

Susan J. Prichard

Research Scientist
School of Environmental and Forest Sciences
Box 352100, University of Washington,
Seattle, WA 98195-2100

Webpage: <https://depts.washington.edu/flame/>
Phone: 509-341-4493
Email: sprich@uw.edu

EDUCATION

- Ph.D. 2003 Forest Ecosystem Analysis. University of Washington, Seattle, Division of Ecosystem Science, College of Forest Resources. Advisor: Dr. David L. Peterson. Committee members: Drs. James Agee, Linda Brubaker, Robert Gara and Charlie Halpern
Dissertation: *Spatial and temporal dynamics of fire and vegetation change in Thunder Creek Watershed, North Cascades National Park*
- M.S. 1996 Forest Ecosystem Analysis. University of Washington, Seattle, Division of Ecosystem Science, College of Forest Resources. Advisor: Dr. David L. Peterson. Committee members: Drs. Linda Brubaker, Robert Harrison, and Darlene Zabowski
Thesis: *Carbon storage in subalpine forests and meadows of the Olympic Mountains.*
- B.S. 1992 The Evergreen State College, Olympia, Washington

RECENT PUBLICATIONS

1. Povak, N.A., **Prichard, S.J.**, and Griffey, V. *In prep.* Drivers of fire severity in recent wildfires of north central Washington State, USA. *Ecosphere*.
2. Hessburg, P.F., Povak, N.A., Salter, R.B., Furniss, T.J., Churchill, D.J., Hagmann, R.K., Lefevre, M.E., Meigs, G.W., **Prichard, S.J.**, and Swanson, M.E. *In prep.* Nonforest patchworks – core elements of resilient forest landscapes. *Environmental Research Letters*.
3. Skinner, H., **Prichard, S.J.**, Cullen, A.C. 2024. Informing decision support in high fire risk landscapes with competing values at risk: the upper Wenatchee pilot project. *Fire*.
4. Greenler, S.M., Lake, F.K., Tripp, W, McCovey, K., Tripp, A., Hillman, L, Dunn, C.J., **Prichard, S.J.**, Hessburg, P.F., Harling, W., and Bailey, J.D. 2024. Blending Indigenous and western science: quantifying cultural burning impacts in Karuk Aboriginal Territory. *Ecological Applications*.
5. Stoof, C., dVries, J., Castellnou Ribau, M., Fernández, M., Flores, D., Galarza, V., Kettridge, N., Lartey, D., Moore, P., Thacker, F., Prichard, S., Tersmette, P., Tuijtel, S., Verhaar, I., and Fernandes, P. 2024. Megafire? It depends. *Global Ecology and Biogeography*.
6. Cova, G., **Prichard, S.J.**, Rowell, E., Kane, V. 2023. Evaluating close-range photogrammetry for 3D understory fuel characterization. *Remote Sensing* 15: 4837,
7. Povak, N.A., Salter, R.B., Hessburg, P.F., Gray, R.W., and **Prichard, S.J.** 2023. Fences and corridors: Exploring system-level feedbacks in large landscape simulations of active fire regimes and reburning. *Fire Ecology* 19:45.
8. **Prichard, S.J.**, Gray, R.W., Salter, R.B., Hessburg, P.F., and Povak, N. 2023. REBURN: landscape simulation modeling of fire and vegetation dynamics in semi-arid forests of western North America. *Fire Ecology* 19:38.
9. Batchelor, J., Rowell, E., **Prichard, S.**, Nemans, D., Cronan, J., and Moskal, L.M. 2003. Quantifying vegetation moisture levels with terrestrial lidar scanning. *Remote Sensing* 15:1482.
10. D'Evelyn, S.M., Blancas, M., Pollowitz, M., Haugo, R., Karboski, K., Lundgren, H., Masuda, Y.J., **Prichard, S.J.**, Ray, K., Walker, E., and Spector, J.T. 2023. Mobilizing through dialogue: building interdisciplinary partnerships among forest health, wildland fire, and public health sectors to find ways to address the impact of wildland fire smoke on communities. *Environmental Research Communications* 5: 031004.
11. Rocha, K.D., Silva, C.A., Consenza, D.N., Mohan, M., Klauberg, C., Schlickmann, M.B., Xia, J., Leite, R.V., Almeida, D., Atkis, J.W., Cardil, A., Rowell, E., Parsons, R., Sanchez-Lopez, N., **Prichard, S.J.**, and Hudak, A.T. 2023. Crown-level structure and fuel load characterization from

