

Kieren Rudge
Curriculum Vitae
University of California, Berkeley
Kieren.rudge@berkeley.edu
(914)319-3947 | [Website](#)

EDUCATION

PH.D. CANDIDATE, SOCIETY & ENVIRONMENT

Department of Environmental Science, Policy, & Management

University of California, Berkeley, 2022-Present (Expected 2027)

Dissertation: Military-adaptation Complex: Re-Shaping Shores Across the U.S. Pacific Empire

Graduate Certificate in Teaching and Learning in Higher Education

Committee: Megan Mills-Novoa, Rachel Carlson, Jake Kosek, Vernadette Vicuña Gonzalez

M.ESc., ENVIRONMENTAL SCIENCE

Yale University, 2022

Thesis: Frameworks to attain climate justice: Critical analyses of climate change adaptation planning and research

Committee: Amity Doolittle, Dorceta Taylor, Gerald Torres

B.S., ENVIRONMENTAL SCIENCE

Johns Hopkins University, 2019

Transferred from United States Naval Academy, 2017

Capstone project: Urban water systems and green spaces: Designing and implementing an experiential environmental education curriculum

PUBLICATIONS

Peer-Reviewed Journal Articles (8) (* indicates joint first authorship)

2025 **Rudge, K.** Colonialism, justice, and Indigenous knowledge: A critical analysis of climate change adaptation scholarship on U.S. territories. *Environmental Development* (2025).
DOI: 10.1016/j.envdev.2025.101353

2025 Reade-Malagueño, B.,* **Rudge, K.**,* Moss, S., D’Odorico, P.
From shallow to transformative water justice, *Water Alternatives* (2025).

- 2024** **Rudge, K.,*** Perez, S.,* Cutter, G., Kammerer V. Relocating occupation: A critical environmental justice analysis of the U.S. military migration from Okinawa to Guåhan, *Human Geography* (2024). DOI: 10.1177/19427786241290137
- 2024** Frain, S., **Rudge, K.,** Tilton, N. Democratic Deficiencies and the Price of Security: Diplomacy, Environmental Justice, and Genuine Security for Guam and the Mariana Islands, *Journal of Indo-Pacific Affairs* (2024).
- 2023** **Rudge, K.** Leveraging critical race theory to produce equitable climate change adaptation, *Nature Climate Change* (2023). DOI: 10.1038/s41558-023-01690-9
- 2021** **Rudge, K.** Participatory climate adaptation planning in New York City: Analyzing the role of community-based organizations, *Urban Climate* (2021). DOI: 10.1016/j.uclim.2021.101018
- 2021** **Rudge, K.** The potential for community solar in Connecticut: A geospatial analysis of solar canopy siting on parking lots, *Solar Energy* (2021). DOI: 10.1016/j.solener.2021.10.038
- 2021** **Rudge, K.** Changing climate, changing discourse: Analyzing reporting of climate change and economic development in the U.S. Virgin Islands, *Climate Risk Management* (2021). DOI: 10.1016/j.crm.2021.100350

Articles Under Review (1)

Wheeler, A., **Rudge, K.,** Lee, Enciso, L., Smoot, K. Affinity-Based Land Stewardship Trainings: Transforming Practice and Cultivating Empowerment for Marginalized Learners (*Submitted Feb. 2026 to Environmental Education Research*)

Articles In Preparation (3)

Rudge, K.,* Eugley, A.,* Nalau, J. et al. Identifying Gaps and Envisioning Adaptation Futures: Collaborative Insights from Early Career Researchers (*Projected Submission: Apr. 2026*)

Rudge, K. Climate Adaptation, Buildup, and a Racialized Politics of Abandonment on Guåhan: Militarizing Coastlines Now and Then (*Projected Submission: May. 2026*)

Healy, N., Surprise, K., Hooks, G., Stephens, J., **Rudge, K.**, Fariss, N., Hendlin, Y. The Military-industrial Complex as Climate Obstruction (*Projected Submission: May 2026*)

Book Chapter (Accepted, In Press) (1)

Rudge, K., US Militarization and Climate Change on Guåhan and the “Second Island Chain”: Destruction and Resistance Across an Imagined Archipelago, In Indigenous Perspectives of Adaptation, Editors S. Ratuva & J. Espesor, *Oxford Univ. Press*

Public Scholarship (10)

