

Amanda Daria Stoltz

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160 Clay st.
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EDUCATION

- University of California, Santa Cruz, Ph.D. in Environmental Studies** 2019-Present
Designated Emphasis in Coastal Science and Policy
- University of Miami Rosenstiel School of Marine and Atmospheric Science** 2018
Master of Science in Marine Ecosystems and Society
- Tulane University, New Orleans, LA** 2014
Bachelor of Arts in English with a minor in Marine Biology

RESEARCH EXPERIENCE

US Geological Survey

Social Scientist (July 2020-Present)

- Facilitated and designed focus groups with key USGS stakeholders
- Analyzed and collected qualitative data on decision support tools

NOAA Fisheries, Southeast Fisheries Science Center

Research Associate, Social Science Research Group (2018/2019)

- Led an interdisciplinary team of scientists to collect oral histories from stakeholders
- Analyzed qualitative data on the social and economic impact of Hurricanes Irma and Maria on commercial and recreational fishing industries
- Organized and facilitated focus groups, wrote reports, and designed pamphlets on the social dimensions of the yellowtail snapper fishery to inform fisheries management

Fieldwork Technician

- Completed boat-based research on the influence of seagrass structure and salinity on the recruitment of seagrass-associated epifauna using Artificial Seagrass Units

The AOML South Florida Program

Research Assistant (August 2019)

- Deployed a CTD device to help monitor ecosystem restoration efforts in south Florida
- Collected samples to measure nutrients, plankton, productivity, chlorophyll a, and dissolved inorganic carbon

Marine & Coastal Research, Corp., Miami, FL

Investigator (2016-2018)

- Designed a human-centered study to determine the resilience of coastal communities
- Independently completed in-person interviews and participatory mapping with stakeholders from diverse industries across Florida
- Wrote a report based on the collected qualitative and spatial data for the Florida Fish and Wildlife Conservation Commission

The Biscayne Bay Economic and Spatial Study, Miami, FL

Survey Team Member (2017)

- Identified and surveyed stakeholders to determine the economic value and spatial flexibility of Biscayne Bay fisheries and recreational water operations
- Used SeaSketch, a novel mapping program, to collect spatial data
- Worked in collaboration with NOAA, Florida Sea Grant, and Miami Waterkeeper

Shark Research and Conservation Program, Miami, FL

Outreach Coordinator (2016 – 2018)

- Taught classes of all ages about shark conservation and biology
- Tagged and released sharks with a team of scientists
- Researched the long-term impact of outreach events through student participant surveys

Mighty Earth, Miami, FL

Campaign Organizer (2016-2017)

- Developed a visually compelling website to disseminate information about deforestation
- Recruited volunteers for direct action events
- Gained widespread online publicity for environmental causes

Waxman Strategies, Washington, DC

Oceans Intern (2016)

- Conducted interviews of Congress staffers for The Packard Foundation
- Analyzed data and wrote fact sheets and memos

Friday Harbor Laboratories, WA

Undergraduate Researcher (2013)

- Completed a five-week fieldwork course on marine mammal and shorebird ecology
- Conducted a behavioral study of Harbor Seals (*Phoca vitulina*)

Herman, Herman and Katz Law Firm, New Orleans, LA

Assistant (2012)

- Assisted attorneys with data entry for the BP settlement
- Learned about the inner workings of environmental response compensation

HONORS & AWARDS

The UCSC Newton Drury Endowment (2020)

The CONCUR, Inc. Scholarship Award in Environmental Studies (2020)

The UCSC Blum Scholar Grant (2020)

The 2020 Edward H. and Rosamond B. Spicer Student Travel Award

University of Miami Academic Scholarship

University of Miami Propeller Club Scholarship Award

TEACHING

- Teaching Assistant and Guest Lecturer, Environmental Law and Policy, UCSC 2021
- Guest Lecturer, Caribbean Cultural, Historical, and Ecological Processes, UofA 2021
- Teaching Assistant, Environmental Policy and Economics, UCSC 2021
- Graduate Teaching Assistant, Coastal Management, University of Miami 2018
- Graduate Teaching Assistant, Fieldwork in Coastal Management, University of Miami 2018

- Educator, Shark Research and Conservation Program, University of Miami 2016-2018
- Educator, Marine Biology, The Newfound Harbor Marine Institute 2015

