

CURRICULUM VITAE

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NAME William H. Romme

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Colorado State University
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EDUCATION

1970 B.A., Chemistry, University of New Mexico
1977 M.S., Botany (Plant Ecology), University of Wyoming
1979 Ph.D., Botany (Plant Ecology), University of Wyoming

ACADEMIC POSITIONS

(2012 – present) Research scientist, Natural Resource Ecology Laboratory,
Colorado State University
(2001–2011) Professor, Fire Ecology, Department of Forest, Rangeland, and
Watershed Stewardship, Colorado State University, CO
(1982 – 2001) Assistant Professor, Associate Professor, and Professor,
Department of Biology, Fort Lewis College, Durango, CO.
(1979 – 1982) Assistant Professor, Biology, Department of Natural Science,
Eastern Kentucky University, Richmond, KY.

SABBATICALS

(2007 – 2008) Université Laval, Québec, Qc, Canada, Professeur Visitant
(1997 – 1998) Harvard University, Harvard Forest, Petersham, MA, Bullard
Fellow
(1989 – 1990) Oak Ridge National Laboratory, Environmental Sciences Division,
Oak Ridge, TN, Visiting Scientist

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

2004-2008 ... Associate Director for Research, Colorado Forest Restoration Institute,
Colorado State University
1998-2007 ... Coordinating Editor for *Landscape Ecology*
1986-present ... Member of Ecological Society of America
1982-present ... Manuscript reviewer for *Ecology*, *Nature*, *PNAS*, *BioScience*, *Journal of Ecology*, *Forest Ecology and Management*, *Canadian Journal of Forest Research*, *Landscape Ecology*, *Journal of Vegetation Science*, *American Midland*

Naturalist, Arctic & Alpine Research, Ecoscience, Southwestern Naturalist, International Journal of Wildland Fire, Fire Ecology, Natural Areas Journal, Conservation Biology, and University Press of Colorado
1982-present ... Proposal reviewer for National Science Foundation, USDA Competitive Grants Program, National Park Service, Nature Conservancy
1990-present ... Book prospectus reviewer for Island Press and University Press of Colorado
1986-1989 ... Treasurer for the U.S. Chapter of the International Association for Landscape Ecology.

HONORS AND AWARDS

1985 ... Received the first W. S. Cooper Award from the Ecological Society of America for an outstanding paper in geobotany or physiographic ecology.

PUBLISHED WORKS

Refereed Journal Articles: (in chronological order beginning with most recent)

- Romme, Bill. 2023. Sustaining both sagebrush and piñon-juniper ecosystems. 2023. On Land (journal of Western Land Owners Alliance) 7:20-21.
- Kiel, N.G., W.H. Romme, and M.G. Turner. 2023. Snag-fall patterns following stand-replacing fire vary with stem characteristics and topography in subalpine forests of Greater Yellowstone. *Forest Ecology and Management* 549 (2023) 121485
- Vorster, A.G., and 25 additional co-authors. 2023. Metrics and Considerations for Evaluating How Forest Treatments Alter Wildfire Behavior and Effects. *Journal of Forestry*, 2023, **XX**, 1–18. <https://doi.org/10.1093/jofore/fvad036> Advance access publication 14 August 2023.
- Floyd, M.L., W.H. Romme, and D.D. Hanna. 2021. Effects of Recent Wildfires in Piñon-Juniper Woodlands of Mesa Verde National Park, Colorado, USA. *Natural Areas Journal* 41(1):28-38. URL: <https://doi.org/10.3375/043.041.0105>
- Woodward, B.D., W.H. Romme, and P.H. Evangelista. 2020. Early postfire response of a northern range margin coast redwood forest community. *Forest Ecology and Management* 464:117966 (<https://doi.org/10.1016/j.foreco.2020.117966>)
- Turner, M. G., T. G. Whitby, and W. H. Romme. 2019. Feast not famine: Nitrogen pools recover rapidly in 25-yr-old postfire lodgepole pine. *Ecology* 100(3):e02626.
- Hanna, D.P., D.A. Falk, T.W. Swetnam, and W.H. Romme. 2018. Age-related climate sensitivity in *Pinus edulis* at Dinosaur National Monument, Colorado, USA. *Dendrochronologia* 52:40–47.
- Nelson, K.N., M.G. Turner, W.H. Romme, and D.B. Tinker. 2017. Simulated fire behavior in young, postfire lodgepole pine forests. *International Journal of Wildland Fire* 26:852–865
- Young, N. E., W. H. Romme, P. H. Evangelista, T. Mengistu, and A. Worede. 2017. Variation in population structure of montane forest tree species in Ethiopia guides priorities for conservation and research. *Biotropica* 49:309-317.

