

Daniel Aragon

(970) 519-1265 • aragon@wisc.edu • 308 Eagle Heights Apartment L • Madison, WI 53705 • www.danielaragon.com

Summary of Qualifications

- Multifaceted education in the of fields aquatic ecology, environmental engineering, and water policy
- Applied focus in water resources restoration, hydrological modeling and GIS integration.
- A commitment to integrating interdisciplinary approaches and tools to preserve and restore ecosystem services
- Track record of working with a diversity of stakeholders to engage communities in project outcomes

Natural Resource Management

- **Fall 2014–present, Project Intern** – Interfluve Inc. Madison, Wisconsin. Working in an interdisciplinary team of engineers and biologists designing a trout stream and wetland restoration. Developing geomorphological assessment, watershed hydrologic analysis, and land survey using state of the art equipment. Developing GIS layers for site assessment and modeling inputs. Learning the engineering, science, and art behind riparian and wetland restoration.
- **2013-2015, Water Resource Management Practicum** – University of Wisconsin. Madison, Wisconsin. Working on an interdisciplinary team to design restoration of riparian and wetland resources. Developing hydraulic models to aid in the improvement of Northern Pike spawning habitat. Bridging GIS software, watershed hydrology, and hydraulic models to develop flood inundation maps, input data for sediment deposition models, and project proposal maps. Collaborating in writing report sections including modeling, wetland/stream geomorphology, and fish ecology.
- **Spring 2014, Teaching Assistant** – ES 600 Capstone, Water Stewardship and Sovereignty in the Bad River Ojibwe Community. University of Wisconsin. Madison, Wisconsin. Aided students in understanding the ecological and cultural importance of the Bad River Sloughs – A Ramsar designated wetland under tribal management. Responsible for weekly grading and 1:1 mentoring of students' written case studies and multimedia capstone projects for submission to Bad River natural resource agencies.

Professional Qualifications

2014-2015, Project Assistant – Dept. of Urban and Regional Planning, Dept. of Facilities Planning and Management. UW Madison, Wisconsin. Assisting in creating an inventory of sustainability efforts across the UW Madison Campus and Facilities Management and Planning Department. Responsible for interviewing and collaborating with academic researchers, facilities directors, and student organizations in data collection and project description. Co-authoring magazine and peer reviewed articles on the efforts to translate tactical management decisions into strategic educational assets.

2009-2012, Program Director - Southwest Institute for Resilience. Telluride, Colorado. Helped to redefine the mission, vision, and strategic plan for a small 501(c)(3). Oversaw manager, vendor board, and structure of Telluride Farmer's Market (grossing 500k annually). Fundraised for community based food projects including 4 regional community gardens and multiple school greenhouse programs. Successfully applied for numerous program and development grants and fostered continuing support from donors and foundations. Tactfully supported a spectrum of socioeconomic communities and projects throughout the watershed.

2011-2012, Farm Manager – Tomten Organic Farm. Placerville, Colorado. Held responsibility for production of gourmet salad mixes at a high altitude farm. Coordinated sales efforts through local farmer's market and directly to regional restaurants. Coordinated holistic management of a small herd of milk goats and flock of laying hens. Upgraded infrastructure and cultivation practices in light of decreasing water allocations. Managed a team of 3-4 full time interns.

2008-2011, Designer, Project Manager - Greenhouse DBE. Southwest Colorado Region. Facilitated community led design processes, public green infrastructure development. Crafted written project proposals, visualizations of design concepts, and communications with municipal partners. Projects included Naturita Library's story garden landscape (best small library in America 2011 – Library Journal), and Nucla, Colorado's Volunteer Park design – an open-air historical museum.

2010-2013, Course Instructor – ES 278, Permaculture Design Certificate. University Centers of the San Miguel & Colorado Mesa University. Telluride, Colorado. Co-instructed four 3-credit courses. Developed original and engaging curriculum from a standards based framework. Taught sections in applied ecology, pattern language, and organic production both in classroom and field settings. Successfully facilitated a multi-generational learning environment. Graduated 54 students over 4 years.

Education and Certifications

2014 DoIT Web Development Summer Course graduate. University of Wisconsin, Madison, WI

2013-Present M.S. Candidate. Water Resources Management. Nelson Institute for Environmental Studies.
University of Wisconsin; Madison, WI

2011 Advanced Permaculture Certification. Indigenous Ecosystem Mgmt. Woodbine Ecology; Sedalia, CO

2011 Colorado Master Gardener Certification. CSU Extension; San Miguel County, CO

2010 Permaculture Teacher Certification. Seattle Tilth; Seattle, WA

2009 Permaculture Design Certification. Central Rocky Mountain Permaculture Institute; Basalt, CO

2008 Regenerative Ecological Design Post-Baccalaureate Program. Ecosa Institute at Prescott College;
Prescott, AZ

2006 BA Fine Arts. Photography and New Media. University of Colorado; Boulder, CO

2002 Study Abroad. Universidad de Alicante; Alicante, Spain