

Katinka Lennemann

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PROFESSIONAL EXPERIENCE

San Mateo County Sustainability Department

Climate Protection Team Intern

Jun. 2025 - Aug. 2025

- Built spatial map in ArcGIS to identify high impact sites for EV chargers by integrating electric grid load capacity, charger density, and demographic data, resulting in clearer advocacy for site-level support in EV charger installation
- Used Excel to create dashboard of performance data for 15 clean energy incentive programs, identifying trends to inform future county program design and funding allocation for meeting the county's climate action plan targets
- Estimated school decarbonization potential by inventorying over 100 methane-fueled appliances across 12+ school sites
- Managed an RFP and coordinated contractor logistics for an innovative cost study on commercial kitchen electrification

ASEAN Foundation Model ASEAN Meeting (East Asia Summit 2025)

U.S. Delegate

Aug. 2025 - Sep. 2025

- As representing the Lao PDR in the Economic Pillar, researched regional regulatory frameworks and investment incentives and drafted policy recommendations for cooperative offshore renewable energy development across Southeast Asia

Global Nomads Group

Curriculum Coordinator

Jun. 2023 - Dec. 2024

- Developed climate change curriculum focused on water management and land subsidence in California's Central Valley, field-tested in 100+ schools and now used in dozens of classrooms across the state of California
- Synthesized research from academic literature and interviews with USGS geologists, tribal governments, water managers, and impacted frontline communities into clear storylines and evidence-based materials for a general audience
- Reviewed outputs for accuracy and consistency, incorporated field-test feedback to refine content, and iterated on product features, overall maintaining alignment with multiple NGSS standards and overall program objectives

Team Leader

Oct. 2022 - Jun. 2023

- Managed a six-person team to research and design the curriculum, assessing product quality periodically for equity-focused curriculum and accessibility of content for students with learning disabilities

Each Green Corner

Data Evaluation Intern

Feb. 2023 - Jun. 2023

- Transformed disconnected raw data to a live metrics and visualizations dashboard and conducted analysis on site performance trends for better data-monitoring by decision makers

EDUCATION

University of California, Los Angeles

2022 - 2026

B.S. Applied Mathematics, B.S. Statistics & Data Science - GPA: 3.8

- UCLA Sailing Team Skipper & Apparel Officer
- Academies of Social Entrepreneurship Alumni
 - Researched and pitched a new business venture for a nonprofit client in Orange County through performing SWOT analyses, analyzing large school datasets, and setting up financial projections
- Relevant coursework: Statistical Models and Data Mining, Applied Numerical Methods, Computation and Optimization, Monte Carlo Methods, Linear Models, Foundations of Environmental Policy and Regulation

National University of Singapore

Fall 2024

Exchange student

- Coursework: Stochastic Processes, Mathematical Modelling, Japanese sustainability, and fashion in eastern/western culture

College of San Mateo

Spring 2020 - Spring 2022

Concurrent Enrollment Student - GPA 4.0

- Coursework: Introduction to Business, Accounting Procedures, Financial Accounting, Introduction to Graphic Design

Carlmont High School

2018 - 2022

- Concurrent enrollment student at College of San Mateo, taking additional coursework in business, accounting, and coding
- Awards & Honors: National Merit Scholarship Semifinalist, AP Scholar with Distinction

VOLUNTEERING

California Youth Services

Data Management & Processing

Jul. 2025 - Present

- Streamlining data entry and reporting processes by developing back-end forms and workflows in Apricot Social Solutions
- Collaborating with staff to understand program needs and translating them into user-friendly data collection tools

California Youth Climate Policy Leadership Program

Mentor

Aug. 2022 - Present (seasonal)

- Providing mentorship and guidance to California high schoolers on carrying out six-month long term climate policy campaigns, supporting them to build a coalition, draft policy on specific causes, and present proposals to key decision makers

Sequoia Union H.S. District Sustainability Committee

Founder & Director

May 2021 – Sep. 2022

- Directed a 30+ member cross-functional team with students, school faculty, community organizations, and Board of Trustee members through a committee that is still running today for environmental advocacy and action projects
- Delivered three district-wide initiatives in six months: a comprehensive waste audit across six schools in partnership with the County of Education, environmental literacy professional development for teachers, and a food share cart pilot
- Received Sustainable & Climate Resilient Schools Challenge Award; spoke on the importance of cross-generational collaboration as a panelist at the Green California Schools and Higher Education Summit

PUBLICATIONS

- [“One Forum, Many Voices: A Few Reflections on Global Climate Action,”](#) Ten Strands, Nov. 2025
- [“Beyond Melting Glaciers: Building a Climate Justice Curriculum By Youth, for Youth,”](#) Global Nomads, Sep. 2025
- [“Climate Change Will Be Taught in California Middle Schools, Thanks to Our Curriculum,”](#) Teen Vogue, Jan. 2025

SKILLS AND MORE

Languages: English (native), Mandarin (fluent), German (elementary)

Technical: R (tidyverse, mlr3verse), Python (numpy, matplotlib), SQL, Power BI, Excel, Java, Google Workspace, Office 365

Personal Interests: Cooking with friends, oil pastels, piano, surrealist fiction, camping (especially among redwoods), fashion