

CURRICULUM VITAE

NAME: Courtney Schultz

ADDRESS:



EDUCATION

2009	Ph.D. Forestry (specializing in Natural Resource Policy), University of Montana
2004	M.S. Conservation Biology and Sustainable Development, University of Maryland
1997	B.A. International Relations, minor in Biology, Stanford University

PROFESSIONAL POSITIONS

2017-present	Associate Professor and Director, Public Lands Policy Group, Forest and Rangeland Stewardship, Warner College of Natural Resources, Colorado State University
2010-2017	Assistant Professor, Natural Resource Policy, Colorado State University
2009-2010	Presidential Management Fellow, USDA Forest Service

RESEARCH FOCAL AREAS

- Effects of public policy on the implementation of science-based, land management goals (e.g. fire management and forest restoration) in collaborative, networked, and multi-level governance systems.
- Current research focuses on public lands in the American West, including planning for ecological integrity, forest restoration and fire management, and climate change mitigation and adaptation on US forest lands.

SELECTED PUBLICATIONS

vonHedemann, N., Wurtzebach, Z., Timberlake, T.J., Sinkular, E., **Schultz, C.A.** 2020. Forest policy and management approaches for carbon dioxide removal. *Royal Society Interface Focus* 10(5), 20200001.

Buma, B., **Schultz, C.A.** 2020. Disturbances as opportunities: Can we learn from disturbance-response parallels in social and ecological systems to better adapt to climate change? *Journal of Applied Ecology* 57(6), 1113-1123.

McIntyre, K.M., **Schultz, C.A.** 2020. Facilitating Collaboration in Forest Management: Assessing the benefits of collaborative policy innovations. *Land Use Policy* 96, 104683.

Schultz, C.A., Moseley, C. 2019. Collaborations and capacities to transform US fire management. *Science* 366 (6461), 38-40; doi: 10.1126/science.aay3727

Schultz, C.A., McCaffrey, S., Huber-Stearns, H. 2019. Policy barriers and opportunities for prescribed fire application in the Western United States. *International Journal of Wildland Fire* 28, 874-884; doi: 10.1071/WF19040

Schultz, C.A., Thompson, M.P., McCaffrey, S. 2019. Forest Service fire management and the elusiveness of change. *Fire Ecology* 15, 13; doi: 10.1186/s42408-019-0028-x

Schultz, C. A., Timberlake, T.J., Wurtzebach, Z.P., McIntyre, K.B., Moseley, C. 2019. Policy tools to address scale mismatches: lessons from US forest governance. *Ecology and Society* 24(1), 21.

Cyphers, L.A., **Schultz, C.A.** 2019. Policy design to support cross-boundary land management: the example of the Joint Chiefs Landscape Restoration Partnership. *Land Use Policy* 80, 362-369doi: 10.1016/j.landusepol.2018.09.021

Timberlake, T., and **Schultz, C. A.** 2018. Policy, practice, and partnerships for climate change adaptation of US national forests. *Climatic Change* 144(2), 257-269.

Wurtzebach, Z., and **C.A. Schultz**. 2016. Measuring ecological integrity: history and practical application. *Bioscience* 66, 446-457.

Schultz, C., Sisk, T.D., Noon, B.R., and Nie, M.A. 2013 (invited paper). Wildlife conservation planning under the United States Forest Service's 2012 planning rule. *Journal of Wildlife Management* 77, 428-444.

Schultz, C., Jedd, T., and Beam, R.^{UG} 2012. The Collaborative Forest Landscape Restoration Act as a policy experiment: a history and overview of funded projects. *Journal of Forestry* 110, 381-391.

Schultz, C. A., Nie, M. 2012. Decision-making triggers, adaptive management, and natural resources law and planning. *Natural Resources Journal* 52, 443-521.

Schultz, C. A. 2012. History of the cumulative effects analysis requirement under NEPA and its interpretation in US Forest Service case law. *Journal of Environmental Law and Litigation* 27, 125-190.