- airborne and terrestrial laser scanning in a longleaf pine (*Pinus palustris* Mill.) forest ecosystem. *Remote Sensing* 15: 1002.
12. Cullen, A., **Prichard, S.J.**, Dolk, A. et al. 2023. Growing convergence research to co-produce climate and wildfire simultaneity information for proactive risk management. *Risk Management* 43: 2262-2279.
 13. Lemons, R., **Prichard, S.J.**, Kerns, R. 2023. Fireline effectiveness across large wildfire events in north-central Washington State. *Fire Ecology* 19:8.s
 14. Cova, G., Kane, V., **Prichard, S.J.**, Zald, H., and North, M. 2023. The outsized role of California's largest wildfires in changing forest burn patterns and coarsening ecosystem scale. *Forest Ecology and Management*. 528:120620.
 15. Prichard, S.J. and Gaines, W. 2022. Wildfires in the PNW – present and future. *Western Forester*, December issue.
 16. Stevens-Rumann, C.S., **Prichard, S.J.**, Whitman, E., Parisien, M.A., and Meddens, A.J.H. 2022. Considering regeneration failure in the context of changing climate and disturbance regimes in western North America. *Canadian Journal of Forest Research* 52:1-22.
 17. D'Evelyn, S., Masuda, Y., Alvarado, E., et al. including **Prichard, S.** 2022. Wildfire, smoke exposure, human health, and environmental justice need to be integrated into forest restoration and management. *Current Environmental Health Reports*.
 18. **Prichard, S.J.**, Rowell, E., Keane, R.E, Hudak, A.T., Lutes, D, and Loudermilk, E.L. 2022. Chapter 4: Wildland fuel characterization across space and time. In: French, N., Pruett, R., Lobata, T. *Fire, Smoke and Health*. American Geophysical Union, Wiley Press.
 19. Gaines, W., Hessburg, P., Aplet, G., Henson, P., **Prichard, S.**, Churchill, D., Jones, G., Isaac, D.J., and Vynne, C. 2022. Climate change and the Northwest Forest Plan: managing for dynamic landscapes. *Forest Ecology and Management* 504: 119794.
 20. **Prichard, S.J.**, Keane, R., Rowell, E., Hudak, A., Loudermilk, E.A., Lutes, D., Chappell, L, Hornsby, B., Hall, J., Ottmar, R.D. 2022. *US Forest Service National Smoke Assessment: Fuels and Consumption*. Springer.
 21. Rowell, E., **Prichard, S.J.**, Varner, M.J. and Shearman, T.M. 2022. Re-envisioning fire and vegetation feedbacks. *In: S. Goodrick and K. Speer Wildland Fire Dynamics*. Cambridge University Press.
 22. **Prichard, S.J.** 2021. Fact Sheet: Adapting western North American forests to climate change and wildfires: Ten common questions. Ecological Restoration Institute, Northern Arizona University, Flagstaff, Arizona.
 23. Hudak, A.T., Bright, B.C., Rowell, E., Robertson, K., Pokwinski, S., Hiers, K, **Prichard, S.**, Nowell, H, Holmes, C., Gargulinski, E.M., and Soja, A.J. 2021. Estimating surface fuel density from TLS and ALS: a two-tiered approach that accounts for sampling scale. *Association of Fire Ecology Conference Proceedings*.
 24. Baker, K., Barnhart, B., Bova, A., Brookes, A., Djuang, K., Farris, C., Halama, J., Holder, A., Koplitz, S., McKane, R, Nguyen, T.K., Pasquale, R., Phan, V., Pouliot, G., **Prichard, S.**, Skelly, D., Tarnay, L., and Vukovich. 2021. Air quality modeling of case study fires. Chapter 7 In: *Comparative Assessment of the Impacts of Prescribed Fire Versus Wildfire (CAIF): A Case Study in the Western U.S.* U.S. Environmental Protection Agency, Washington, DC, EPA/600/R-21/197, 2021.
 25. Hessburg, P.F., **Prichard, S.J.**, Hagmann, R.K., Povak, N.A., and Lake, F.K. 2021. Wildfire and climate adaptation: is it needed in the western US? Invited feature. *Ecological Applications* 31: e02432.
 26. Hagmann, R.K., Hessburg, P. F., **Prichard, S.J.**, et al. 2021. Evidence for widespread changes in the structure, composition, and fire regimes of western North American forests. Invited feature. *Ecological Applications* 31:e02431
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- Adapting western North American forests to climate change and wildfires: ten common questions. Invited feature. *Ecological Applications* 31:e02433.
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 29. Coop, J.D., Parks, S.A., Stevens-Rumann, C.S., Crausbay, S., Higuera, P.E., Hurteau, M.D., Tepley, A., Whitman, E., Assal, T., Collins, B.M., Davis, K.T., Dobrowski, S., Falk, D.A., Fornwalt, P.J., Fulé, P.Z., Harvey, B.J., Kane, V.R., Littlefield, C.E., Margolis, E.Q., North, M., Parisien, M.-A., **Prichard, S.**, and Rodman, K.C. 2020. Wildfire-driven forest conversion in western North American landscapes. *BioScience*: biaa061
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 31. **Prichard, S.J.**, Povak, N., Kennedy, M.C., and Peterson, D.W. 2020. Fuel treatment effectiveness following the 2014 Carlton Complex Fire in semi-arid forests of north-central Washington State. *Ecological Applications*. E02104.
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 35. Soja, A., Hudak, A., **Prichard, S.**, Triplett, S., Hiers, J.K., Ottmar, R.D. and Fischer, E.V. Fueled from below: linking fire, fuels and weather to WE-CAN. Proceedings of the 99th American Meteorological Society Annual Meeting.
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- Urbanski, S. and Watts, A. 2019. The Fire and Smoke Model Evaluation Experiment—A Plan for Integrated, Large Fire–Atmosphere Field Campaigns. *Atmosphere*: 10: 66.
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91. **Prichard, S.J.**, Wright, C.S., Vihnanek, R.E., Ottmar, R.D. 2006. Predicting forest floor and woody consumption from prescribed burns in ponderosa forests. Proceedings of the Third International Fire Ecology and Management Conference: Fire as a Global Process. San Diego, CA.
92. Wright, C.S. and **Prichard, S.J.** 2006. Biomass consumption during prescribed fires in big sagebrush ecosystems. In: Andrews, P.L., Butler, B.W. (eds). Fuels Management—how to measure success: Conference Proceedings 28-30 March 2006. Portland, OR. Proceedings Rocky Mountain Research Station RMRS-41. Fort Collins, CO.
93. Wright, C.S., **Prichard, S.J.**, Vihnanek, R.E. and Ottmar, R.D. 2006. Predicting fuel consumption from prescribed burning trials in western forest and shrublands. Proceedings of the 3rd International Fire Ecology and Management Congress, San Diego, CA.
94. McKenzie, D., **Prichard, S.J.**, Hessl, A.E. and Peterson, D.L. 2004. Empirical approaches to modelling wildland fire in the Pacific Northwest Region of the United States: Methods and Applications to Landscape Simulation. Chapter 7 in L. Buse and A. Perera, eds. Emulating Natural Forest Landscape Disturbances: concepts and applications. Columbia University Press, New York, NY.
95. Ottmar, R.D., Sandberg, D.V., Prichard, S.J., Riccardi, C.L. 2003. Fuel characteristic classification system. Proceedings of the 5th symposium on fire and meteorology, Orlando, FL.
96. **Prichard, S.J.** 2003. Spatial and temporal dynamics of fire and vegetation change in Thunder Creek Watershed, North Cascades National Park, Washington. Ph.D. Dissertation, University of Washington, Seattle.
97. **Prichard, S.J.** and D.L. Peterson. 2000. Carbon distribution in subalpine forests and meadows of the Olympic Mountains, Washington. Soil Science Society of America Journal.
98. Peterson, D.L., **Prichard, S.J.**, and McKenzie, D. 2000. Disturbance in mountain forests. *In* Price, M.F. and N. Butt. (eds.) Forests in Sustainable Mountain Development: a State of Knowledge Report for 2000. CABI Publishing, UK.
99. **Prichard, S.J.** 1996. Carbon storage in subalpine forests and meadows of the Olympic Mountains. M.S. Thesis, University of Washington, Seattle.
100. **Prichard, S.J.**, White, M., and Wayburn, L. 1996. Modeling carbon storage in redwood forests under different management scenarios. *In* LeBlanc, J. (ed.) Proceedings of the conference on coast redwood forest ecology and management, June 1996, Humboldt State University, Arcata, CA.
101. Candelario Martinez, A., Reed, D.M., **Prichard, S.J.**, Doble, K.E., Lee, T.D., Lesser, W., Price, D.A., and Greenberg, M.J. 1993. SCP-related peptides from bivalve mollusks - identification, tissue distribution, and actions. Biological Bulletin 185 (3): 428-439.
102. Candelario, A., **Prichard, S.J.**, Lesser, W., Doble, K.E., Price, D.A., and Greenberg, M.J. 1990. Neurohumoral modulation of the gut and feeding organs of a clam. American Zoologist 30(4):a66.

