

Conrad Newfield

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EDUCATION

University of Hawai'i at Mānoa

Honolulu, HI

- Master's Degree, Department of Urban and Regional Planning Graduated: December 2023
- Capstone: *Capturing Beach Loss: The Effect of Coastal Erosion On Residential Housing Markets In Hawai'i*

University of Colorado, Boulder (CU Boulder)

Boulder, CO

- Bachelor of Science in Engineering Physics, *Summa Cum Laude* Graduated: May 2020
- Bachelor of Science in Applied Mathematics, *Summa Cum Laude*

WORK AND RESEARCH EXPERIENCE

UH Mānoa Institute for Sustainability and Resilience & UH Economic Research Organization

Climate Impacts Research Specialist for Dr. Makena Coffman, Dr. Kim Burnett, and Dr. Leah Bremer Apr 2024 – Present

UH Mānoa, Institute for Sustainability and Resilience

Graduate Assistant for Dr. Makena Coffman January 2022 – December 2023

University of Colorado Boulder, JILA

Undergraduate Researcher in Ultracold KRb Lab of Dr. Jun Ye January 2019 – May 2020

PUBLICATIONS

Coffman, M., Bremer, L., Summers, A., Newfield, C., & Kelley, L. C. (2024). (Un)managed retreat? Perspectives on biophysical and social dynamics of coastal retreat on O'ahu, Hawai'i. *Journal of Environmental Planning and Management*, 1–23. [10.1080/09640568.2023.2279019](https://doi.org/10.1080/09640568.2023.2279019)

Setter, R. O., Han, R. X., Tavares, K.-D., Newfield, C., Terry, A., Roberson, I. M., Tarui, N., & Coffman, M. (2023). Managing retreat for sandy beach areas under sea level rise. *Scientific Reports*, 13(1), 11920. [10.1038/s41598-023-38939-4](https://doi.org/10.1038/s41598-023-38939-4)

Tarui, N., Urbanski, S., Lam, Q. L., Coffman, M., & Newfield, C. (2023). Sea level rise risk interactions with coastal property values: A case study of O'ahu, Hawai'i. *Climatic Change*, 176(9), 130. [10.1007/s10584-023-03602-4](https://doi.org/10.1007/s10584-023-03602-4)