

Liza Wood

EDUCATION

Ph.D., Ecology and Environmental Policy Designated Emphasis: Computational Social Science University of California Davis, Davis, CA	2023
M.Sc., Organic Farming and Food Production Systems Newcastle University, Newcastle upon Tyne, United Kingdom	2015
M.Sc., Sustainability Science and Policy Maastricht University, Maastricht, Netherlands	2014
B.A., Political Science B.A., Biology Honors College at the College of Charleston, Charleston, SC	2013

EMPLOYMENT

Postdoctoral Research Fellow University of Exeter, Department of Management – Sustainable Futures	2023 – present
Graduate Student Researcher University of California Davis, Center for Environmental Policy & Behavior and DataLab	2018 – 2023
Assistant Director of First-Year Experience College of Charleston, New Student Programs	2016 – 2018

PUBLICATIONS

PEER-REVIEW PUBLICATIONS

Wood, L., Scott, T. (2022) Transportation agencies as consumers and producers of science: The case of state, regional, and county transportation agencies in California. *Transport Policy* 128. <https://doi.org/10.1016/j.tranpol.2022.08.016>.

Wood, L., Lubell, M., Rudnick, J., Khalsa, S.D.S., Tatge, S., Sears, M., Brown, P. (2021) Mandatory information-based policy tools facilitate California farmers' learning about nitrogen management. *Land Use Policy* 114. <https://doi.org/10.1016/j.landusepol.2021.105923>.

Rudnick, J., Lubell, M., Khalsa, S.D.S., Tatge, S., **Wood, L.**, Sears, M., Brown, P. (2021). A Farm Systems Approach to the Adoption of Sustainable Nitrogen Management Practices in California. *Agriculture and Human Values* 38. <https://doi.org/10.1007/s10460-021-10190-5>.

IN-PREPARATION

Wood, L., Hubbard, K., Zystro, J. Alternative sustainability transition pathways: Quantifying drivers of innovation diffusion in the organic niche.

Wood, L., Lubell, M. Mapping regional affinity and multi-scalar networks in the organic seed niche innovation system: An empirical test of the Global Innovation System framework.

Wood, L. Who benefits from public innovation? Trends in plant variety development and university technology transfer.

REPORTS

Wood, L. (2022). Assessing the Resilience of the Organic Seed System: A Network Perspective. [Proceedings of the 11th Organic Seed Growers Conference](#).

Hubbard, K., Zystro, J., & **Wood, L.** (2022). [State of Organic Seed](#). Port Townsend, Washington. | Data explorer: <https://organicseed.shinyapps.io/SOSData/>

Wood, L., Lubell, M. (2022). [Vina Subbasin Farmer Survey Report](#) | Data explorer: <https://liza-wood.shinyapps.io/Vina-interactive-survey/>

PRESENTATIONS

Wood, L & Scott, T.A. (2023, January) [govscienceuseR: Tools for quantifying science in policy](#). Conference of Policy Process Research. Denver, CO.

Wood, L & Lubell, M. (2022, November). Analyzing sustainability transitions with innovation system networks: The case of the organic seed system in the United States. International Sustainable Transitions Conference, remote presentation.

Wood, L. (2022, June). “Supporting innovation for sustainable agriculture: The case of the organic seed system in the United States.” Newcastle University School of Natural and Environmental Sciences Seminar Series, invited talk, remote presentation.

Wood, L. (2022, May). “Governing agrobiodiversity: A comparison of regional seed innovation systems as social-ecological networks.” 8th Annual Duck Family Workshop on Environmental Politics and Governance, University of Washington. Seattle, WA.

Wood, L. (2022, March). “Seed innovation systems in the US: The politics of science for agro-ecological transitions.” Atlanta Academy on Science and Innovation Policy. Atlanta, GA.

Wood, L. (2021, December). “Mapping the seed innovation system.” Mars-Wrigley Cacao Research & Development Seminar Series. Davis, CA.

Wood, L. & Rudnick, J. (2020, April). “The effect of information-based policy tools on farmers’ nitrogen management.” American Association of Geographers Annual Meeting, remote presentation.

Wood, L. (2019, July). “Assessing Seed System Resilience: A Case Study from Northeastern Thailand.” International Association for the Study of the Commons, Lima, Peru.

Korey, C., **Wood, L.** & Warnick, C. (2017, October). “FYEvolution: Multiple Transitions Revealed Through Student Voice Assessment.” Students in Transition, Costa Mesa, CA.

TEACHING EXPERIENCE

DATA SCIENCE AND METHODS

Instructor | Contracted by California State Water Board
R for Water Resources Data Science

Spring 2023

Teaching Assistant | UC Davis – UC Davis DataLab
IST 8x: Adventures in Data Science

Winter & Spring 2022

Instructor | UC Davis – Graduate Group in Ecology
ECL 298: R Data Analysis for Visualization in Science

Fall 2020, 2021 & 2022

ENVIRONMENTAL AND SUSTAINABILITY SCIENCE

Teaching Assistant | UC Davis – Departments of Plant Sciences and Environmental Science and Policy
PLS 49: Organic Crop Production Practicum Fall 2019, Spring 2020
ESP 10: Current Issues in the Environment Winter 2019

Instructor | College of Charleston – Department of Environmental and Sustainability Science
FYET 177: Sustainable Food in the Foothills of the Andes Spring 2017, 2018 & 2019
FYSE 142: Farm to Fork: The Sustainable Food Movement in Charleston Spring 2018

SELECTED FELLOWSHIPS & AWARDS

UC Davis Henry A. Jastro Student Research Fellowship	2019 – 2023
Fulbright Netherlands Research Award, Semi-finalist	2022
USDA Western Sustainable Agriculture Research & Education Graduate Student Grant	2020 – 2022
UC Davis Angela and Theodore Foin Graduate Award	2020 – 2021
Ford Foundation Fellowship Program, Honorable Mention	2020
UC Davis Muir Institute Graduate Fellowship	2019 – 2020
UC Davis Graduate Group in Ecology Fellowship	2018 – 2020
Rotary Foundation Global Grant Scholarship to Newcastle, United Kingdom	2014 – 2015
Fulbright Maastricht University Award to Maastricht, The Netherlands	2013 – 2014