COMPETITIVE GRANTS AND FELLOWSHIPS

- 2023: US DEPARTMENT OF DEFENSE ENVIRONMENTAL SCIENCE TECHNOLOGY AND CONSERVATION PROGRAM. “RC23-B6-7779: FuelsCraft: An innovative wildland fuel mapping tool for prescribed fire decision support on Department of Defense military installations” Susan Prichard (PI), Maureen Kennedy, Russ Parsons, Eric Rowell, and Carlos Silva. (\$1.7M)
- 2022: CALFIRE FOREST HEALTH RESTORATION RESEARCH GRANTS. “Restoring Resilient Landscapes in the Western Klamath Region – implications for future fires, vegetation, habitat, and carbon dynamics” Susan Prichard (PI), Paul Hessburg, Frank Lake, Nick Povak, and Brion Salter (co-PIs) (\$500k)
- 2020: US DEPARTMENT OF DEFENSE SERDP RC20-C3-1346 “Object-based aggregation of fuel structures, physics-based fire behavior and self-organizing smoke plumes for improved fuel, fire, and smoke management on military lands” Hudak, A.T. (Federal PI), Loudermilk, L., Clements, C., Kochanski, A., **Prichard, S.J.**, Boschetti, L, French, N., Hiers, J.K., and Hoffmann, C. (co-PIs) (\$2.5M – \$222 UW) Role: UW PI.
- 2019: US Department of Defense SERDP RC19-C1-1064 “3D fuel characterization for evaluating physics-based fire behavior, fire effects, and smoke models on US Department of Defense military lands” **Prichard, S.J.** (project lead), Ottmar, R. (federal PI), Cronan, J. A. Hudak, R. Parsons, E. Rowell, N. Skowronski (coPIs) (\$2.65M) Role: Project lead on all aspects from proposal writing, project administration and science lead. Ottmar/Watts are federal PIs
- 2017: JOINT FIRE SCIENCE PROGRAM 17-1-01-09 “Landscape fuel treatments and wildland fire management strategies within recent large fire events” **Prichard, S.J.** (PI), Hessburg, P., Gray, R.W., Salter, R.B., Povak, N.(coPIs) (\$469k) Role: PI.
- 2016: JOINT FIRE SCIENCE PROGRAM Project 16-4-01 “Hierarchical 3D fuel and consumption maps to support physics-based fire modeling” Hudak, A. (federal PI), **Prichard, S.J.** (co-lead), Keane, R., Loudermilk, L., Parsons, R. Seielstad, C., Skowronski, N. (coPIs) (\$199k) Role: co-lead with Andrew Hudak, who was our federal representative.
- 2015: JOINT FIRE SCIENCE PROGRAM Project 15-1-01-1 “Mapping fuels for regional smoke management and emissions inventories” French, N. (PI), **Prichard, S.**, Billmire, M., Kennedy, M., Larkin, N.S., McKenzie, D. (coPIs) (\$435k) Role: active co-PI and science lead on fuel characterization.
- 2015: Western Wildland Environmental Threat Assessment Center “Integrated study of post-fire burn severity, vegetation recovery and forest insect activity following the 2014 Carlton Complex fires” Peterson, D.W. (Federal PI), **Prichard, S.J.** (co-PI, proposal coauthor), Connie Mehmel, Darci Dickinson (co-PIs) (\$225k) Role: project conception, proposal co-author and lead for burn severity assessment.
- 2015: JOINT FIRE SCIENCE PROGRAM Project 15-S-01-1 “Fire and Smoke Model Evaluation Experiment (FASMEE) Phase 1 (Design and Planning) Leadership: Ottmar, R. (PI), Brown, T., French, N.F., Larkin, N.K.S., **Prichard, S.J.** (co-PIs) (\$491k) Role: co-PI and primary author of 2019 overview paper.
- 2014: JOINT FIRE SCIENCE PROGRAM Project 14-1-02-30 “Evaluation of past-fire burn mosaics on subsequent wildfire behavior, severity, and fire management strategies” **Prichard, S.J.** (PI), Gray, R.W., Hessburg, P., Harrod, R., Morgan, P. and Stevens-Rumann, C. (co-PIs) (\$402k) Role: PI.
- 2009: JOINT FIRE SCIENCE PROGRAM Project 09-1-01-09 “Landscape analysis of fuel treatment longevity and effectiveness in the 2006 Tripod Complex fires” **Prichard, S.J.** (PI), Peterson, D.L. (co-PI) (\$150k) Role: PI.
- 2007: JOINT FIRE SCIENCE PROGRAM Project 07-1-2-13 “Do fuel treatments reduce fire severity? Evaluating treatment effectiveness in the 2006 Tripod Complex fires” **Prichard, S.J.** (PI), Peterson, D.L. (co-PI) (\$357k) Role: PI.

- 2006: JOINT FIRE SCIENCE PROGRAM Project 98-1-9-06 “Modification and validation of fuel consumption models for shrub and forested lands in the southwest, Pacific Northwest, Rockies, Midwest, Southeast and Alaska. JFSP Project 98-1-9-06. Ottmar, R. (PI), **Prichard, S.J.**, Vihanane, R. and Wright, C. (co-PIs) (\$355k). Role: co-PI and lead on consumption model development.
- 2001: Canon National Parks Science Fellowship. (\$75k). Role: PI.
- 1991: National Science Foundation Research Experiences for Undergraduates, Summer Research Fellowship, Sevilleta LTER, University of New Mexico
- 1990: National Science Foundation Research Experiences for Undergraduates, Summer Research Fellowship, Whitney Laboratories, Florida.

FUNDED PROJECTS (CONTRACTS AND PROJECT MANAGEMENT)

