

Liza Wood

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EDUCATION

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| Ph.D., Environmental Policy (Ecology Graduate Group) Concentration: Computational Social Science University of California Davis, Davis, CA, USA | 2023 |
| M.Sc., Organic Farming and Food Production Systems Newcastle University, Newcastle upon Tyne, UK | 2015 |
| M.Sc., Sustainability Science and Policy Maastricht University, Maastricht, NL | 2014 |
| B.A., Political Science B.A., Biology Honors College at the College of Charleston, Charleston, SC, USA | 2013 |

EMPLOYMENT

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| Postdoctoral Research Fellow University of Exeter Business School, Sustainable Futures | 2023 – present |
| Graduate Student Researcher and Teaching Assistant University of California Davis DataLab | 2022 – 2023 |
| Center for Environmental Policy & Behavior | 2018 – 2022 |
| Horticulture Innovation Lab & USAID | 2019 |
| Assistant Director of First-Year Experience College of Charleston, New Student Programs | 2016 – 2018 |
| Climate & Fisheries Extension Researcher South Carolina Sea Grant Consortium | 2012 – 2013 |

PUBLICATIONS

PEER-REVIEWED 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>.

UNDER REVIEW

Wood, L., Vantaggiato, F.P., Scott, T.A. Tracing the path of knowledge on ‘environmental governance processes’ for theory-building. Revise and resubmit.

Scott, T., Kim, S., **Wood, L.** Open access, professional popularity, and agency involvement drive science referenced in U.S. EPA regulatory impact analyses from 2000 to 2022. Revise and resubmit.

Wood, L., Lubell, M. Resource constellations and institutional logics shape network-building processes in the organic seed niche. Revise and resubmit.

Wood, L. Mapping the spatial structure of the organic seed system: A network approach to the Global Innovation System framework. Revise and resubmit.

IN PREPARATION

Wood, L., Struthers, C., Scott, T.A., Kim, S. Science politics: How political context shapes public agencies’ use of science in environmental policymaking.

Wood, L., Hubbard, K., Zystro, J. Compliance within regulatory gray areas: The case of the organic seed standard.

Wood, L. How public and private innovations shape environmental sustainability: Evidence from a century of plant patents.

Wood, L., Pascucci, S. Entanglements of ecological systems and organizational transformation in the organic seed niche.

van denBroek, O.M, Moon, J. Knudsen, J., **Wood, L.** Organizing cross-sector partnerships: Towards a network governance model.

REPORTS & CHAPTER

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/>

Wood, L. (2013). “Sowing sustainability: Rice commodity pathways, NGOs, and farmers’ engagement with alternative agriculture in northeastern Thailand.” [Growing Sustainable Communities: A Development Guide for Southeast Asia](#). (pp. 111-151). Ed. Brennan, L. et al. Australia: Tilde University Press.

PRESENTATIONS

Wood, L. (2024, September) How public innovation shapes environmental sustainability: Evidence from 90 years of plant patents. Research Policy 8th Online Conference for Early Career Researchers.

Wood, L. & Pascucci, S. (2024, July) Entanglements of ecological systems and organizational transformation in the organic seed niche. European Group for Organizational Studies. Milan, IT.

Wood, L. (2024, June) How public and private innovations shape environmental sustainability: Evidence from 90 years of plant patents. Environmental Politics and Governance Conference. Quebec City, CA.

Wood, L., Pascucci, S. (2024, March) Mapping the research landscape of collaborative processes in sustainable business model innovation. King's College London Centre for Sustainable Business Short Paper Workshop: Unlocking pathways for a sustainable future. London, UK.

Wood, L (2023, August) Sustained coexistence pathways for non-proprietary innovation. International Sustainable Transitions Conference. Utrecht, NL.

Wood, L, Scott, T.A, Struthers, C., Kim, S. (2023, July) Science politics: How political context shapes public agencies' use of science in environmental policymaking. Environmental Politics and Governance Conference. Glasgow, UK.

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.

TEACHING EXPERIENCE

DATA SCIENCE

Instructor | Contracted by California State Water Board

[R for Water Resources Data Science](#)

Spring 2023, 2024 & 2025

Teaching Assistant | UC Davis – UC Davis DataLab

IST 8x: [Adventures in Data Science](#)

Winter & Spring 2022 & 2023

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

GRANTS & AWARDS

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| USDA Western Sustainable Agriculture Research & Education Graduate Student Grant | 2020 – 2022 |
| Rotary Foundation Global Grant Scholarship to Newcastle, United Kingdom | 2014 – 2015 |
| Fulbright Maastricht University Award to Maastricht, The Netherlands | 2013 – 2014 |

FELLOWSHIPS AND HONORABLE MENTIONS

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| Fulbright Netherlands Research Award, Semi-finalist | 2022 |
| UC Davis Henry A. Jastro Student Research Fellowship | 2019 – 2023 |
| UC Davis Angela and Theodore Foin Graduate Fellowship | 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 |

SERVICE

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| Reviewer <i>Policy Studies Journal, Society & Natural Resources</i> | 2023 – 2024 |
| Davis R Users Group Coordinator UC Davis | 2021 – 2023 |
| Ecology Graduate Group Graduate Student Mentor UC Davis | 2019 – 2022 |
| Data Carpentries Instructor The Carpentries | 2021 – 2022 |
| Admissions Committee Application Reviewer UC Davis | 2019 – 2021 |
| Sustainability Literacy Writing Committee Member College of Charleston | 2017 – 2018 |
| Faculty for Sustainable Living Workshop Coordinator College of Charleston | 2016 – 2018 |
| Internal Fellowship Interview Panelist College of Charleston | 2016 – 2017 |