

Rachel Rhodes

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EDUCATION

Master of Environmental Science and Management, 4.0 GPA (Expected June 2021)
Bren School of Environmental Science & Management – University of California, Santa Barbara (UCSB)
Coastal Marine Resource Management Specialization | Strategic Environmental Communication Focus

Bachelor of Arts in International Relations & Environmental Studies, 3.66 GPA (June 2012)
Tufts University, Medford, MA

MASTER'S GROUP PROJECT

Spatial Prioritization to Inform Policy Recommendations for Sharks and Rays in Mozambique (4/19–present)

Role: Project Manager | **Client:** Wildlife Conservation Society (WCS) – Mozambique

- Built a spatial prioritization model in R Studio to systemically rank areas of highest conservation priority to protect the most at-risk sharks and rays in the Mozambique Channel.
- Directed the project from initial proposal to final deliverables creating recommendations for a network of marine protected areas that ensure the long-term persistence of sharks and rays in Mozambique.
- Managed a 5-person project team by facilitating and coordinating meetings across 5 different time-zones, tracking and delegating teammate tasks, and collaboratively building model using code version control via GitHub.

ENVIRONMENTAL EXPERIENCE

GIS Conservation Intern – Wildlife Conservation Society – Mozambique, Remote Work (7/20–9/20)

- Researched and processed marine geospatial data for a Key Biodiversity Assessment (KBA) of Mozambique including data for 40 species occurrence, critical habitats, and human development threats.
- Created two digital stories using ArcGIS story maps that outlined the KBA process and provided an interactive atlas of all the sites identified to be used by the government and partner organizations to guide similar analysis in the future.

GIS Specialist | Quality Assurance Engineer – Catalyze Inc., Oakland, CA (3/18–12/20)

- Centralized hosting capacity data from 7+ utilities using ArcGIS to analyze the available capacity to add solar and battery storage projects to distribution systems.
- Collaborated with teammates using GitHub to update scripts that were used to add new and update existing spatial data and TablePlus to manage databases in Salesforce and Amazon Relational Database Services.
- Devised new software feature requirements for Salesforce and Catalyze's proprietary parcel analysis web map to enhance usability of the tool per user feedback.
- Ensured that the required product quality standards were met on a continuous basis by performing software compatibility and regression testing as new features and functionality were rolled out.

Communications & Development Coordinator | Administrative Assistant – Greater Farallones National Marine Sanctuary (NOAA), San Francisco, CA (10/15–6/17)

- Created and implemented a development plan to identify funding needs and a fundraising timeline for the upcoming year to ensure achievement of program goals.
- Authored content and designed spring and year-end appeal letters in Adobe InDesign and increased returns by 20% through a donor segmented mailing list and tailored outreach messaging.
- Managed all inbound communications, administered public meetings, and oversaw scheduling for 30+ staff including specific travel schedules and documents for 9 federal employees to ensure office ran smoothly.
- Researched and edited a 20-page literature review of the effects of unmanned aircraft systems on seabird and marine mammals to inform potential new policies implemented by National Marine Sanctuaries nationwide.

Customer Experience Manager | Senior Remote Solar Designer – Sungevity, Oakland, CA (6/12–10/15)

- Managed 150+ accounts from point of sale through solar system interconnection and advocated for customers' needs while driving home key company objectives.
- On-boarded new funding partners and centralized training materials for the customer experience team.
- Designed solar projects with proprietary modeling software to optimize output and accurately generate solar quotes with a solar production guarantee for customers; surpassed monthly targets achieving promotion within 10 months.

SKILLS, ACTIVITIES, & INVOLVEMENT

Computing: ArcGIS, R Studio, GitHub, TablePlus, Salesforce, Adobe Suite, Zoom, Slack, G-suite, Microsoft Office

Additional Work Experience: Symposium Coordinator – Beyond the Golden Gate Research Symposium (5/16–11/16); Executive Committee Co-chair – Surfrider Foundation San Francisco Chapter (9/18–9/19); Screening Committee – International Ocean Film Festival, San Francisco, CA (9/16–6/17)