- Floyd, M. L., W. H. Romme, D. P. Hanna, and D. D. Hanna. 2017. Historical and modern fire regimes in piñon-juniper woodlands, Dinosaur National Monument, USA. *Rangeland Ecology and Management* 70:348–355.
- Romme, W. H., T. G. Whitby, D. B. Tinker, and M. G. Turner. 2016. Deterministic and stochastic processes lead to divergence in plant communities 25 years after the 1988 Yellowstone fires. *Ecological Monographs* 86(3):327-351.
- Turner, M. G., T. G. Whitby, D. B. Tinker, and W. H. Romme. 2016. Twenty-four years after the Yellowstone Fires: Are postfire lodgepole pine stands converging in structure and function? *Ecology* 97(5):1260-1273.
- Floyd, M. L., W. H. Romme, M. E. Rocca, D. P. Hanna, and D. D. Hanna. 2015. Structural and regenerative changes in old-growth piñon–juniper woodlands following drought-induced mortality. *Forest Ecology and Management* 341:18-29.
- Harvey, B.J., D.C. Donato, W.H. Romme, and M.G. Turner. 2014. Fire severity and tree regeneration following bark beetle outbreaks: the role of outbreak stage and burning conditions. *Ecological Applications* 24(7):1608-1625.
- Meunier, J., P.M. Brown, and W.H. Romme. 2014. Tree recruitment in relation to climate and fire in northern Mexico. *Ecology* 95(1):197-209.
- Meunier, J., W.H. Romme, and P.M. Brown. 2014. Climate and land-use effects on wildfire in northern Mexico, 1650–2010. *Forest Ecology and Management* 325:49-59.
- Nelson, K.N., M.E. Rocca, M. Diskin, C.F. Aoki, and W.H. Romme. 2014. Predictors of bark beetle activity and scale-dependent spatial heterogeneity change during the course of an outbreak in a subalpine forest. *Landscape Ecology* 29:97-109.
- Binkley, D., A. Alsanousi, and W.H. Romme. 2014. Age structure of aspen forests on the Uncompahgre Plateau, Colorado. *Canadian Journal of Forest Research* 44:836-841.
- Turner, M.G., D.C. Donato, and W.H. Romme. 2013. Consequences of spatial heterogeneity for ecosystem services in changing forest landscapes: priorities for future research. *Landscape Ecology* 28:1081-1097.
- Harvey, B.J., D.C. Donato, W.H. Romme, and M.G. Turner. 2013. Influence of recent bark beetle outbreak on fire severity and postfire tree regeneration in montane Douglas-fir forests. *Ecology* 94:2475-2486.
- Stephens, S.L., J.K. Agee, P.Z. Fule, M.P. North, W.H. Romme, T.W. Swetnam, and M.G. Turner. 2013. Managing forests and fire in changing climate. *Science* 342:41-42 (Policy forum, 4 October 2013)
- Kashian, D.M., W.H. Romme, D.B. Tinker, M.G. Turner, and M.G. Ryan. 2013. Postfire changes in forest carbon storage over a 300-year chronosequence of *Pinus contorta*-dominated forests. *Ecological Monographs* 83(1):49-66.
- Donato, D.C., B.J. Harvey, W.H. Romme, and M.G. Turner. 2013. Bark beetle effects on fuel profiles across a range of stand structures in Douglas-fir forests of Greater Yellowstone. *Ecological Applications* 23:3-20.
- Sherrill, K.R., and W.H. Romme. 2012. Spatial variation in postfire cheatgrass: Dinosaur National Monument, USA. *Fire Ecology* 8(2):38-56.

