

Rachel Delorie

Fort Collins, CO 80521

(603) 770-9234 • rmdelorie@gmail.com

LinkedIn: www.linkedin.com/in/rdelorie • **Portfolio:** <https://rdelorie.github.io/personal-website/>

SUSTAINABILITY AND ECOLOGY PROFILE

I am deeply committed to the conservation of the natural world, with a focus on addressing the challenges of climate change. I am pursuing a career in sustainability with the goal of making a positive, lasting impact on our planet. My key strengths include:

- Collaborative team player who works well with others
- Eager to learn, constantly acquiring new skills
- Passionate about helping others in both personal and professional contexts
- Hands-on experience conducting outdoor field work

EDUCATION

Bachelor of Science, **Ecosystem Science and Sustainability**

Expected May 2026

Colorado State University, Fort Collins, CO

Relevant Coursework includes Ecosystem Ecology, Quantitative Reasoning for Ecosystem Science, Global Climate Justice, Geospatial Project Design and Analysis

PROFESSIONAL EXPERIENCE

RPG Resources LLC – Denver, CO

February 2025 to Present

Environmental Scientist I

- Conduct surveys on oil and gas locations to collect wildlife, plant, and environmental data for client
- Utilize ArcGIS Pro, Survey123, Field Maps, and Drone Deploy applications to collect and analyze spatial data
- Certified Part 107 FAA sUAS Remote Pilot

Warner College of Natural Resources – Fort Collins, CO

January 2025 to Present

Peer Mentor

- Provide one-on-one peer advising sessions to support students in their academic and career related decision making
- Help students interpret degree audits, align course selection with long-term goals, and determine undergraduate major selection
- Supported students' career development by critiquing resumes and providing targeted feedback for natural resource positions

Warner College of Natural Resources – Fort Collins, CO

August 2023 to Present

Lead Career Services Student Ambassador

- Promoted to lead role in June 2024
- Hold weekly office hours for career education such as resume, federal resume, and cover letter reviews, LinkedIn profile creation, and job searching strategies
- Create bi-weekly career newsletters using Mailchimp technology
- Use Canva to create marketing materials for social media and advertisements in campus buildings
- Present career topics to current students such as Clifton Strengths, resumes, career resources, and networking

RELEVANT ACADEMIC EXPERIENCE

Colorado State University – Fort Collins, CO

Fall 2025

Geospatial Project Design and Analysis

- Design and implement a geospatial project from conception to completion, producing high-quality deliverables
- Clean and integrate spatial data from county government sources, non-government organizations, and national databases while applying best practices for data management and reproducibility
- Produce professional-quality maps and visualizations to effectively communicate project findings to technical and non-technical audiences

Colorado State University – Fort Collins, CO

Spring 2025

Quantitative Reasoning for Ecosystem Science

- Utilized open-source programming applications including RStudio, GitHub, and Quarto to conduct environmental data analysis
- Conducted data cleaning, refinement, and statistical analysis of complex ecological datasets
- Integrated geospatial data into quantitative analyses to address real-world ecosystem science challenges

Graduate Course Development – Fort Collins, CO

Spring 2024 and Fall 2024

Undergraduate Independent Research Advised by Dr. Stuart Cottrell

- Course Contributor to “Public Use in Protected Areas”, a graduate-level course focused on Protected Area Management
- Developed the module “Zoning for Protected Areas”, including teaching materials, assignments, and lectures
- Created a lesson in the module “Communication for Protected Areas” providing teaching materials and lectures
- Contributed to “Data Collection and Decision-Making for Protected Area Managers”

Study Abroad, Colorado State University – Exuma Islands, Bahamas

May 2023

Marine Ecotourism in The Bahamas

- Lived aboard a sailing vessel for 7 days in the Exuma Islands gaining first-hand insights into marine ecotourism
- Expanded my knowledge of marine ecosystems through daily snorkeling and marine species identification
- Developed a cross-cultural understanding by immersing in Bahamian culture and traditions

Shoals Marine Laboratory, The University of New Hampshire – Appledore Island, ME

June 2022

Ecology and the Marine Environment Course

- Exceeded in a 2-week immersive academic program at a marine research station in the Gulf of Maine
- Applied field and laboratory research techniques, including quadrat sampling and data analysis
- Utilized a sea table and microscopes to perform species identification
- Gained in-depth knowledge of intertidal ecosystem functions in the Gulf of Maine

CAMPUS INVOLVEMENT

Society of Ecological Restoration, Colorado State University Chapter – Fort Collins, CO

October 2022 to January 2025

Outreach Officer and Diversity, Equity, and Inclusion Officer

- Elected Outreach Officer for two consecutive years
- Coordinate club fundraising and volunteer opportunities with local companies and organizations
- Practiced restoration techniques such as weeding, propagation, and invasive species control
- Attended guest lectures to gain exposure to current restoration practices and issues

Society of American Foresters, Alpha Chapter – Fort Collins, CO

May 2024 to August 2025

Member

- Attended the Society of American Foresters national convention in October 2024
- Tabled at community service events in partnership with various local organizations
- Fundraised to further the chapter’s ability to provide professional development opportunities to students
- Educated the public on restoration-related issues at tabling events in the community

CERTIFICATIONS

Part 107 sUAS Drone Pilot – Federal Aviation Administration

Renewed Annually Since August 2025

SOCIAL / HUMANISTIC / BEHAVIORAL RESEARCH – CITI Program

Expires February 2028

CPR, First Aid, and AED – American Red Cross

Renewed Annually Since 2020

HONORS AND AWARDS

Outstanding ESS Student - Warner College Council

May 2024 and May 2025