- 2023: WASHINGTON DEPARTMENT OF NATURAL RESOURCES “Burn severity atlas development for decision support” Prichard, S.J. and Cova, G. (\$200k)
2023. EMISSIONS TRADEOFFS ANALYSIS. PRICHARD, S.J. (PI). Joint venture agreement with the Pacific Northwest Research Station to evaluate smoke emissions tradeoffs between prescribed fire and wildfire scenarios. (\$300K)
2023. USFS WASHINGTON OFFICE, PRICHARD, S. (PI). Ecocultural state-of-science report on adaptive management strategies for old and mature forests. Project colead with Cristina Eisenberg (OSU) (\$170k)
2023. USFS PACIFIC NORTHWEST RESEARCH STATION. PRICHARD, S.J. (PI) AND DEBORAH NEMENS Metolius project (\$80k)
2023. USFS PACIFIC NORTHWEST RESEARCH STATION. Smoke Emissions Reference Application Revision. PRICHARD, S.J. (PI) (\$60k)
2022. WESTERN CONSERVATION SCIENCE INSTITUTE CONTRACT. “Climate change adaptation strategies for the Northwest Forest Plan.” PRICHARD, S.J. (PI) (\$15K)
- 2022: R.W. GRAY CONSULTING. “Community Wildfire Innovation Grant Contract” PRICHARD, S.J. (PI) (\$22.5k)
- 2022: WASHINGTON DEPARTMENT OF NATURAL RESOURCES “WA DNR project work on wildland fire and fuels. Prichard, S.J. (PI) (\$51k)
- 2022: LOTT FOUNDATION – SEFS AWARD “Prescribed vs. wildfire smoke emissions tradeoffs in dry forest restoration” Prichard, S.J. (PI) (\$25k)
- 2021: UNIVERSITY OF BRITISH COLUMBIA “Piled biomass emissions review” Prichard, S.J. (PI) (\$25k)
- 2020: JOINT FIRE SCIENCE PROGRAM “Wildland Fuel Characterization for Fire Science and Management: synthesis of existing knowledge and research needs” Prichard, S.J. (PI), Ottmar, R. (federal cooperator), Rowell, E., Cansler, C.A., Kane, V., Moskal, M. (co-PIs). (\$255k). Role: PI.
- 2020: NORTH COAST REGIONAL PARTNERSHIP. “NCRP Strategic Fire Planning and WKRP State-and-Transition Modeling.” Harling, W. (PI), Bailey, J., Dunn, C, Greenler, S., Hessburg, P. and Prichard, S.J. (coPIs). (\$100k to PNW Research Station and UW). Role: development of state and transition models and project advisor for PhD student.
- 2020: CALFIRE: Fuel treatment synthesis project (\$50k). Role: project lead.
- 2017: NATIONAL WILDLAND FIRE COORDINATING GROUP SMOKE COMMITTEE: Emissions factors database development (\$60k) Role: project lead.
- 2017: OKANOGAN-WENATCHEE NATIONAL FOREST “Fuelbed development and training” (PI) (\$30k) Role: project lead.
- 2016-2018. LANDFIRE fuels mapping contract. “LANDFIRE-FCCS Fuelbed Layer Improvements” ((\$150k) Role: project lead.

- 2014-2015: US Forest Service Contract. “Evaluation of smoke and fuels management tradeoffs in the Lake Tahoe Basin” (\$25k) Role: project lead.
- 2014-2015: Army Corp of Engineers Contract. “Prescribed fire emissions modeling and planning tool development for military installations of the southeastern US” (\$150k) Role: project lead.
- 2013-2016: Improving agricultural and wildland fire source emissions products and access to information for atmospheric science and smoke modeling applications. Phase 1 for NASA-ROSES A.35 Earth Science Applications: Wildland Fires. Feasibility Grant Number: NNX12AQ89G (\$100k) Role: co-PI; project management within our science team.
- 2013: US Department of Agriculture APHIS Program “Using FCCS to evaluate the potential fire risk of converting forest or agriculture plantations to Eucalyptus in the southern United States” Ottmar, R.D. (PI), Andreu, A. and Prichard, S.J. (coPIs)
- 2011-2014: Development of the Fuel and Fire Tools Application. American Recovery and Reinvestment Act Funds (\$340k) Role: project lead.
- 2009: Savannah River Landscape Fire Hazard contract (\$77k), Southern Research Station. Role: co-lead with Roger Ottmar.
- 2008: Vegetation mapping for the Middle Methow reach of the Methow River Basin, Bureau of Reclamation (\$20k) Role: project lead.
- 2007: Building FCCS fuelbeds for the Savannah River Site (\$111k). Role: co-lead with Roger Ottmar.
- 2003–present: Project manager for the Fuel Characteristics Classification System (development, documentation, maintenance and support).
- 2005–present: Project manager for Consume (development, documentation, maintenance and support).

PROFESSIONAL ORGANIZATIONS AND SERVICE

Association of Fire Ecology (board member 2022-2025; head of the Diversity, Equity and Inclusivity Committee)

International Association of Landscape Ecology (member)

POLICY-RELATED WORK

- Invited participant in a national policy meeting “Unlocking Innovation Pathways for Climate Resilient U.S. Forests and Institutions” at Doris Duke Center for Sustainability, New Jersey. February 2024.
- Advisor: Environmental Defense Fund’s work to educate the public about proactive forest and wildfire management solutions. 2023-2024.
- Invited team member: National Climate Change Roadmap Working Group to inform priorities for the NIFA Climate Adaptation and Resilience Plan. (national working group to identify key research and priorities for NIFA). 2023.
- Co-I for the NSF-funded Convergence Project on climate change and simultaneous wildfires. Our team consists of policy experts from the UW Evans School of Policy and Governance, National Center for Atmospheric Research, a fire meteorologist and landscape fire ecologist (Prichard). 2021-2025.
- Invited member of the Stewardship Project: a partnership between Indigenous and western science. This 20-person group is forging connections between Indigenous experts and western scientists in support of cultural burning and Indigenous stewardship. Fall 2022-2023.
- Co-consultant with Dr. William Gaines on climate change adaptation strategies for the Northwest Forest Plan with support from the Western Environmental Law Center. 2022-2023.
- Invited briefing of White House staff on climate change and wildfires. June 29, 2022.
- Field tour lead for the USDA Deputy Director of Natural Resources and USFS Washington office staff on climate change and wildfires, Methow Valley. May 10-11, 2022.
- Invited meeting with President Biden at his executive order signing ceremony on safeguarding America’s forests. April 22, 2022.
- Invited wildland fire round table discussion with Governor Inslee, including UW faculty, the SEFS director and College of Environment Dean and Associate Dean. May 17, 2022.

Invited participant in the Wildfire Resilience Summit, co-organized by The Nature Conservancy and Aspen Institute. Sept 27-30, 2022.

Invited participant in a Wildfire Policy Accelerator, organized by the Federation of American Scientists with support from CCST, COMPASS, and CXL, Fall 2022.

INVITED PRESENTATIONS

Prichard, S. FuelsCraft: a wildland fuel mapping tool for prescribed fire decision support. SERDP/ESTCP Webinar Series. May 2024.

Eisenberg, C. and Prichard, S. Braiding Indigenous Knowledge and Western Science to Adapt Forests to Climate Change. Society of American Foresters Old Growth Summit, Washington DC. March 2024.

Eisenberg, C. and Prichard, S. Braiding Indigenous Knowledge and Western Science to Adapt Forests to Climate Change. Doris Duke Center for Sustainability, New Jersey. February 2024.

Eisenberg, C. and Prichard, S. Braiding Indigenous Knowledge and Western Science to Adapt Forests to Climate Change. USFS mature and old growth planning meeting. Virtual Presentation. February 2024

Hessburg, P. and Prichard, S. The importance of reburning. Northwest Fire Science Consortium Webinar. February 2024.

Prichard, S., Rowell, E., Bester, M., Cova, G., Drye, B., Eagle, P., Hudak, A., Kennedy, M., Nemens, D., Parsons, R., Silva, C. and Watts, A. Characterizing 3D understory fuel structure and biomass in pine-dominated forests using coupled terrestrial lidar scanning and field sampling. SERDP Symposium Morning Spotlight on Exemplary Research presentation. Arlington, VA. November 2023.

