

EDUCATION

University of California, Berkeley

M.C.P., City & Regional Planning
M.L.A., Landscape Architecture & Environmental Planning
GPA: 4.00

Berkeley, CA
Aug 2022 – present

University of California, Berkeley

B.A., Geography
Concentration: Economy, Society, & Environment
GPA: 3.86

Berkeley, CA
Aug 2016 – May 2019

ACADEMIC RESEARCH

Tracing the Origins and Impacts of Solar Farms in Puerto Rico

Lead, UC Berkeley in-progress thesis project

Berkeley, CA
Jan 2024 – present

- Quantitative and qualitative data collection and analysis to understand how utility-scale solar, as a dominant mode of clean energy deployment, is responsive to and reshaping Puerto Rican landscapes and lifeways, including how Puerto Ricans are confronting, conforming to, and contesting green capitalism.

Building Disaster Resilience Through Community Solar Microgrids: A Comprehensive Modeling

Kevin Otero-Ramos & Ruby Zalduondo

Berkeley, CA
Feb 2024 – present

- Used geographic information systems (GIS) to calculate, analyze, and visualize rooftop surface area to model the technical and financial feasibility of deploying a solar-powered microgrid system in Valle Dorado, Puerto Rico.

Equitable Housing Decarbonization: Implementation Approaches

Graduate Student Researcher, Turner Center for Housing Innovation

Berkeley, CA
Jun 2023 – present

- Conducted a literature review of the climate, health, housing, and energy equity implications of decarbonization program design.
- Contributing to a statewide review of decarbonization programs, revealing varied and interlocking institutional approaches to decarbonization.

Butte Creek Canal Breach's Effects on Spring-Run Chinook Salmon

Project Co-Lead, UC Berkeley River Lab

Berkeley, CA
Aug 2023 – Dec 2023

- Conducted fieldwork in Butte Creek, taking bulk core samples of the streambed to quantify the amount of interstitial fine sediment deposition following a canal breach.
- Analyzed samples to show the percent of silt and clay (<0.063mm) present downstream of the breach was significantly greater than the percent present than upstream of the breach, posing a direct threat to critically endangered Spring-Run Chinook Salmon at multiple life stages.

TEACHING

California (Geography 50AC)

Graduate Student Instructor, UC Berkeley

Berkeley, CA
Fall 2023

- Created section curriculum, lectured students in weekly section, held office hours.

Compensation Trends in the Non-Profit Housing Industry

Los Angeles, CA

Policy Intern, Southern California Association of Non-Profit Housing

Jun 2018 – Aug 2018

- Researched and analyzed compensation trends in non-profit housing developer industry.
- Analyzed emergent policy and research on non-profit housing in California.

Berkeley Forum on Access and Disability Rights

Berkeley, CA

Researcher, City of Berkeley Peace and Justice Commission

Mar 2018 – Aug 2019

- Conducted a review of accessibility and disability justice literature and policy.
- Drafted a monthly newsletter for the Subcommittee on the UN Convention on the Rights of Persons with Disabilities

PROJECTS & PAPERS (Unpublished)

- Alba Estrada López, Erica Grasberger, Ellie Reiff, Florencia Sepulveda, and **Ruby Zalduondo**. 2024. "Jeongok Wetland Park on the Hantan River." LDARCH 205. Professor Matt Kondolf.
- Sebastian Gaviria, Isobel Hayne, Dechen Santapau, and **Ruby Zalduondo**. 2024. "Pajaro River: Integrating the Upper and Lower Watersheds." LDARCH 205. Professor Matt Kondolf.
- **Ruby Zalduondo**. 2024. "Energy Infrastructure and Landscape Change in Puerto Rico." LDARCH 221. Professor Lu Liang.
- **Ruby Zalduondo**. 2024. "Post-Disaster Sustainability: Pathways to Clean Energy In Puerto Rico." CYPLAN 251/LDARCH 231. Professor Charisma Acey.
- **Ruby Zalduondo**. 2023. "Coloniality, Resistance, and Puerto Rico's Energy Crisis." CYPLAN 200. Professor Justin Hoseby.
- **Ruby Zalduondo**, Ujay Siddharth, and Kate Martella. 2023. "Addressing the Wildland Urban Interface in Alameda County: The Roles of the Housing, Electricity and Transportation Sectors." CYPLAN 214. Professor Stephen Collier.
- **Ruby Zalduondo**. 2023. "Oakland Roots: Breaking Concrete in the San Pablo Corridor." LDARCH 201B. Professor Alma DuSolier.
- **Ruby Zalduondo**. 2022. "Shade Geographies and the Inertia of Racialized Planning." CYPLAN 290. Professor Justin Hoseby.
- Alba Estrada-Lopez, Florencia Sepulveda, and **Ruby Zalduondo**. 2023. "Increasing Community Access and Hydrological Connectivity of the Salinas River in Greenfield, CA." GEOG 188. Lecturer Xihan Yao.

SELECTED PRESENTATIONS

- Carolina Reid, Yael Nidam, and Ruby Zalduondo. 2024. "Presentation of Literature Review Findings: Equity Implications for Program Evaluation". California Air Resources Board.
- Carolina Reid, Yael Nidam, and Ruby Zalduondo. 2023. "Statewide Analysis of Key Programs". Equitable Housing Decarbonization Advisory Committee.
- Ruby Zalduondo. 2022. "Introduction to the Landscape of Philanthropic Giving and Grantmaking". American Cultures Engaged Scholarship (ACES) Program.
- Ruby Zalduondo. 2021. "Reporting on Pilot Demographic Data Survey of Arts Program Grantees". Kenneth Rainin Foundation.
- Ruby Zalduondo. 2020-2022. Various presentations and workshop facilitation on reducing barriers to early childhood education. Kenneth Rainin Foundation.