

KATHERINE WOLLSTEIN, M.S.

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EDUCATION

- Ph.D., University of Idaho (Moscow, ID)** 2017-present
Major: Natural Resources
Emphasis: Rangeland policy and governance, ranching and public lands
Date of candidacy: 9/2019
- M.S., Oregon State University (Corvallis, OR)** 2015-2017
Major: Forest Ecosystems and Society
Minor: Rangeland Ecology and Management
Emphasis: Rangeland management and conservation, ranching and wildlife
- B.S., Washington State University (Pullman, WA)** 2006-2011
Major: Wildlife Ecology
Honors College

EMPLOYMENT

- Rangeland Fire Regional Specialist** 2020-present
Forestry and Natural Resources Extension - Oregon State University (Corvallis, OR)
- Assistant Professor (Practice)** 2020-present
Department of Animal and Rangeland Sciences - Oregon State University
- Graduate Research Assistant** 2017-2020
Policy Analysis Group - University of Idaho (Moscow, ID)
Department of Natural Resources and Society - University of Idaho
- Graduate Teaching Assistant** 2018-2019
College of Natural Resources - University of Idaho
- Graduate Research Assistant** 2015-2017
Department of Forest Ecosystems and Society - Oregon State University
- Data Validation Coordinator** 2013-2015
DF/Net Research (Seattle, WA)
- Laboratory Instructor** 2013
School of Biological Sciences - Washington State University (Pullman, WA)
- Scientific Aide** 2012
California Department of Fish and Game (Tulelake, CA)
- Wildlife Field Technician** 2011
Department of Fish and Wildlife Science - University of Idaho (Dillon, MT)
- Amphibian Research Group Intern** 2010
School of Environmental and Life Sciences - University of Newcastle (New South Wales, Australia)

PEER-REVIEWED PUBLICATIONS

5. Wollstein, K. and E.J. Davis. 2020. New Modes of Environmental Governance in Greater Sage-grouse Conservation in Oregon. *Society and Natural Resources* 33(5):555-573.

4. Davis, E.J., J.A. Abrams, and K. Wollstein. 2020. Fire on the Range: Rangeland Fire Protection Associations as Disaster Response Organizations. *Disasters Journal* 44(3):435-454.
3. Abrams, J.A., K. Wollstein, and E.J. Davis. 2018. State Lines, Fire Lines, and Lines of Authority: Rangeland Fire Management and Bottom-Up Cooperative Federalism. *Land Use Policy* 75:252-259.
2. Wollstein, K.L. and E.J. Davis. 2017. A “Hammer Held Over their Heads”: Voluntary Conservation Spurred by the Prospect of Regulatory Enforcement in Oregon. *Human-Wildlife Interactions* 11(3):258-273.
1. Abrams, J.A., E.J. Davis, and K. Wollstein. 2017. Rangeland Fire Protection Associations in Great Basin Rangelands: A Model for Adaptive Community Relationships with Wildfire? *Human Ecology* 45(6):773-785.

MANUSCRIPTS IN REVIEW

Wardropper, C.B., J. Angerer, M. Burnham, M. Fernández-Giménez, V. Jansen, J. Karl, K. Lee, and K. Wollstein. In review. Climate tools for rangelands: Social science insights on barriers and opportunities for use by ranchers and pastoralists. Submitted to: *Current Opinion in Environmental Sustainability*.

EXTENSION AND PRACTICE PUBLICATIONS

Wollstein, K., C.B. Wardropper, and D.R. Becker. In preparation. Toward fire-adapted rangeland communities: A policy analysis of outcome-based approaches to managing wildfire risk in Idaho. Policy Analysis Group Policy Brief. University of Idaho: Moscow, ID.

Wollstein, K. “Outcome-based Management for Western Rangelands: Using Experience & Need to Help Manage for Fire.” Invited blog post for Fire Adapted Communities Learning Network. 10 September 2020. Available online: <https://fireadaptednetwork.org/outcome-based-management/>

Wollstein, K., and E.J. Davis. 2017. Voluntary Conservation in Lake County, OR. Case study brief prepared for Sage Grouse Conservation Partnership annual meeting. Oregon State University: Corvallis, OR.