- 2026** **Rudge, K.**, Colonial Climate Injustice in Pacific Islands, *SAGE Video Series: Sustainability* (Filming Complete, Under Post-Production)
- 2023** **Rudge, K.** Moratoriums Aim to Prevent Deep Sea Mining from Causing Widespread Harm, *East-West Center*
- 2023** **Rudge, K.** US Marines Departing Okinawa may Threaten Critical Ecosystems in The Marianas, *East-West Center*
- 2023** **Rudge, K.** Local Communities Drive Typhoon Recovery and Climate Resilience in Guam, *East-West Center*
- 2023** **Rudge, K.** Diversity and disparities among AAPI communities in higher education, *East-West Center*
- 2022** **Rudge, K.** A colonial legacy of environmental injustice in U.S. territories, *Yale Environment Review*
- 2022** **Rudge, K.** The environmental field must value students of color, *Yale Environment Review*
- 2021** **Rudge, K.** Solar canopies need to be a part of Connecticut’s energy plan, *Energy News Network*
- 2021** Scully, M., **Rudge, K.**, Roe, D., Pelletier, B. The path to 100%: Transitioning Connecticut communities to 100% clean, renewable energy, *People’s Action for Clean Energy*
- 2021** **Rudge, K.**, Scully, M. Solar canopies in Connecticut: Siting potential, implementation guidance, and policy considerations, *People’s Action for Clean Energy*

2019 **Rudge, K.**, Environmental justice and the fight to be heard, *Vibrant Environment, Environmental Law Institute*

INVITED TALKS (7)

- 2024 **Rudge, K.**, How we adapt matters: externalities and climate justice across The Pacific, *Bay Area Youth Climate Summit*.
- 2024 **Rudge, K.**, Racialization and colonialism: structures of climate injustice across states and territories, *UC Santa Cruz Climate Coalition: Reclaim Earth Day*
- 2024 **Rudge, K.**, Environmental justice, climate change, and externalization of harm, *Department of Communication, University of California, Santa Barbara*
- 2023 **Rudge, K.**, Climate change adaptation through the lens of critical race theory, *UC Santa Cruz Climate Coalition*
- 2022 **Rudge, K.**, Hammerling, E., Hearn, P., Gazillo, C., Panel on Land Conservation and Solar Siting, *Environmental Summit, Connecticut League of Conservation Voters, Virtual*
- 2021 Zhang, X., Fisher, L., **Rudge, K.**, Xu, Y., Joint panel on climate policy, *Sino-American Youth Dialogue on Climate Change, Tsinghua University, Virtual*
- 2021 **Rudge, K.**, Changing climate, changing discourse: Climate change and economic development in the U.S. Virgin Islands, *Sino-American Youth Dialogue on Climate Change, Tsinghua University, Virtual*
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CONFERENCE PARTICIPATION

Conferences Organized (1)

- 2026 Co-Organizer, *The Oceanic Conference*, University of California, Berkeley, Berkeley, California

Papers Presented (13)

- 2026 **Rudge, K.**, Adaptation in island territories: (How) are we studying colonial climate injustice? *American Association of Geographers Annual Meeting*, San Francisco, CA

- 2026 Wheeler, A., **Rudge, K.**, The transformative potential of affinity learning spaces in land stewardship. *American Association of Geographers Annual Meeting*, San Francisco, CA
- 2025 **Rudge, K.**, Military-adaptation Complex: Problematizing the Role of the U.S. Department of Defense in Shaping Climate Change Action across the U.S.-affiliated Pacific, *Adaptation Futures Conference*, Christchurch, Aotearoa New Zealand
- 2024 Perez, S., **Rudge, K.**, et al., Challenging the buildup: A comparative analysis of environmental legal protections across militarizing islands, *American Association of Geographers Annual Meeting*, Honolulu, HI
- 2024 **Rudge, K.**, Political status and climate injustice across U.S. states and territories, *American Environmental Studies and Sciences Symposium*, Virtual
- 2023 **Rudge, K.** and S. Perez, Relocating occupation: A critical environmental justice analysis of military migration from Okinawa to Guåhan, *Pacific History Association Biennial Conference*, Deakin University, Virtual
- 2023 **Rudge, K.**, Analyzing reporting of climate change and economic development in the U.S. Virgin Islands, *Conference on Island Sustainability*, University of Guam, Tamuning Guam,
- 2022 **Rudge, K.**, Participatory climate adaptation planning in New York City: Analyzing the role of community-based organizations, *Hixon Symposium*, Hixon Center for Urban Ecology, Yale University, Virtual
- 2021 **Rudge, K.**, Climate, community, economy, and health: Reporting of climate change and intersecting issues in the U.S. Virgin Islands, *Conference on Climate and Health in Small Island Developing States*, Yale University, New Haven, CT
- 2021 **Rudge, K.**, Reporting trends on climate change and economic development in the U.S. Virgin Islands, *15th Annual Graduate Climate Conference*, University of Washington and Massachusetts Institute of Technology, Virtual
- 2021 **Rudge, K.**, Community-based solar and energy democratization: Statewide and municipal cases in Connecticut, *Low-Carbon AESS Conference*, Association for Environmental Studies and Sciences, Virtual