Prichard, S. Update on recent research projects and wildland fire science needs. CALFIRE workshop at the AFE Fire Congress, Monterey, CA. December 2023.

Prichard, S. AFE-TEDx talk. Reimagining fire-adapted forests: place-based adaptation strategies for western landscapes. AFE Fire Congress, Monterey, CA. December 2023.

Prichard, S., Eisenberg, C., Hessburg, P., Nelson, P., and Barbour, J. Invited briefing to White House staff on climate change and wildfires (webinar). June 29, 2023.

Prichard, S. Seminar: “Climate and wildfires in western North America: a case for proactive management.” Environmental Science Speaker Series, Western Washington University. May 18, 2023.

Prichard, S. Opening plenary talk for the Cross-boundary Workshop. Southwest Chapter for the Society for Ecological Restoration. Fort Collins, CO. May 2, 2023.

Prichard, S. Overview of the 10 Common Questions paper. Meeting with Okanogan Wenatchee National Forest Late Successional Reserve Working Group. April 4, 2023.

Hagmann, K., Hessburg, P. and Prichard, S. “Adapting western forests to climate change and wildfires.” Southwest Fire Science Consortium Webinar. January 31, 2023.

Prichard, S. “Climate change adaptation and proactive fuel reduction treatments.” Wildfire Resilience Summit, Jackson, WY. September 28, 2022.

Prichard, S. and Hagmann, K. “Public webinar: Adapting western forests to climate change and wildfires.” September 9, 2022. [online]

Prichard, S. and Hagmann, K. “CALFIRE executives webinar: Adapting western forests to climate change and wildfires.” September 1, 2022. [online]

Prichard, S. “Taming fire: panel on climate change and wildfires” Aspen Ideas Festival, Aspen, CO. June 30, 2022.

Prichard, S. “Introduction to fire ecology and fuel reduction treatments.” Fire on the Landscape: An educational fire tour on the Methow Wildlife Area, Winthrop, WA. Copresenter with Washington Department of Fish and Wildlife prescribed fire staff. June 23, 2022.

Prichard, S. “Western wildfires – adapting to a future with more fire.” Rotary District 5060 Environmental Sustainability Committee. June 16, 2022. [online]

Prichard, S. “Overview of the 3D Fuels Project.” USFS R&D Fire Science Research Community, June 16, 2022. [online]

- Prichard, S., Povak, N., Griffey, V., and Hessburg, P. “Landscape fuel treatments and wildland fire management strategies within recent large fire events of north-central Washington State.” Missoula Fire Lab Seminar, April 28, 2022. [online]
- Prichard, S. “Climate change adaptation for western forests, watersheds and communities” FEMA Region 10 Regional Interagency Steering Committee Annual Meeting. March 23, 2022.[online]
- Prichard, S. “Wildland fuel characterization for next-generation fire behavior modeling” SERDP and ESCTP Webinar Series. March 2022. [online]
- Prichard, S. “Western wildfires - adapting to a future with more fire” University of Washington Botanical Gardens Plenary, March 2, 2022. [online]
- Prichard, S. “Landscape fuel treatments and wildland fire management strategies within recent large fire events of north-central Washington State” Missoula Fire Science Lecture Series. April 28, 2022. [online]
- Prichard, S. “Common questions about adaptive forest management” Guest lecture, Environmental and Resource Management 101: Forests and Society. February 2022.
- Prichard, S., Povak, N., Lemons, R., and Griffey, V. “Landscape fuel treatments and wildland fire management strategies within recent large fire events” Northwest Fire Science Consortium Webinar. November 18, 2021.
- Prichard, S. “Common questions about adaptive forest management” Society of American Foresters, Washington Chapter. Webinar, November 11, 2021.
- Prichard, S. “Wildfire Smoke Engagement Workshop: Fire Ecology” SNAPP wildfire smoke engagement workshop. In person (Okanogan, WA). November 8, 2021.
- Prichard, S., Hessburg, P., Hagmann, K. “Common questions about adaptive forest management” UW School of Environmental and Forest Sciences Fall Seminar Series. In person. October 28, 2021.
- Prichard, S. “Rural Changes in the Methow Valley Series: Wildland Fire” Methow Conservancy Conservation Course. Webinar, October 27, 2021.
- Prichard, S., Hessburg, P., Salter, R.B. “Simulating fire-fire interactions and landscape resilience across dry to cold forest gradients in eastern Washington State” California Air Resources Board. Invited presentation. October 21, 2021.
- Prichard, S. “Common questions about adaptive forest management” Invited lecture. The Evergreen State College. October 28, 2021.
- Prichard, S., Hessburg, P., Hagmann, K. Wildfire in the West – Virtual Workshop (Institute for Journalism and Natural Resources). Western forests and wildfires: adapting western US forests to climate change and wildfires. April 22, 2021.
- Prichard, S. Northwest Fire Science Consortium – Spring Webinar Series. 3D Fuel Characterization for Improved Modeling of Wildland Fire Behavior and Smoke. March 13, 2021.
- Prichard, S. Cascadia Wildland and Urban Smoke Webinar Series. Why are Wildfires Increasing in the PNW? March 3, 2021.
- Prichard, S. SERDP Fall Symposium. Wildfires Special Session. 3D Fuels Library as Related to Inter-Project Collaboration and Shared Data. December 2, 2020.
- Prichard, S., Hessburg, P., Hagmann, K. Montana State University Fire Ecology Lecture. “Adapting Western US Forests to Climate Change and Wildfires – ten misconceptions.” October 14, 2020.
- Prichard, S. Association of Women in Science – Seattle Chapter. “Wildfires and Climate Change in the Pacific Northwest.” December 16, 2020.
- Prichard, S. WiFIRE Commons Artificial Intelligence Workshop. “Wildland Fuels Overview” November 10, 2020.
- Prichard, S. University of California Fire Science Seminar Series. “Fuel Treatments and Megafires: lessons from the large fires in north-central WA” October 1, 2020.
- Prichard, S. Washington on Fire Seminar Washington State University Graduate and Professional Student Science Policy Initiative. Why are wildfires increasing in the Pacific Northwest?” October 20, 2020.
- Prichard, S. California Forest Management Task Force Sierra and Eastside Regional Prioritization Group “Fuel Treatments and Megafires: lessons from the 2014 Carlton Complex, north-central WA” July 10, 2020.

