

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## Additional Experience

- 2017-2019 **Community Volunteer**, *Puente de la Costa Sur*, Pescadero, CA.
- 2017-2019 **Conference Organizer**, *Pescadero Valley Conference*, Loma Mar, CA.
- 2015-2019 **Ropes Course Facilitator**, *YMCA Camp Jones Gulch*, La Honda, CA.

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## Skills and Certifications

- **Computer & Software:** Microsoft Office Suite (Excel, PowerPoint, Word), Google Workspace, R and RStudio, ArcGIS, Slack, Zoom, Trello
- **Language:** Spanish (verbal and written proficiency), English fluency
- **Certifications:** Wilderness First Responder, California Naturalist Program (2014)

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