Davis, E.J., J. Abrams, K. Wollstein, A. Steingisser, and J.E. Meacham. 2017. Rangeland Fire Protection Associations: An Alternative Model for Wildfire Response. Ecosystem Workforce Program Working Paper #80. University of Oregon: Eugene, OR.

Davis, E.J., J. Abrams, K. Wollstein, J.E. Meacham, A. Steingisser, and L.K. Cerveny. 2017. Rangeland Fire Protection Associations: An Alternative Model for Wildfire Response. Ecosystem Workforce Program Briefing Paper #78. University of Oregon: Eugene, OR.

Wollstein, K. and J. Rounds. 2012. Greater sage-grouse recovery in the Devil’s Garden: Progress Report for the Devil’s Garden/Clear Lake Population Management Unit – Modoc County, California. Prepared for California Fish and Game/USFWS.

PROFESSIONAL PRESENTATIONS

Conference and Symposia

10. Wollstein, K.*, C. Wardropper, and D. Becker. “Context matters: Institutional Conditions for Outcome-Based Approaches to Manage Wildfire Risk.” Invited symposium presentation at the Annual Meeting of the Society for Range management. February 16-20, 2020, Denver, CO.
9. Wollstein, K.*, C. Wardropper, and D. Becker. “Outcome-Based Approaches on Idaho’s Public Rangelands: Co-Managing for Improved Outcomes?” Panel presentation at the Workshop on the Ostrom Workshop (WOW6). June 19-21, 2019, Bloomington, IN.

8. Wollstein, K. *, D. Becker, C. Wardropper, and J. Freemuth. "Policy Analysis of Outcome-Based Approaches to Managing Idaho's Rangelands." Presented at the Annual Meeting of the Society for Range Management. February 10-14, 2019, Minneapolis, MN.
7. Davis, E.J., J. Abrams, and K. Wollstein*. "Resilience on the range: An alternative model for community-based wildfire protection." Invited panel presentation at the PNW Society for Ecological Restoration & Society for Wetland Scientists 2018 Joint Conference. October 15-18, 2018, Spokane, WA.
6. Davis, E.J.*, J. Abrams, and K. Wollstein. "Resilience on the range: An alternative model for rangeland wildfire protection." Invited presentation at Rural Sociological Society annual meeting, "Best of the West" Symposium. July 27, 2018, Portland, OR.
5. Wollstein, K. *, and E.J. Davis. "Case studies of communities and wildlife conservation: Oregon ranchers and greater sage-grouse." Invited panel presentation at the Annual Meeting of the Society for Range Management. January 29-February 2, 2017, St. George, UT.
4. Wollstein, K. *, and E.J. Davis. "Voluntary conservation in lieu of the Endangered Species Act: Oregon ranchers and greater sage-grouse." Presented at the Annual Meeting of the Society for Range Management. January 29-February 2, 2017, St. George, UT.
3. Davis, E.J., J.A. Abrams, K. Wollstein*, J. Meacham, A. Steingisser, L. Cervený, and C. Moseley. "Survival in the 'Grey Zone:' Ranching and fire protection on the southeastern Oregon rangelands." Presented at the International Symposium on Society and Resource Management. June 22-25, 2016, Houghton, MI.
2. Wollstein, K. *, and E.J. Davis. "Collaboration in lieu of listing: Greater sage-grouse conservation in southeastern Oregon." Poster presented at the Western Forestry Graduate Research Symposium. April 22, 2016, Corvallis, OR.
1. Abrams, J. *, E.J. Davis, K. Wollstein, J. Meacham, A. Steingisser, L. Cervený, and C. Moseley. "When two worlds collide: Rangeland Fire Protection Associations, federal agencies, and the politics of resilience." Invited presentation at Central Oregon Fire Science Symposium, March 21, 2016, Bend, OR.