- O'Neill, S. and Prichard, S.J. US EPA National webinar. "Introduction to the Smoke Emissions Repository Application" April 20, 2020.
- Prichard, S.J., Rowell, E., Skowronski, N. US Department of Defense Strategic Environmental and Research Development Program In-progress Review: "3D fuel characterization for evaluating physics-based fire behavior, fire effects, and smoke models on US Department of Defense military lands." October 22, 2019. Arlington, VA.
- Prichard, S.J. and Hessburg, P. WildLinks Conference: "Climate, environment, and disturbance history govern resilience of western North American forests" October 21, 2019. Cascadia Partner Forum, Vancouver, BC.
- Prichard, S.J., Loudermilk, E.L., Hudak, A., Ottmar, R.D. National Workshop for the State of Science on Smoke from Wildland Fires: Fuels and Consumption. June 5, 2019, Seattle, WA.
- Prichard, S.J. Webinar: Wildfire and Climate Change Webinar Series. Effectiveness of fuel treatment in mitigating wildfire severity – lessons from large wildfire events in the interior Pacific Northwest. May 16, 2019. Fraser Basin Council, BC.
- Kennedy, M.C. and Prichard, S.J (copresenters). Incorporating spatial autocorrelation into burn severity modeling: implications for wildland fire management. International Association of Landscape Ecology Conference, April 8, 2019. Fort Collins, CO.
- Prichard, S.J. Invited lecture: "Wildfires as a fuel treatment – lessons from recent large wildfires in the western US." April 9, 2019. Colorado State University, Fort Collins, CO.
- Prichard, S.J. Seminar: University of Idaho School of Natural Resource Seminar Series: "Wildfires as a fuel treatment - lessons from recent large wildfires in the western US." March 20, 2019. Moscow, Idaho.
- Prichard, S.J. Water's Vulnerability to Fire Workshop: "Fuel Reduction Treatments: lessons from east-side dry mixed conifer forests", November 5, 2018. Cedar River Watershed, North Bend, WA.
- Prichard, S.J. UW College of the Environment Seminar. "Western Wildfires: changing landscapes of the interior PNW." March 6, 2018. University of Washington, Seattle, WA.
- Prichard, S.J. Southern Oregon TREX presentation (public lecture): "Becoming Fire Adapted: Community & Ecosystem Resilience to Fire," May 4, 2017. Southern Oregon State University, Ashland, OR.
- Prichard, S.J. ESRM 429: Seminar Series 2017: Science and Management of The Columbia River Basin. May 2, 2017. "Changing fire regimes in the Columbia River Basin: recent large fires and management implications." UW School of Environmental and Forest Sciences, Seattle, WA.
- Prichard, S.J. Washington Smoke Management Workshop: "Communicating with our science partners: fuels and smoke emissions tools update." March 1, 2017. Okanogan-Wenatchee National Forest Supervisor's Office, Wenatchee, WA.
- Prichard, S.J. ESC 520 Seminar: "Changing fire regimes: recent large wildfire events and implications for dry forest management." November 30, 2016. UW School of Environmental and Forest Sciences, Seattle, WA.
- Prichard, S.J. UW Climate Impacts Group Seminar: "Changing fire regimes in eastern Washington: recent large wildfire events and implications for dry forest management," January 27, 2016. University of Washington, Seattle, WA.
- Prichard, S.J. Linfield College Jane Claire Dirks-Edmunds Lecture. Changing fire regimes in eastern Oregon and Washington. May 9, 2016. Linfield, OR.
- Prichard, S.J. Fire on our Side Special Session: "Past burn mosaics in the North Cascades Mountains: implications for wildland fire management." November 19, 2015. Sixth International Conference on Fire Ecology and Management, San Antonio, TX.
- Prichard, S.J. and Stevens-Rumann, C. Special Session, November 16, 2015. "Wildland fire-on-fire interactions: A review of fire-prone ecosystems and implications under a changing climate." Sixth International Conference on Fire Ecology and Management, San Antonio, TX.
- Prichard, S.J. EPA Smoke Management Meeting: "Smoke tradeoffs from prescribed and wildland fires" April 2014. Portland, OR.

- Prichard, S.J. and Smith, G. 2013. Large Wildland Fires: Social, Political and Ecological Effects special session: “When wildfires become fuel treatments: examples of the interactions of past wildfires with subsequent wildfires.” May 19-23, 2014, Large Wildfire Conference, University of Montana, Missoula, MT.
- Prichard, S.J. 2013. Western Wildfire Conference Plenary Session: “Fuel treatment effectiveness in the Tripod Fire, Washington State. 2013,” Kelowna, BC.
- Prichard, S.J. 2011. Okanogan-Wenatchee National Forest Leadership Team Meeting: “Tripod study findings to the USFS Okanogan-Wenatchee Forest Leadership Team.” Mazama, WA.
- Prichard, S.J., Kennedy, M.C., and Norheim, R. 2012. “Fire severity following the 2006 Tripod Complex fires: effect of fuel treatment, landform, and weather.” ForestSAT 2012: A Conference Promoting Science-Based Applications of Remote Sensing and Other Spatial Data in Forested Systems. Sept 11-14, 2012. Corvallis, OR.
- Prichard, S.J., and Peterson, D.L. Plenary Session: “Successional pathways and disturbance in a montane forest: interactions of fire, species dynamics, and environmental gradients.” October 2004. Association of Fire Ecology Mixed Severity Fire Regimes: Ecology and Management Conference. Spokane, WA.

CONFERENCE PRESENTATIONS

- Eisenberg, C. and Prichard, S. Introduction to special session: Braiding sweetgrass for climate adaptation strategies for North American forest landscapes. AFE Fire Congress. December, 2023.
- Hessburg, P., Prichard, S., Chamberlain, C., Cova, G., Gray, R.W., Hoagland, S., Steel, Z. “Climate adaptation challenges and strategies for montane forests of the western interior of North America.” December 2023.
- Prichard, S.J. Rowell, E., Batchelor, J., et al. 2023. Poster: “Characterizing 3D understory fuel structure and biomass in pine-dominated forests using coupled terrestrial lidar scanning and field sampling.” 2023 SERDP Symposium. Arlington, VA.
- Prichard, S.J. Rowell, E., Batchelor, J., et al. 2022. Poster: “Characterizing 3D understory fuel structure and biomass in pine-dominated forests using coupled terrestrial lidar scanning and field sampling.” 2022 SERDP Symposium. Arlington, VA.
- Greenler, S., Lake, F., Dunn, C., Prichard, S., Hessburg, P., Bailey, J., Tripp, W., and Harling, W. “Collaboratively mapping cultural fire regimes in Northern California: Co-production to advance landscape fire modeling” International Association of Landscape Ecology Conference. April 2022.
- Povak, N., Hessburg, P., Prichard, S.J. and Salter, R.B. “The REBURN model: simulating fire and vegetation dynamics in a semi-arid forested landscape.” International Association of Landscape Ecology Conference. April 2022.
- Prichard, S., Povak, N, Griffey, V. “Local and global drivers of fire severity in long unburned and reburned mixed conifer forests” International Association of Landscape Ecology Conference. April 2022.
- Cova, G., Prichard, S., Rowell, E. “Can GoPros democratize field data collection of 3D fuel structure?” 9th International Fire Ecology and Management Congress, Association of Fire Ecology. December 2021.
- Batchelor, J., Prichard, S., Nemens, D., Cronan, J., Rowell, E., and Moskal, L.M. “Terrestrial lidar scanning for fuel moisture characterization.” 9th International Fire Ecology and Management Congress, Association of Fire Ecology. December 2021.
- Rowell, E., Prichard, S. “Characterizing understory fuel structure and biomass in pine-dominated forests using coupled terrestrial lidar scanning and field sampling.” 9th International Fire Ecology and Management Congress, Association of Fire Ecology. December 2021.
- Prichard, S.J., Hessburg, P., Povak, N. and Salter, B. “Simulating fire-fire interactions and landscape resilience across dry to cold forest gradients in eastern Washington State.” International Association of Landscape Ecology Virtual Conference. April 14, 2021.
- Prichard, S.J. SERDP In-Progress Review Meeting. 3D Fuels Project Update. February 17, 2021.