SELECTED CONTRACTS & GRANTS

- Schultz, C. A. (PI), 2020-2023. "Building a Climate Adaptation Partnership at Colorado State University," Office of the Vice President for Research Catalyst for Innovative Partnerships Program, \$200,000.
- Schultz, C. A. (PI), 2019-2024. "A National Review of the Shared Stewardship Strategy's Implementation," USDA-USFS-State and Private Forestry, \$882,029.
- Schultz, C. A. (PI), 2017-2022. "Collaborative Proposal: NSF Macrosystems Biology Program: The Future of US Forest Function under Changing Climate, Disturbance and Forest Management," National Science Foundation, \$185,939 (total funding for team: \$1.96 million).
- Schultz, C. A. (PI), 2016-2019. "Assessing the First Generation of Forest Service Climate Change Vulnerability Assessments," USDA-USFS-National Forest System-Office of Sustainability and Climate, \$291,224.
- Schultz, C. A. (PI), Cassandra Moseley (Co-PI), 2013-2016. "An Evaluation of the Integrated Resource Restoration Budget Pilot and Other Restoration Authorities", USDA-USFS-National Forest System, \$358,000.
- Schultz, C. A. (PI), Cassandra Moseley (Co-PI), Christopher Bone (Co-PI), Adell Amos (Co-PI), 2016-2019. "Policy Barriers to Prescribed Fire: Identifying Opportunities and Mechanisms for Change", Joint Fire Science Program, \$275,002.
- Schultz, C. A. (Co-PI), Jesse Abrams (PI), Alexander Evans (Co-PI), Heidi Huber-Stearns (Co-PI), Cassandra Moseley (Co-PI), Maria Fernandez-Gimenez (Co-PI), 2016-2019. "Integrating Social and Ecological Resilience into Forest Management Planning", Joint Fire Science Program, \$288,984 (Institutional PI; subaward: \$106,942).
- Schultz, C. A. (PI), Paul Duffy (Co-PI), Nancy Fresco (Co-PI), 2016-2018. "Impacts of Climate and Management Options on Wildland Fire Fighting in Alaska: Implications for Operational Costs and Complexity under Future Scenarios", Joint Fire Science Program, \$244,422.
- Schultz, C. A. (PI), 2013-2014. "Assisting National Forests in Updating Monitoring and Adaptive Management Programs under the 2012 Planning Rule", USDA-USFS-Rocky Mountain Research Station, \$25,000.

PROFESSIONAL SERVICE AND APPOINTMENTS

- Faculty, School of Global Environmental Sustainability, 2018-present.
- Associate Editor, *Fire Ecology*, 2019-present.
- Associate Editor, *Journal of Forestry*, 2016-present.

SELECTED RECENT PRESENTATIONS AND OUTREACH ACTIVITIES

- March 15, 2021. "Managing public lands in 2021 and beyond: new directions and challenges in national forest management." Invited presentation for webinar with the Council on Food, Agricultural and Resource Economics.
- January 27, 2020, "Prescribed fire policy barriers: new findings from case studies across the West." Invited webinar by the Fire Science Exchange Networks.
- March 2, 2020. Schultz, C.A. "Research perspective on shared stewardship, cross-boundary restoration and collaborative partnerships." SWERI Cross-Boundary Landscape Restoration Conference, Albuquerque, NM.
- November 21, 2019. Schultz, C.A., Huber-Stearns, H., McCaffrey, S. "Policy approaches for increasing application of prescribed fire on federal lands." 8th International Fire Ecology and Management Congress. Tucson, AZ.
- October 22, 2019. Schultz, C.A. "New directions and challenges for collaborative forest management." The Nature Conservancy's Annual North America Forests Workshop, Estes Park, CO.
- June 18, 2018. "Policy design to support collective action and adaptive governance: Examples from community-based forest restoration approaches in the United States." International Symposium for Society and Resource Management, Snowbird, UT.
- September 20, 2017. Schultz, C.A. "The future of US national forest governance: institutional innovations for addressing multi-scale management priorities and challenges," International Union for Forestry Research Organizations, Freiburg, Germany.