

# 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

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## EMPLOYMENT

Postdoctoral Research Fellow University of Exeter Business School, <a href="#">Sustainable Futures</a>	2023 – present
Graduate Student Researcher and Teaching Assistant University of California Davis DataLab Center for Environmental Policy & Behavior Horticulture Innovation Lab & USAID	2022 – 2023 2018 – 2022 2019
Assistant Director of First-Year Experience College of Charleston, <a href="#">New Student Programs</a>	2016 – 2018

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## PUBLICATIONS

### PEER-REVIEWED PUBLICATIONS

Scott, T., Kim, S., **Wood, L.** (2025) Open access, professional popularity, and agency involvement drive science referenced in U.S. EPA regulatory impact analyses from 2000 to 2022. *Regulation & Governance*, <http://doi.org/10.1111/rego.70026>.

**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., Vantaggiato, F. Compliance in regulatory gray areas: The case of the organic seed standard. Revise and resubmit in *Policy Studies Journal*.

## CONFERENCE PAPERS / IN PREPARATION

Jenney, P., **Wood, L.**, Dawson, J. When the patent bargain fails. Rural Sociological Society Annual Meeting (2025). In prep for *PLOS One*.

**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). In prep for *Research Policy*.

**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). In prep for *Journal of Public Administration Research & Theory*.

## 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.

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## PRESENTATIONS

### CONFERENCE PRESENTATIONS

Rural Sociological Society Annual Meeting   Utah USA	2025
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

## TALKS, WORKSHOPS, AND DISCUSSANT ROLES

University of Exeter, Centre for Rural Policy Research	October 2025
Invited talk   <i>Public innovation, public mission? Sustainability-oriented breeding in plant patents</i>	
Horizon Europe Soil Mission, Soil Community	October 2025
Invited talk (webinar panelist)   <i>Business models for soil health: Types and tools</i>	
Politecnico di Bari, Management Group	April 2025
Invited talk   <i>Who innovates for climate adaptation? Evidence from plant variety development</i>	
London Environment and Public Policy Workshop	September 2024
Invited discussant   Panel: Palace politics in climate and environmental governance	
King's College London, Environment and Public Policy Research Group Seminar	January 2024
Seminar talk   <i>Tracing the path of knowledge on 'environmental governance processes' for theory-building</i>	
University of California Davis, Data Visualization ECL 290	October 2023
Invited lecture   <i>Interactive data with Shiny flexdashboard</i>	
University of California Davis, Mexican Graduate Student Association	May 2023
Invited workshop   <i>Introduction to the Tidyverse &amp; Making websites with Rmd &amp; GitHub</i>	
University of California Davis, DataLab Micro-credential Program	May 2023
Invited workshop   <i>Network visualization</i>	
Newcastle University, School of Natural and Environmental Sciences Seminar Series	June 2022
Invited talk   <i>Supporting innovation for sustainable agriculture</i>	
Mars-Wrigley Cacao Research and Development Seminar Series	December 2021
Invited talk   <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 ESP 10: Current Issues in the Environment	Fall 2019, Spring 2020 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 FYSE 142: Farm to Fork: The Sustainable Food Movement in Charleston	Spring 2017, 2018 & 2019 Spring 2018

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## 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

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### 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

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### SERVICE

Program Committee Member   Atlanta Conference on Science and Innovation Policy	2025
<a href="#">Davis R Users Group</a> 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

Reviewer | *Policy Studies Journal, Society & Natural Resources, Environmental Innovations and Societal Transitions, Frontiers in Agronomy, European Management Review*

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### REFERENCES

Tyler Scott (tascott@ucdavis.edu) Associate Professor Department of Environmental Science and Policy University of California, Davis	Pamela Reynolds (plreynolds@ucdavis.edu) Co-Director DataLab University of California, Davis
Mark Lubell (mnlubell@ucdavis.edu) Professor Department of Environmental Science and Policy University of California, Davis	Stefano Pascucci (s.pascucci@exeter.ac.uk) Professor Management Department University of Exeter