

Liza Wood

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I am a quantitative researcher with a PhD in Environmental Policy and Computational Social Science (fluent in R), seeking a position where I can apply and advance my quantitative and computational skills.

EDUCATION

Ph.D., Environmental Policy Specialization: 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
Climate & Fisheries Extension Researcher South Carolina Sea Grant Consortium	2012 – 2013

COMPUTATIONAL & STATISTICAL TRAINING

Applied Statistical Modeling: Multi-level and Bayesian approaches UC Davis PLS 298	2021
Introduction to Social and Ecological Network Analysis Short Course SESYNC	2020
Political Science Quantitative Methods I & II UC Davis POL 212 & 213	2020
Algorithmic Reading: Quantitative Text Analysis in R UC Davis STS 275	2020
Social Network Analysis Short Course UC Davis PHR 298	2019
Introduction to Computational Social Science UC Davis CMN 275	2019

DATA SCIENCE TEACHING EXPERIENCE

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

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>.

UNDER REVIEW & IN PREP

Wood, L., Hubbard, K., Zystro, J. Compliance within regulatory gray areas: The case of the organic seed standard. Revise and resubmit in *Regulation & Governance*.

Wood, L., Vantaggiato, F.P., Scott, T.A. Tracing the path of knowledge on 'environmental governance processes' for theory-building. Revise and resubmit in *Environmental Policy and Governance*.

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 in *Regulation & Governance*.

Wood, L., Lubell, M. Mapping the spatial structure of the organic seed system: A network approach to the Global Innovation System framework. Under review in *Research Policy*.

Wood, L., Lubell, M. Resource constellations and institutional logics shape network-building processes in the organic seed niche. Under review in *Environmental Innovation and Societal Transitions*.

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