- 2021** **Rudge, K.**, Equitable Adaptation: Examining the Inclusivity of Participatory Climate Planning Processes in New York City, *Bren Environmental Justice Symposium*, University of California Santa Barbara, Virtual
- 2021** **Rudge, K.**, The potential for community-based solar in Connecticut: A geospatial analysis of solar canopy siting on parking lots, *New Horizons in Conservation Conference*, Yale University, Virtual

GRANTS & FELLOWSHIPS

- 2026** Dissertation Fellowship, Center for Engaged Scholarship (\$40,000)
- 2026** Asian American Research Center Graduate Fellow, Institute for the Study of Societal Issues
- 2025** Asian American Research Center Graduate Fellow, Institute for the Study of Societal Issues (\$15,000)
- 2025** Chancellor's Advisory Committee on Student Services and Fees (CACSSF) Discretionary Fund: Native Seas Workshop Series (*CPISC Co-authored*) (\$30,582)
- 2025** Big C Grant: Oceanic Conference (*CPISC Co-authored*) (\$6,540)
- 2025** 2025-2026 The Green Initiative Fund: Island Justice Fellows Program at the Critical Pacific Island Studies Collective (*CPISC Co-authored*) (\$34,500)
- 2025** Lau Graduate Fellowship in Climate Equity (\$5,150)
- 2024** Critical Pacific Islander Studies Fellowship, Asian Pacific American Student Development (\$5,000)
- 2024** 2024-2025 The Green Initiative Fund: Island Justice Fellows Program at the Critical Pacific Island Studies Collective (*CPISC Co-authored*) (\$40,000)
- 2024** Big C Grant: Critical Pacific Island Studies Collective (*CPISC Co-authored*) (\$2,000)

- 2024** AAPIISC Grant: Critical Pacific Island Studies Collective
(*CPISC Co-authored*) (\$7,000)
- 2023** Hitchcock Lecture Series Grant: Critical Pacific Island Studies
Collective (*CPISC Co-authored*) (\$15,000)
- 2023** Social Science Matrix Research Team Grant: Marianas Critical
Research Initiative (\$5,000)
- 2023** Summer Research Grant, Environmental Science, Policy, &
Management Department (\$2,000)
- 2023** Environmental Forum Research Grant, Environmental Science,
Policy, & Management Department (\$2,000)
- 2023** Honorable Mention, Ford Foundation Predoctoral Fellowship
- 2022** Path to the Professoriate Program (\$1,000)
- 2022** Chancellor's Fellowship (\$34,000)
- 2021** Hixon Fellowship, Hixon Center for Urban Ecology (\$5,000)
- 2020** Climate Project Fellowship, Climate Change Science and
Solutions Learning Community (\$500)
- 2018** Non-Profit and Government Research Project Grant, Krieger
School of Arts & Sciences (\$2,500)
- 2017** Research Experience for Undergraduates Fellowship, National
Science Foundation (\$5,000)

AWARDS

- 2026** Outstanding Graduate Student Organization, Oski Student
Leadership Award
- 2025** Teaching Effectiveness Award, Graduate Council's Advisory
Committee, Teaching and Resource Center (\$500)
- 2025** Outstanding Graduate Student Instructor
- 2024** Student Environmental Resource Center - Brian Gialketsis
SERQueer Scholarship (\$2,000)

- 2024** Trans Student Wellness Initiative Research, Honorable Mention
- 2022** Stratchen Donnelley Research Award (\$500)
- 2022** Best Presentation Award. Sino-American Youth Dialogue on
Climate Change (\$2,000)
- 2021** 3rd Place Winner, Flash Talk Competition. Bren Environmental
Justice Symposium

TEACHING EXPERIENCE

Co-lead Instructor, Mount Tamalpais College (MTC)

ETH200: Introduction to Ethnic Studies (Spring 2026)

Graduate Student Instructor, University of California, Berkeley

ESPMC176: Climate Justice (Spring 2026)

ESPM100: Environmental Problem Solving (Fall 2025; Fall 2024)

ESPMC167 Environmental Health and Development (Spring 2024)

ESPM163 Environmental Justice: Race, Class, & Equity (Fall 2023)

Teaching Fellow, Yale University

ENV632: Food Systems: Implications of Unequal Access (Spring 2022)

ENV633: Critical Race Theory (Fall 2021)

ENV649: Poverty, Environment, and Inequality (Spring 2021)

Environmental Educator & Park Ranger, NYC Parks Dept (2019-2020)

POLICY & RESEARCH EXPERIENCE

- 2023-
Present** Co-founder and Co-director, Critical Pacific Island Studies
Collective (CPISC)
- 2023** Graduate Intern, East-West Center in Washington
- 2021-2021** Operations Manager, People’s Action for Clean Energy
- 2019** Research and Publications Intern, Environmental Law Institute
- 2018** Clean Transportation Intern, Sierra Club
- 2018** Climate Policy and GIS Intern, WE ACT For Environmental
Justice

