

Erin M. McElroy

SKILLS

- Project Planning & Management
 - Research & Technical Writing
 - Facilitation & Stakeholder Engagement
 - Public Education & Outreach
 - Written & Verbal Communication
 - ArcGIS, R, & Microsoft Office
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RELEVANT EXPERIENCE

06/2023 to Present **Forest Resilience Officer EMNRD Forestry Division –**
Santa Fe, NM

- Lead statewide Forest and Watershed Health Coordinating Group, managing quarterly meetings and maintaining engagement across diverse partners.
- Drive statewide implementation and updates of the 2020 Forest Action Plan, tracking 190+ actions across 10 strategies.
- Provide leadership for statewide Reforestation, Post-Fire, and Forest Markets programs, overseeing staff and advancing new initiatives such as Carbon Stewardship, Landscape Stewardship Planning, and Seedlings for Reforestation.
- Support district offices during catastrophic wildfire events by delivering clear guidance on funding, project planning, post-fire authorities, procurement, and recovery options.
- Lead statewide partnership development and secure state and federal funding for priority projects, overseeing grant writing, budgeting, and project administration.
- Facilitate the Division's Resilience Core Team to coordinate initiatives, assign roles, and resolve program challenges.
- Lead procurements to obtain support for Division initiatives.

08/2021 to 06/2023 **Environmental Planning Associate, Ecotone Landscape Planning, LLC –**
Santa Fe, NM

- Managed restoration projects from proposal writing to implementation, including budgeting, compliance, and adaptive management.
- Coordinated Community Wildfire Protection Plans, conducting research, GIS analysis, and public outreach.
- Led field assessments and monitoring for forest, wetland, and rangeland restoration projects, producing technical reports for state and federal agencies.
- Developed public outreach materials and supervised volunteers and contractors for restoration projects.

07/2019 to 07/2021 **Graduate Research Assistant, Portland State University – Portland, OR**

- Coordinate Understory Species Increase Project by organizing and facilitating monthly meetings, determining future research directions, communications with interested entities, coordination with contractors and state parks during seed collection season
- Project planning, budgeting, and grant writing to obtain funding
- Present research at regional conference and prepare written report of project findings
- Literature review of forest restoration and invasive species management techniques and challenges
- Implemented monitoring protocols for vegetation and soil data collection and performed statistical analysis of results to improve forest restoration practices.
- Conducted surveys of regional plant material producers and presented findings at a regional conference.

11/2018 to 05/2019 **Environmental Planning Associate, Ecotone Landscape Planning, LLC –**
Santa Fe, NM

- Conduct applied research for current and potential Ecotone projects, including data mining and assisting in the development of reports and project proposals
- Assisted with field monitoring, data analysis, and reporting for restoration projects.
- Developed outreach materials and conducted applied research to support project proposals.

06/2018 to 10/2018 **Job Shadowing Jan-Willem Jansens, Ecotone Landscape Planning, LLC –**
Santa Fe, NM

- Researched and/or implemented erosion control structures, invasive plant management, induced meandering of rivers, keyline plowing, and sustainable trail building and maintenance
- Assisted with monitoring vegetation and elevation of previously restored sites to evaluate the effectiveness of restoration techniques

11/2015 to 11/2017 **Post-Bachelor's Research Associate, Pacific Northwest National Lab – Richland, WA**

- Operate laboratory equipment, including Ion Chromatography (IC) and Shimadzu Carbon Analyzer
- Perform various methods of sample preparation, sample analysis, data review and reporting in compliance with Nuclear Quality Assurance requirements
- Supported research efforts in immobilizing radioactive iodine by implementing experiments, reporting data, and preparing a written report for publication

05/2015 to 09/2015 **Intern, ANR Group – Richland, WA**

- Assist in Ecological Compliance Reviews and environmental sampling for Hanford Site
- Performed surveys to monitor habitat and distribution of native flora and fauna
- Prepared monitoring plans for species of interest and reviewed technical reports of findings
- Database organization, manipulation, and analysis

EDUCATION

09/2019 to 06/2021 **Master of Environmental Management**
Portland State University - Portland, OR GPA: 4.0

- Society of Ecological Restoration Northwest Chapter Student Research Grant Recipient
- Bushby Scholarship Recipient

08/2011 to 05/2015 **Bachelor of Science: Environmental and Ecosystem Science**
Washington State University - Richland, WA GPA: 3.83

- Graduated Magna Cum Laude
- WSU Regent's Scholarship Recipient

PUBLICATIONS

McElroy, E.M., Lawter, A.R., Appriou, D., Smith, F., Bowden, M., Qafoku, O., Qafoku, N. P. (2020). Iodate interactions with calcite: implications for natural attenuation. *Environmental Earth Sciences* 79, 306 (2020).
<https://doi.org/10.1007/s12665-020-09023-1>