

Liza Wood

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EDUCATION

Ph.D., Environmental Policy emphasis in 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

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

PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

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

Wood, L., Vantaggiato, F.P., Scott, T.A. (2025) Tracing the path of knowledge on ‘environmental governance processes’ for theory-building. *Environmental Policy and Governance*, <https://doi.org/10.1002/eet.2151>.

Wood, L., Lubell, M. (2025) Resource constellations and institutional logics shape network-building processes in the organic seed niche. *Environmental Innovation and Societal Transitions* 55, <https://doi.org/10.1016/j.eist.2025.100965>.

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. Mapping the spatial structure of the organic seed system: A network approach to the Global Innovation System framework. Revise and resubmit in *Research Policy*.

Wood, L., Zystro, J., Hubbard, K. Compliance in regulatory gray areas: The case of the organic seed standard. Revise and resubmit in *Policy Studies Journal*.

CONFERENCE PAPERS

Wood, L. How public and private innovations shape environmental sustainability: Evidence from a century of plant patents. Research Policy 8th Online Conference for Early Career Researchers (2024).

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

Wood, L., Pascucci, S. 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 (2024)

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

REPORTS FOR PRACTITIONERS

Wood, L., Pascucci, S., Foppe, A., Ashouri, S., Materia, V., Alerasoul, A. (2024). [How to design sustainable business models: A research integrated protocol](#). Deliverable 5.1 for InBestSoil: Monetary valuation of soil ecosystem services and creation of initiatives to invest in soil health.

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

CONFERENCE PRESENTATIONS

European Forum for Studies of Policies for Research and Innovation Germany	2025
Research Policy 8th Online Conference for Early Career Researchers virtual	2024
European Group for Organizational Studies Italy	2024

Environmental Politics and Governance Conference United Kingdom, Canada	2023, 2024
King's College London Centre for Sustainable Business Short Paper Workshop United Kingdom	2024
International Sustainability Transitions Conference virtual, Netherlands	2022, 2023
Conference of Policy Process Research Colorado USA	2023
Duck Family Workshop on Environmental Politics and Governance Washington USA	2022
Atlanta Academy on Science and Innovation Policy Georgia USA	2022
American Association of Geographers Annual Meeting virtual	2020
International Association for the Study of the Commons Peru	2019

INVITED TALKS

Politecnico di Bari, Management Group	2025
<i>Who innovates for climate adaptation? Evidence from plant variety development</i>	
Newcastle University School of Natural and Environmental Sciences Seminar Series	2022
<i>Supporting innovation for sustainable agriculture: The case of the organic seed system in the United States</i>	
Mars-Wrigley Cacao Research and Development Seminar Series	2022
<i>Mapping the seed innovation system</i>	

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 UC Davis – Graduate Group Ecology	
ECL 290: Science Fiction and Near Futures of Ecology	Spring 2020
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, FELLOWSHIPS & AWARDS

RESEARCH

University of Exeter Department of Management Seed Funding (£1,000)	2024 – 2025
USDA Western Sustainable Agriculture Research & Education Graduate Grant (\$24,997)	2020 – 2022
UC Davis Henry A. Jastro Student Research Fellowship (\$12,450)	2019 – 2023
Fulbright Netherlands Research Award, Semi-finalist	2022
UC Davis Angela and Theodore Foin Graduate Fellowship (\$900)	2020 – 2021
Ford Foundation Fellowship Program, Honorable Mention	2020

Davis Muir Institute Graduate Fellowship (\$5,000)	2019 – 2020
College of Charleston Political Science Department, 1st place for Best Paper Award	2013
ASIANetwork/Freeman-Asia Foundation Student-Faculty Fellowship to Thailand (\$6,000)	2012
College of Charleston Summer Undergraduate Research with Faculty Grant (\$5,000)	2011

EDUCATION

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
College of Charleston Bishop Robert Smith Award	2013
College of Charleston Biology Outstanding Student in the Major Award	2013
College of Charleston Political Science Outstanding Student in the Major Award	2013
College of Charleston Maggie T. Pennington Scholarship	2012-2013
College of Charleston Alexandria Dengate Scholarship	2011-2012

SERVICE

Program Committee Member Atlanta Conference on Science and Innovation Policy	2025
Reviewer <i>Policy Studies Journal, Society & Natural Resources, Environmental Innovations and Societal Transitions</i>	2023 – 2025
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