- Prichard, S.J. 3D fuel characterization for evaluating physics-based fire behavior, fire effects, and smoke models on US Department of Defense military lands. SERDP Fall Symposium. Poster Session. December 4, 2020.
- O'Neill, S., Prichard, S. Introducing the Smoke Emissions Repository Application. IAWF 3rd Int'l Smoke Symposium April 21, 2020 [online].
- Prichard, S.J., Hessburg, P.H., Salter, B., Povak, N., Gray, R., Kennedy, M.C. and Peterson, D.W. "Do past burn mosaics contribute to resilient landscapes? Lessons from recent large wildfires in the interior Pacific Northwest" November 21, 2019. Association of Fire Ecology 8th International Fire Ecology and Management Conference, Tucson, AZ.
- Prichard, S.J., Gaines, W., Gray, R.W., Hessburg, P., Povak, N. and Salter, B. "Carrying capacity of fire-prone landscapes: lessons from the Reburn project for carbon and wildlife habitat dynamics" April 29, 2019. IAWF 6th International Fire Behavior and Fuels Conference, Albuquerque, NM.
- Prichard, S.J., Hessburg, P., Salter, R.B., Povak, N., and Gray, R.W. "Wildfires as fuel reduction treatments: implications for landscape resilience." April 9, 2019. International Association for Landscape Ecology Conference, Fort Collins, CO.
- Prichard, S.J., Peterson, D.W., Salter, R.B. and Povak, N. "Retrospective analysis of fuel treatment effectiveness in the Carlton Complex fires, north-central WA." May 21, 2018. IAWF/AFE Fire Continuum Conference, Missoula, MT.
- Prichard, S.J. "Lessons learned from large wildfires: landscape fuel treatments and wildland fire management strategies." 2nd Annual Cohesive Wildland Fire Management Strategy Workshop. March 28, 2018. Reno, NV.
- Prichard, S.J., Hessburg, P., Salter, R.B., Povak, N. and Gray, R.W. "Influence of past burn mosaics to future fire behavior and implications for management." AFE 7th International Fire Ecology and Management Congress, November 30, 2017. Orlando, FL.
- Prichard, S., O'Neill, S. and Lutes, D. "Evaluation of revised emissions factors for emissions prediction and smoke management." November 14-16, 2016, IAWF 2nd International Smoke Symposium, Long Beach, CA.
- Lutes, D. and Prichard, S. (co-presenters) "Assessing new emissions factors for estimating emission from prescribed and wildland fire." April 11-14, 2016, IAWF 5th International Fire Behavior and Fuels Conference, Portland, OR.
- Prichard, S., French, N. et al. "Mapping fuels for regional smoke management and emissions inventories." April 11-14, 2016, IAWF 5th International Fire Behavior and Fuels Conference, Portland, OR.
- Prichard, S., Dickinson, M., Hudak, A., et al. "SS4.3 Fuels, consumption, behavior and energy observational plans for FASMEE." November 14-16, 2016, IAWF 2nd International Smoke Symposium, Long Beach, CA.
- Prichard, S.J., Karau, E.C., Ottmar, R.D., Keane, R.E., Cronan, J.B., and Wright, C.S. 2013. "Validation of the Consume and FOFEM fuel consumption models in eastern US forests." 4th Fire Behavior and Fuels Conference, International Association of Wildland Fire, Raleigh Convention Center, NC.
- Prichard, S.J. and Kennedy, M.C. 2011. "Landscape analysis of fuel treatment and wildfire severity in north-central Washington State." Interior West Fire Ecology Conference, Snowbird, UT.
- Prichard, S.J. and Peterson, D.L. 2012. "Fire severity following the 2006 Tripod Complex fires: effects of fuel treatment, landform, and weather." Washington Prescribed Fire Conference February 2012, Wenatchee, WA.
- Prichard, S.J., Parresol, B.R., and Norheim, R.A. 2009. "Landscape analysis of surface and crown fire potentials in southeastern US forest types." 4th International Fire Ecology and Management Congress, Savannah, GA.
- Prichard, S.J. and Peterson, D.L. 2010. "Evaluating fuel treatment effectiveness in the 2006 Tripod Complex fires, Washington State, USA." 6th International Conference on Forest Fire Research, November 15-18, Coimbra, Portugal.
- Prichard, S.J., and Peterson, D.L. 2008. "Evaluating treatment effectiveness in the 2006 Tripod Complex fires." Pacific Coast Fire Conference December 1-4, San Diego, CA.

- Prichard, S.J. 2007. "Late quaternary reconstructions of fire and vegetation across an elevation gradient in the North Cascade Mountains, Washington." Cordilleran Section – 103rd Annual Meeting, Bellingham, WA.
- Prichard, S.J. and Peterson, D.L. 2004. "Holocene fire and vegetation dynamics in a montane forest, North Cascade Range, Washington, USA." Ecological Society of America Meeting, Portland, OR.
- Prichard, S.J. 2003. "Forest succession following fire along an elevation gradient, North Cascades National Park, WA." Ecological Society of America Meeting, Madison, WI.
- Prichard, S.J. 2000. "Soil carbon distribution in subalpine ecosystems of the Olympic Mountains, Washington." University of Washington Conference on Carbon, Seattle, WA.

TECHNICAL WORKSHOPS AND ECOLOGY CLASSES (INSTRUCTOR)

In addition to the formal workshops and courses listed here, I participate in wide range of outreach and technology transfer as part of my work, including questions from University and private researchers, decision support for State agencies (Washington Department of Natural Resources, Washington Department of Fish and Wildlife), tribal resource managers, other federal and state agencies, and non-profit environmental organizations.