PRESENTATIONS

- “Communicating Managed Retreat in California” **Society for Applied Anthropology** 2021
- “Stakeholder Engagement to Inform Integrated Water Availability Assessment Data Delivery” **USGS Water Mission Area Seminar Series** 2020
- “A Comprehensive Framework for Mapping Potential Climate Change Impacts on Fisheries Socio-ecological Systems” **Western Society of Naturalists** 2020
- “Interdisciplinary Teamwork: When Social Scientists and Natural Scientists Work Together” An event hosted at the **North American Congress for Conservation Biology** 2020
- “What Unites Us Is Greater than What Divides Us: An Examination of the Yellowtail Commercial and Recreational Fisheries in South Florida” **Society for Applied Anthropology** 2019
- “Human Ecological Relationships between Natural Resource Users and Natural Resources: An Examination of the Florida Keys Yellowtail Snapper Fishery” **NOAA Southeast Fisheries Science Center** 2019
- “Determining Resilience in Cedar Key, Fort Myers Beach, and Conch Key: Fishing Industry Views on Sea Level Rise Risk and Adaptation” **Poster presentation at the Society for Applied Anthropology** 2019
- “The Power of Reputational Risk: Driving Supply Chain Transformation in the Palm Oil Industry and Beyond” **Power Shift Southeast** 2016

PUBLICATIONS

Stoffle, B. W., and **A. D. Stoltz**. 2021. “Yellowtail Snapper: Human-Ecological Relationships in the South Florida Fishery.” *The Journal of Ecological Anthropology* (forthcoming)

Dudley, Peter N.; Rogers, T.L.; Morales, M.M.; **Stoltz, A.D.**; Sheridan, C.J.; Beulke, A.K.; Pomeroy, C.; Carr, 2021. “A More Comprehensive Climate Vulnerability Assessment Framework for Fisheries Social-Ecological Systems.” *Frontiers in Marine Science* 8: 674.

Stoltz, A.D.; Shivilani, M.; Glazer, R. Fishing Industry Perspectives on Sea-Level Rise Risk and Adaptation. *Water* 2021, 13, 1124. <https://doi.org/10.3390/w13081124>

Bragg, W.K.; Gonzalez, S.T.; Rabearisoa, A.; **Stoltz, A.D.** Communicating Managed Retreat in California. *Water* 2021, 13, 781.

Turley, B., M. Karnauskas, M. McPherson, S. Sagarese, A. Rios, M. Jepson, **A. Stoltz** and S. Blake. 2021. Local ecological knowledge outlining severe red tide events between 2000 – 2019 on the West Florida Shelf. SEDAR72-DW-09. SEDAR, North Charleston, SC. 19 pp.

Stoffle, B., **A.D. Stoltz**, and S. Crosson. 2020. In the Wake of Two Storms: An Impact Assessment of Hurricanes Irma and Maria on the St. Croix and St. Thomas Fisheries. Applied Anthropology.

Karnauskas, M., M. McPherson, S. Sagarese, A. Rios, M. Jepson, **A. Stoltz** and S. Blake. 2019. Timeline of severe red tide events on the West Florida Shelf: insights from oral histories. SEDAR61-WP-20. SEDAR, North Charleston, SC. 16 pp.

Stoltz, Amanda D., "Determining Resilience in Cedar Key, Fort Myers Beach, and Conch Key: Fishing Industry Views on Sea Level Rise Risk and Adaptation" (2018). *Open Access Theses*. 729.

OUTREACH & SERVICE

Judge, 35th Annual California State University Student Research Competition	April 2021
Graduate Representative, The UCSC Environmental Studies Graduate Committee	2020-2021
Judge, 34th Annual California State University Student Research Competition	April 2020
Volunteer, Debris Free Oceans; Surfrider; VolunteerCleanup.org , Miami, F.L.	2016-2018
Videographer's Assistant, The National WWII Museum , New Orleans, LA.	Summer 2014
Fundraiser, Gulf Restoration Network , New Orleans LA.	Summer 2011
Teacher's Assistant, Sojourner Truth High School , New Orleans, LA.	Fall 2010

Skills:

MAXQDA, NVivo, ArcGIS Pro, ArcMap, StoryMap, R Statistics, Stata, Microsoft Office, Adobe Photoshop, Photography, Twitter, Facebook, WordPress, and Shorthand