

Chris Donovan

✉ christopher.donovan@uvm.edu | 🌐 [Website](#) | 📱 [ChrisDonovan307](#)

SUMMARY

I am a food systems data scientist with an interdisciplinary background in environmental science, economics, and behavior. My strengths include quantitative analysis and modeling, with a particular emphasis on open data and reproducible workflows. I contribute to the advancement of scientific rigor and accessibility by developing and applying methods that enable data to be shared, validated, and used across disciplines. Through this work, I help generate insights that support more sustainable, transparent, and equitable food systems.

EDUCATION

M.S., Community Development and Applied Economics University of Vermont Burlington, Vermont	2024
Graduate Certificate, Ecological Economics University of Vermont Burlington, Vermont	2024
B.S., Environmental Science Emphasis in Conservation Biology Prescott College Prescott, Arizona	2019

WORK EXPERIENCE

Food Systems Data Scientist Food Systems Research Institute University of Vermont Burlington, Vermont	Sep 2024 - present
Graduate Research Assistant Community Development and Applied Economics University of Vermont Burlington, Vermont	Apr 2022 - Aug 2024
Rare Plant Survey Crew Leader Institute for Applied Ecology Boise, Idaho	Apr 2022 - Aug 2022
Precision Restoration Technician The Nature Conservancy Lander, Wyoming	May 2020 - May 2022

Environmental Services Intern

Ocotillo Wells SVRA
Ocotillo Wells, California

November 2019 - March 2020

Seed Technician

Institute for Applied Ecology
Silver City, New Mexico

August 2019 - November 2019

Botanical Field Technician

Great Basin Institute
Las Vegas, Nevada

May 2019 - August 2019

PUBLICATIONS

Peer Reviewed

Christopher Donovan, Magdalena Eshleman, and Corinna Riginos. Delayed seeding and nutrient amendment seed enhancement technology: Potential to improve sagebrush establishment? *Restoration Ecology*, 32(1):e14046, 2024. ISSN 1526-100X. doi:[10.1111/rec.14046](https://doi.org/10.1111/rec.14046).

Preprint

Christopher Donovan and Trisha Shrum. Extreme Weather Events: Perception, Pro-Environmental Behavior, and the Tools to Measure Them, January 2025. URL <https://doi.org/10.31219/osf.io/9zadu>.

Christopher Donovan, Adina Chain-Guadarrama, Alejandra Martinez-Salinas, Natalia Aristizabal, and Taylor Ricketts. Bee Diversity in Costa Rica: A National Survey of Coffee Agroecosystems, April 2025. URL https://doi.org/10.31219/osf.io/a4uv6_v1.

Trisha Shrum, Christopher Donovan, Sadie Bloch, Emma Cripps, and Ceclia Boyson. The REBL Score: A dynamic measure of pro-environmental behavior, August 2024. URL <https://doi.org/10.31219/osf.io/w92se>.

CONFERENCES

Barituka Bekee, Christopher Donovan, Tessa Lawler, Andrew May, and Josiah Taylor. Operationalizing economic sustainability: A regional food systems approach [Conference presentation: Northeast Agriculture and Resource Economics Association], June 2025a.

Barituka Bekee, Christopher Donovan, Cari Ritzenthaler, and Josiah Taylor. Operationalizing sustainability: A regional food systems approach [Conference presentation: Agriculture, Food, and Human Values Society], June 2025b.