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| Oct 2023 | Climate change, wildfires, and landscape management presentation. World Forestry Center (webinar with Paul Hessburg). |
| Sept 2023 | Planning workshop for the Smoke Emissions Reference Application, US EPA International Wildland Fire Emissions Conference, Seattle, WA. |
| March 2023 | Western Wildfires and Climate Change: a case for proactive management. Seminar. University of Vermont |
| June 2022 | Work of Wildfires Workshop. Facilitator and presenter. Washington State Department of Natural Resources [online] |
| July 2022 | Doris Duke Conservation Science Scholars Program: fire ecology, smoke and large carnivore lecture and tour with Elizabeth Walker and Lauren Saterfield (Methow Valley) |
| Apr 2020 | Methow Conservancy First Tuesday: Fire ecology and restoration lecture [online] |
| Apr 2020 | Deep dive into fire ecology and western wildfires. Great Old Broads for the Wilderness, [online] |
| Apr 2020 | Smoke management from forest to plume. IAWF 3 rd Int'l Smoke Symposium [online] |
| Nov 2019 | Smoke management from forest to plume. AFE 8 th International Fire Ecology and Management Conference, November 18, 2019. Tucson, AZ. |
| April 2019 | Fuel and Fire Tools Workshop, IAWF 6 th International Fire Behavior and Fuels Conference, April 29, 2019. Albuquerque, NM. |
| Oct 2018 | Fire ecology field course for Western Washington graduate students, Winthrop, WA |
| July 2018 | Field tour for the Doris Duke Conservation Scholars Program |
| May 2018 | Linking wildfire burn mosaic and lynx habitat modeling. May 21, 2018. IAWF/AFE Fire Continuum Conference, Missoula, MT. |
| Nov 2017 | Fuel and Fire Tools Workshop, AFE 7 th International Fire Ecology and Management Congress, November 30, 2017. Orlando, FL. |
| July 2017 | Field tour for the Doris Duke Conservation Scholars Program |
| Jan 2017 | Rx410 Smoke Management Training (FFT and FOFEM), Eagle Crest Resort and Redmond Training Center, Redmond, OR (annual from 2007) |
| Nov 2016 | Fuel and Fire Tools Workshop, IAWF 2 nd Int'l Smoke Symposium, Long Beach, CA. |
| July 2016 | Weekend fire ecology field course, North Cascades Institute, WA. |
| May 2015 | Weekend fire ecology field trip, Pacific Biodiversity Institute, WA. |
| April 2016 | Fuel and Fire Tools Workshop, IAWF 5 th Int'l Fire Behavior and Fuels Conference, Portland, OR. |
| Dec 2015 | Fuel and Fire Tools Workshop, 6 th Int'l Fire Ecology and Management Congress, San Antonio, TX. |
| July 2015 | After the fire—weekend fire ecology field course, North Cascades Institute, WA |

- May 2015 School of Environmental and Forest Science’s Spring Comes to the Cascades, Methow Field Trip, Mazama, WA (Spring 2013-2015)
- Feb 2015 Guest lecture—2014 Carlton Complex Fires: post-fire vegetation recovery. Methow Conservancy Course, Twisp, WA
- Nov 2014 Workshop on fuel and fire tools. BIA Western Fuels Workshop, Portland, OR
- Sept 2014 Guest lecture—fire ecology and management presentation, University of Idaho, Moscow, ID
- Mar 2014 Prescribed vs. Wildfire Smoke Management Tradeoffs. EPA Smoke Management Meeting, Portland, OR
- Mar 2013 Northeastern Oregon Regional Fuels Workshop, LaGrande, OR
- Nov 2012 Fuel management tools for quantifying fire behavior and effects, Northern California Prescribed Fire Council Meeting, South Lake Tahoe, CA
- Nov 2012 Guest lecture—Fire Ecology, UW-SEFS
- July 2012 Northwest Naturalist Retreat—Fire Ecology. Weekend field course July 27-30, North Cascades Institute, WA
- May 2012 Technical Fire Management module on fire and fuels management, Washington Institute, Bothell WA (May 2007 to 2012)
- Jan 2012 Guest lecture—“Get to know your neighbors: major bark beetles and defoliators of Mazama” North Cascades Basecamp winter 2012-2013 ecology talks
- Nov 2011 Southwest Regional Fuels Workshop, Interior West Fire Ecology Conference, Snowbird, UT
- Aug 2011 Southeast Regional fuels Workshop. Ichauway, GA
- Jan 2011 Guest lecture—“Introduction to Forest Ecology” Methow Conservancy Conservation Course, Twisp, WA
- Nov 2010 Fire and fuels research tools workshop. 6th International Conference on Forest Fire Research
- Aug 2010 Northwest Naturalists Weekend. Weekend fire ecology course. North Cascades Institute, Diablo, WA
- Apr 2010 Fuels Workshop - short course. Nat’l Wildland Fire Coordinating Group, Portland, OR
- Apr 2010 Landscape Analysis of Surface and Crown Fire Potential in Southeastern US Forest Types. Region 8 presentation, Atlanta, GA
- Nov 2009 Fire and fuel tools workshop. 4th International Congress on Fire Ecology and Management, Savannah, GA
- Sept 2009 Fuel Treatment Effects Monitoring Workshop. Missoula, MT
- Apr 2009 PNW Regional Fuels Workshop. Bend, OR
- Apr 2009 FCCS presentation to the National Interagency Fire Center. Boise, ID
- Mar 2009 BIA Northwest and Rocky Mountains Fire and Fuels Meeting. Missoula, MT
- Mar 2009 Okanogan-Wenatchee National Forest Fuels Workshop. Wenatchee, WA
- Dec 2008 Southwest Regional Fuels Workshop. Pacific Coast Fire Conference, San Diego, CA
- Aug 2008 Pacific Northwest Forest Ecology. North Cascades Institute field course. Diablo, WA
- May 2008 Southeast Regional Fuels Workshop. Orlando, FL
- Apr 2008 Northern Idaho Regional Fuels Short Course. University of Idaho, Moscow, ID
- Mar 2008 Fort Gordon Regional Fuels Workshop. Augusta, GA
- Feb 2008 Northern Rockies Regional Fuels Workshop. Missoula, MT
- Jan 2008 Okanogan-Wenatchee National Forest Fuels Workshop. Wenatchee, WA
- July 2007 North Cascades Institute forest ecology weekend field course. Diablo, WA
- Apr 2007 Northern Idaho Fuels Workshop. University of Idaho, Moscow, ID
- Apr 2007 Southwest Regional Fuels Workshop, Albuquerque, NM
- Mar 2007 Southeastern Regional Fuels Workshop – short course, 2nd Fire Behavior and Fuels Conference, Destin, FL.
- Mar 2007 Southern California Regional Fuels Workshop, San Luis Obispo, CA
- Nov 2006 Northeastern Regional Fuels Workshop, OH
- Aug 2006 Alaska Regional Fuels Workshop (FCCS, Consume), Fairbanks, AK
- July 2006 Roots of Biodiversity North Cascades Institute. (July 28-30), Diablo, WA
- May 2006 PNW Regional Fuels Workshop, Bend, OR

Feb 2006 Hawaii Regional Fuels Workshop, Hilo, HI
Jan 2006 Southeast Regional Fuels Workshop, Joseph Jones Center, Ichauway, GA