Presentations for Stakeholder Groups

- Wollstein, K. *, C. Wardropper*, and D. Becker. "Collaborative action toward outcome-based management on Idaho's rangelands." Invited presentation at University of Idaho Rangeland Center Fall Forum. October 4-5, 2018, Salmon, ID.
- Wollstein, K. *, and E.J. Davis. "Landowners and Greater Sage-Grouse Conservation in Lake County, Oregon." Invited panel presentation at the Annual Sage Grouse Conservation Partnership Summit. November 8-9, 2017, Baker City, OR.
- Davis, E.J. *, J.A. Abrams, K. Wollstein*, J. Meacham, A. Steingisser, L. Cervený, and C. Moseley. "Fire adapted communities on the range: Alternative models of wildfire response." Invited presentation at the Oregon Summit of Rangeland Fire Protection Associations. May 16-17, 2017, Burns, OR.
- Davis, E.J., J.A. Abrams, K. Wollstein*, J. Meacham, A. Steingisser, L. Cervený, and C. Moseley. "Fire adapted communities on the range: Alternative models of wildfire response." Invited presentation at the Idaho Annual Meeting of Rangeland Fire Protection Associations. November 1-2, 2016, Boise, ID.

FUNDING AND GRANTS

- Wollstein, K. 2020. Conditions for innovation in Bureau of Land Management Field Offices. Duration: 1 year. Source: *UI College of Natural Resources Curt Berklund Graduate Research Scholar Award*. Total award: \$10,000.

Wollstein, K., and C.B. Wardropper. 2020. Conditions leading to innovation in the Bureau of Land Management. Duration: 3 months. Source: *UI Office of Research and Economic Development Research Infrastructure and Scholarly Excellence (RISE) Graduate Research Fellowship*. Total award: \$3,000.

Becker, D.R., K. Wollstein, and C.B. Wardropper. 2018. Toward Fire-Adapted Rangeland Communities: A Policy Analysis of Outcome-Based Approaches to Managing Wildfire Risk in Idaho. Duration: 1.5 years. Source: *Joint Fire Science Program Graduate Innovation (GRIN) Award*. Total award: \$25,000.

TEACHING

Co-Instructor

- ENVS/NRS 475: Environmental Conservation Planning and Policy (3 cr.) - UI, Fall 2019

Teaching Assistant

- NR 101: Introduction to Natural Resources (2 cr.) - UI, Fall 2018
- BIO 428: Mammalogy (4 cr.) - WSU, Spring 2011, Spring 2013

Guest Speaker

- “Rangeland Wildfire Policy and Management in the U.S.” for NRS 484: Forest Policy and Governance - UI, Spring 2019
- “Human Dimensions of Natural Resource Management in McCall, Idaho” for NR 101: Introduction to Natural Resources - UI, Fall 2018
- “Land tenure and tension in the American West: How we got to the Malheur Occupation” for RNG 662: Rangeland Ecology - OSU, Winter 2016

LEADERSHIP AND SERVICE

Meeting and Workshop Leadership

- Panel co-organizer, “Lessons from the Field: Women’s Leadership in Natural Resources” at 2020 Women’s Leadership Conference - Pullman, WA (postponed due to COVID-19)
- Panel organizer, “Institutional Legacies and Governing the Commons: Lessons from Rangeland Governance” at 6th Workshop on the Ostrom Workshop - Bloomington, IN (June 2019)
- Session co-organizer, “Rangelands” at Rural Voices for Conservation Coalition Annual Meeting - Santa Fe, NM (January 2019)
- Planning Committee, UI Rangeland Center Fall Forum - Salmon, ID (October 2018)
- Planning Committee, “Outcome-Based Rangeland Management G20 Summit” hosted by UI Policy Analysis Group and Rangeland Center - Boise, ID (December 2017)

