

# Liza Wood

Center for Environmental Policy & Behavior University of California, Davis

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## #### EDUCATION

Ph.D. Student, Ecology | Designated Emphasis: Computational Social Science 2018 – present  
University of California Davis, Davis, CA  
M.Sc., Organic Farming and Food Production Systems 2015  
Newcastle University, Newcastle upon Tyne, United Kingdom  
M.Sc., Sustainability Science and Policy 2014  
Maastricht University, Maastricht, Netherlands  
B.A., Political Science | B.A., Biology 2013  
Honors College at the College of Charleston, Charleston, SC

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## SELECTED FELLOWSHIPS & AWARDS

Western Sustainable Agriculture Research & Education Graduate Student Grant | Davis, CA 2020 – 2022  
UC Davis Muir Institute Graduate Fellowship | Davis, CA 2019 – 2020  
UC Davis Henry A. Jastro Student Research Fellowship | Davis, CA 2019 – 2020  
UC Davis Graduate Group in Ecology Fellowship | Davis, CA 2018 – 2020  
Rotary Foundation Global Grant Scholarship | Newcastle, United Kingdom 2014 – 2015  
Fulbright Full Grant | Maastricht, Netherlands 2013 – 2014  
ASIANetwork/Freeman-Asia Foundation Student-Faculty Fellowship | Isaan, Thailand 2012  
College of Charleston Summer Undergraduate Research with Faculty Grant | Charleston, SC 2011

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## RESEARCH EXPERIENCE

**Graduate Researcher | 3 Revolutions for Future Mobility Program** 2020  
University of California, Davis | PI: Dr. Tyler Scott  
Employing computational methods to understand knowledge transfer in transportation policy, and the role of science and technology resources used in transportation governance **Graduate Researcher | CDFA Fertilizer Research and Education Program** 2019  
University of California, Davis | PI: Dr. Mark Lubell  
Researching how information-based policy tools affect farmer conservation behavior related to soil nitrogen management in the Central Valley  
**Graduate Researcher | Horticulture Innovation Lab & USAID** 2019  
University of California, Davis | PI: Dr. Elizabeth Mitcham  
Reviewed the lab's projects in the context of innovation diffusion theories to glean generalizable findings regarding technology adoption for sustainable international development  
**Graduate Researcher | European Union Healthy Minor Cereals Project** 2014 – 2015  
Newcastle University | PI: Dr. Carlo Leifert  
Evaluated crop quality of spelt grown under organic intensification strategies in Greece and compared nutritional value of organic and conventional spelt and wheat flour in laboratory assays  
**Graduate Researcher | Centre for Integrated assessment & Sustainable Development** 2013 – 2014

Maastricht University | PI: Dr. Pieter Glasbergen

Developed sustainability criteria for climate change adaptation strategies to evaluate four major certification standards and conducted action research with Dutch-based NGO, Solidaridad

**Undergraduate Researcher | ASIANetwork & Freeman Asia Foundation**2012 – 2013

College of Charleston | PI: Dr. Helen Delfeld

Conducted survey research to understand cultural narratives related to rice varieties in NE Thailand and the role of alternative markets in the rice commodity supply chain

**Undergraduate Researcher | Welch Herpetology Lab**2011 – 2013

College of Charleston | PI: Dr. Allison Welch

Evaluated the impacts of anthropogenic environmental stressors (sublethal levels of salinity and pesticides) on the activity, growth, and survival of tadpoles in laboratory assays

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## TEACHING EXPERIENCE

**Instructor** | Ecology Graduate Group, UC Davis

ECL 298: R Data Analysis for Visualization in ScienceFall 2020

**Teaching Assistant** | Plant Sciences; Environmental Science & Policy; America Studies, UC Davis

PLS 49: Organic Crop Production PracticumFall 2019, Spring 2020

ESP 10: Current Issues in the EnvironmentWinter 2019

AMS 10: Introduction to American StudiesFall 2018

**Instructor** | Environmental Studies, College of Charleston

FYET 177: Sustainable Food in the Foothills of the AndesSpring 2017 – 2019

FYSE 142: Farm to Fork: The Sustainable Food Movement in CharlestonSpring 2018

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## PEER-REVIEWED PUBLICATIONS

Wang, J, Hasanalieva, G., **Wood, L**, et al. (2020). Effect of wheat species (*Triticum aestivum* vs *T. spelta*), farming system (organic vs conventional) and flour type (wholegrain vs white) on composition of wheat flour; results of a retail survey in the UK and Germany – 1. Mycotoxin content. *Food Chemistry* 327, 127011.

Wang, J, Chatzidimitriou, E., **Wood, L**, et al. (2020). Effect of wheat species (*Triticum aestivum* vs *T. spelta*), farming system (organic vs conventional) and flour type (wholegrain vs white) on composition of wheat flour; results of a retail survey in the UK and Germany – 2. Antioxidant activity, and phenolic and mineral content. *Food Chemistry: X* 6, 100091.

Chaffin, L., Korey, C., Warnick, D., & **Wood, L**. (2019). Life So Far: A Grounded Theory Analysis of College Student Transitions Through the Sophomore Year. *Journal of The FYE & Students in Transition* 31(2), 79-93.

**Wood, L.** & Welch, A. (2015). Assessment of interactive effects of elevated salinity and three pesticides on life history and behavior of southern toad (*Anaxyrus terrestris*) tadpoles. *Environmental Toxicology & Chemistry* 34(3), 667-676.

**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., Fien, J., Parker, L., Duong, H., Anh Doan, M., & Watne. T. Australia: Tilde University Press.

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## SELECTED PRESENTATIONS

**Wood, L.** & Rudnick, J. (2020, April). "The effect of information-based policy tools on farmers' nitrogen management." American Association of Geographers Annual Meeting, Denver, CO.

**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.

Korey, C. & **Wood, L.** (2017, February). "Life So Far – Student Voice as an Assessment Tool." First-Year Experience Conference, Atlanta, GA.

**Wood, L.** (2015, February). "Mo' meat, mo' problems: An assessment of cultured meat and food system transitions." Maastricht University Sustainability Journal Symposium, remote presentation.

**Wood, L.** & Delfeld, H. (2012, September). "Non-governmental agricultural movements and rice commodity systems." 2nd Workshop on Anticommodities: Local Forms Of Production As Resistance Against Market Domination. Wageningen, Netherlands.

**Wood, L.** & Welch, A. (2012, January). "Tadpole responses to environmental stressors – pesticides and salinity." Society for Integrative and Comparative Biology, Charleston, SC.

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## PROFESSIONAL EXPERIENCE

First Year Experience Assistant Director | College of Charleston 2016 – 2018

Environmental Studies Adjunct Instructor | College of Charleston 2017 – 2019

Climate Change & Agricultural Adaptation Intern | Solidaridad Network 2013 – 2014

Climate & Fisheries Extension Researcher | SC Sea Grant Consortium 2012 – 2013

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## ACADEMIC SERVICE

Diversity Committee Member, Awards and Admissions Subcommittee | UC Davis 2019 – present

Sustainability Literacy Implementation Committee Member | College of Charleston 2017 – 2018

Faculty for Sustainable Living Workshop Coordinator | College of Charleston 2016 – 2018

Sociology of Food Service-Learning Liaison | College of Charleston 2016 – 2017

Student Union Council Representative & Secretary | Newcastle University 2014 – 2015

Student Advisory Board Representative | Maastricht University 2013 – 2014