SERVICE & OUTREACH

Peer Review (15)

2026	<i>Reviews of Geophysics</i> (1 manuscript)
2026	<i>Climate and Development</i> (1 manuscript)
2024-2026	<i>npj Climate Action</i> (3 manuscripts)
2025	<i>IPCC Special Report on Climate Change and Cities, Intergovernmental Panel on Climate Change</i> (2 chapters)
2023-2025	<i>Solar Energy Journal</i> (4 manuscripts)
2025	<i>Journal of Environmental Policy & Planning</i> (1 manuscript)
2025	<i>Discover Cities</i> (1 manuscript)
2025	<i>Discover Environment</i> (1 manuscript)
2022	<i>American Journal of Climate Change</i> (1 manuscript)

Mentoring

2025-Pres.	Green 2.0 Mentor Network
2023-Pres.	Grad-Undergrad Mentoring, CPISC (6 mentees)
2024-2025	Getting into Grad School Mentor, Graduate Division, (1 mentee)
2023-2025	ESPM Grad-Grad Mentoring, 2023-2025 (2 mentees)
2023-2025	Research Mentor, Solomon Admissions (7 mentees)
2022-2024	ESPM Grad-Undergrad Mentor, 2022-2024 (2 mentees)
2023	Research Mentor, OURS Office, UC Berkeley (5 mentees)

Additional Conferences Attended (Non-Presenter)

2026	Participant in Marxist Institute of Research 2026 Summer
2025	Seminar, Truckee, CA
2025	Native American and Indigenous Studies Association Annual Conference, Oklahoma City, OK
2024	Climate Social Science Network Annual Conference, Virtual
2023	Climate Social Science Network Annual Conference, Virtual Society for Social Studies of Science Annual Conference, Honolulu, HI

Other Service

2026-Pres.	Critical Islands, Archipelagos, Oceans (CIAO) AAG Specialty Group, Membership Committee Chair
2026	MTC Course Learning Outcomes Faculty Committee, Member
2026	SERQueer Scholarship, Committee Member
2025-Pres.	AAPI Trans-Pacific Futures Faculty Hire, Committee Member
2023-Pres.	Department Steward, Academic Student Employees Union
2023-2025	Speakers Bureau, School Outreach, Office of Resources for International and Area Studies

- 2021-2022 Student Leader, EJAY - Environmental Justice at Yale Student Group
- 2020-2022 Community Conversations Committee, Yale School of the Environment
- 2021 Yale Senior Symposium Judge, Yale College
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PROFESSIONAL MEMBERSHIPS

- 2026-Pres. American Planning Association
- 2023-Pres. Association of American Geographers
- 2023-Pres. Pacific History Association
- 2022-Pres. Climate Social Science Network
- 2021-2024. Association for Environmental Studies and Sciences
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MEDIA COVERAGE

- 2026 Within and beyond our shores: understanding the connection between climate and conflict, *Pacific Security College*
- 2026 Pacific Islands Studies Collective Urges to Reject Offshore Mineral Leasing, Citing Deep-Sea Mining Risks, *Targeted News Service*
- 2026 Despite budget threats, UC Berkeley invests in six new tenure-track Asian American and Pacific Islands specialists, *UC Berkeley News*
- 2024 Campus Critical Pacific Islands Studies Collective pushes for greater representation for Pacific Islanders, *The Daily Californian*
- 2024 The US Military Has Polluted Guam for Decades. This Year, It Could Get Even Worse, *Truthout*
- 2024 A target without bomb shelters: Guam official says resilience is our armor, *Pacific Island Times*
- 2024 Guam, CNMI bear the price for national security, *Pacific Island Times*
- 2023 Kieren Rudge on the intersection between climate adaptation and justice, *KQSD Talk of the Bay*
- 2023 Six flags magic mountain's solar carport will power 2,800 homes, *ABC7 Los Angeles*

- 2023** Shining Bright: How a Connecticut Group Is Pinpointing Potential Parking Lot Solar Canopies”, *ESRI Stories*
- 2021** Yale researchers highlight environmental health disparities in LGBTQ+ populations, *Yale Daily News*
- 2021** Why putting solar canopies on parking lots is a smart green move, *Yale Environment 360*
- 2021** Study: Connecticut could conserve land by installing solar above parking lots, *Energy News Network*
- 2021** Solar-covered parking lots could offer multiple benefits, *PV Magazine*
- 2021** Youth Vow to take urgent action on climate change, *ChinaDaily.com*
- 2021** Sino-American Youth Dialogue ‘Making Carbon Neutral, Youth in Action’”, *China-United States Exchange Foundation*