Facilitation

- Alternative Cropping Symposium - Pullman, WA (February 2019)
- “Rangelands” session at Rural Voices for Conservation Coalition Annual Meeting - Santa Fe, NM (January 2019)
- Idaho Rangeland Conservation Partnership winter meeting - Boise, ID (January 2019)
- “Policy Barriers to Outcome-Based Rangeland Management” for G20 Summit hosted by UI Policy Analysis Group and Rangeland Center - Boise, ID (December 2017)

University Service

- Diversity, Equity, and Inclusion Committee, Department of Animal and Rangeland Sciences - OSU (2020-present)
- Co-chair, College of Natural Resources Diversity and Inclusion Committee - UI (2019-2020)
- Human Dimensions of Fish and Wildlife Faculty Search Committee, Department of Natural Resources and Society - UI (2019)
- Reviewer, Environmental Science 101 poster session - UI (2019)

- Reviewer, Ecology and Conservation Biology undergraduate research theses - UI (2018)
- Co-advisor, Rangeland Cup Team - OSU (2017)

Service to the Profession

- Reviewer, Joint Fire Science Program Graduate Innovation Award proposals (2020)
- Peer review, *Journal of Environmental Management* (2020)
- Peer review, *Fire* (2019, 2020)
- Peer review, *Rangeland Ecology and Management* (2018)

Service to the Public (professionally related)

- Public Policy Advisory Committee, Society for Range Management - national (2020-present)
- Rangelands Working Group lead, Rural Voices for Conservation Coalition - U.S. western states (2019)

Current Professional Affiliations

- Idaho Rangeland Conservation Partnership
- Rural Voices for Conservation Coalition
- Society for Range Management
- UI Rangeland Center

CONTINUED EDUCATION AND TRAINING

- Introduction to Science and Technology Policy History, Organization, Analysis and Communication workshop (12 hours, 2020) - virtual
- Society for Range Management Advocacy Training (2020) - virtual
- “Respectful Communication: Transforming Debate to Dialogue” workshop (2020) - Moscow, ID
- UI Extension Rangeland Monitoring Workshop (12 hours, 2018) - Hailey, ID
- Natural Resources Leadership Academy (40 hours, 2016) - Corvallis, OR
- Mediation Training, Neighbor-to-Neighbor Mediation (32 hours, 2016) - Corvallis, OR
- “Conflict Management: Turning conflict into Opportunity” training (2016) - Corvallis, OR
- “Understanding Implicit Bias: Taking conscious control of your unconscious baggage” training (2016) - Corvallis, OR
- Ethical Human Subjects Research certification, Collaborative Institutional Training Initiative (regular re-certification since 2015)

OTHER VOLUNTEER AND EXTRACURRICULAR ACTIVITIES

- Mentor, 1000 Girls 1000 Futures Program with New York Academy of Sciences (2019)
- Judge, Franklin Elementary School Science Fair - Pullman, WA (2019)
- Diverse Perspectives in Forestry Group, OSU - Corvallis, OR (2015-2017)
- Citizen Action Training School, Sound Salmon Solutions - Everett, WA (2014-2015)
- Communications Intern, Global Washington - Seattle, WA (2013-2014)
- Juniors’ Coach, Euwana Rowing Club - Klamath Falls, OR (2012)
- Women’s Varsity Rowing, WSU - Pullman, WA (2006-2010)

HONORS, AWARDS, ACCOMPLISHMENTS

- UI Graduate and Professional Student Association Travel Award (2017, 2019) - totaling \$1,400
- UI College of Natural Resources Graduate Fellowship Award (2017) - \$1,000
- OSU Waring Travel Grants (2016, 2017) - totaling ~\$1,500
- Association for Fire Ecology Travel, Research, and Education Experience Grant (2016) - \$700
- OSU The Schultz Family Education Fund (2015-2016) - \$4,000
- Pacific-10 All-Academic Team (2008, 2010)
- WSU President’s Honor Roll (2006, 2007)

- WSU Dean's Merit Scholar in College of Human, Agricultural, and Natural Resource Sciences (2006)