- Simard, M., W.H. Romme, J.M. Griffin, and M.G. Turner. 2012. Do mountain pine beetle outbreaks change the probability of active crown fire in lodgepole pine forests? Reply. *Ecology* 93(4):946-950.
- Floyd, M.L., and W.H. Romme. 2012. Ecological restoration priorities and opportunities in piñon-juniper woodlands. *Ecological Restoration* 30(1):37-49.
- Romme, W.H., M.S. Boyce, R. Gresswell, E.H. Merrill, G.W. Minshall, C. Whitlock, and M.G. Turner. 2011. Twenty years after the 1988 Yellowstone fires: Lessons about disturbance and ecosystems. *Ecosystems* 14(7):1196-1215. DOI: 10.1007/s10021-011-9470-6.
- Turner, M.G., W.H. Romme, E.A.H. Smithwick, D.B. Tinker, and J. Zhu. 2011. Variation in aboveground cover influences soil nitrogen availability at fine spatial scales following severe fire in subalpine conifer forests. *Ecosystems* (*in press*).
- Westerling A.L., M.G. Turner, E.A.H. Smithwick, W.H. Romme and M.G. Ryan. 2011. Continued warming could transform Greater Yellowstone fire regimes by mid-21st Century. *Proceedings of the National Academy of Sciences* 108(32):13165-13170. www.pnas.org/cgi/doi/10.1073/pnas.1110199108.
- Simard, M., W.H. Romme, J.M. Griffin, and M.G. Turner. 2011. Do mountain pine beetle outbreaks change the probability of active crown fire in lodgepole pine forests? *Ecological Monographs* 81:3-24.
- Aoki, C.F., W.H. Romme, and M.E. Rocca. 2011. Lodgepole pine seed viability following tree death from mountain pine beetle attack in Colorado. *American Midland Naturalist* 165(2):446-451.
- Diskin, M., M.E. Rocca, K. Nelson, C. Aoki, and W.H. Romme. 2011. Forest regeneration trajectories in mountain pine beetle-disturbed forests of Rocky Mountain National Park. *Canadian Journal of Forest Research* 41: 782–792.
- Romme, W, C. Allen, J. Bailey, W. Baker, B. Bestelmeyer, P. Brown, K. Eisenhart, L. Floyd-Hanna, D. Huffman, B. Jacobs, R. Miller, E. Muldavin, T. Swetnam, R. Tausch, and P. Weisberg. 2009. Historical and modern disturbance regimes of piñon-juniper vegetation in the western United States. *Rangeland Ecology and Management* 62:203-222.
- Turner, M.G., E.A.H. Smithwick, D.B. Tinker, and W.H. Romme. 2009. Variation in foliar nitrogen and aboveground net primary production in young postfire lodgepole pine. *Canadian Journal of Forest Research* 39:1024-1035.
- Smithwick, E. A. H., M. G. Ryan, D. M. Kashian, W. H. Romme, D. B. Tinker and M. G. Turner. 2009. Modeling the effects of fire and climate change on carbon and nitrogen storage in lodgepole pine (*Pinus contorta*) stands. *Global Change Biology* 15:535-548.
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- Jacobs, B.F., W.H. Romme, and C.D. Allen. 2008. Mapping “old” vs. “young” piñon-juniper stands with a predictive topo-climatic model. *Ecological Applications* 18:1627-1641.
- Raffa, K.F., B.H. Aukema, B.J. Bentz, A.L. Carroll, J.A. Hicke, M.G. Turner, and W.H. Romme. 2008. Cross-scale drivers of natural disturbances prone to anthropogenic

- amplification: the dynamics of bark beetle eruptions. *BioScience* 58:501-517 (doi:10.1641/B580607).
- Floyd, M.L., W.H. Romme, D.D. Hanna, M. Winterowd, D. Hanna, and J. Spence. 2008. Fire history of piñon-juniper woodlands on Navajo Point, Glen Canyon National Recreation Area. *Natural Areas Journal* 28(1):26-36.
- Metzger, K.L., E.A.H. Smithwick, D.B. Tinker, W.H. Romme, T.C. Balsler, and M.G. Turner. 2008. Influence of coarse wood and pine saplings on nitrogen mineralization and microbial communities in young post-fire *Pinus contorta*. *Forest Ecology and Management* 256:59-67.
- Theobald, D.M. and W.H. Romme. 2007. Expansion of the US wildland-urban interface. *Landscape and Urban Planning* 88:340-354.
- Kashian, D. M., W. H. Romme, and C. M. Regan. 2007. Variation in quaking aspen dynamics and decline in the northern Colorado Front Range, U.S.A. *Ecological Applications* 17:1296-1311.
- Turner, M. G., D. M. Turner, W. H. Romme, and D. B. Tinker. 2007. Cone production in young post-fire *Pinus contorta* stands in Greater Yellowstone (USA). *Forest Ecology and Management* 242:119-206.
- Turner, M. G., E. A. H. Smithwick, K. L. Metzger, D. B. Tinker and W. H. Romme. 2007. Inorganic nitrogen availability following severe stand-replacing fire in the Greater Yellowstone Ecosystem. *Proceedings of the National Academy of Sciences* 104:4782-4789.
- Kashian, D. M., W. H. Romme, D. B. Tinker, M. G. Turner, and M. G. Ryan. 2006. Carbon storage on landscapes with stand-replacing fire. *BioScience* 56:598-606.
- Metzger, K. L., W. H. Romme, and M. G. Turner. 2006. Foliar nitrogen patterns following stand-replacing fire in lodgepole pine (*Pinus contorta* var. *latifolia*) forests of the Rocky Mountains, USA. *Forest Ecology and Management* 227:22-30.
- Floyd, M. L., D. Hanna, W. H. Romme, and T. Crews. 2006. Predicting and mitigating weed invasions to restore natural post-fire succession in Mesa Verde National Park, Colorado, USA. *International Journal of Wildland Fire* 15:247-259.
- Romme, W. H., P. J. Barry, D. D. Hanna, M. L. Hanna, and S. White. 2006. A wildfire hazard assessment and map for La Plata Country, Colorado, USA. *Fire Ecology* 2:7-30 (on-line journal).
- Binkley, D., M. M. Moore, W. H. Romme, and P. M. Brown. 2005. Was Aldo Leopold right about the Kaibab deer herd? *Ecosystems* 9:1-16.
- Schoennagel, T., T. T. Veblen, W. H. Romme, J. S. Sibold, and E. R. Cook. 2005. ENSO and PDO variability affect drought-induced fire occurrence in Rocky Mountain subalpine forests. *Ecological Applications* 15:2000-2014.
- Breshears, D. D., N. S. Cobb, P. M. Rich, K. P. Price, C. D. Allen, R. G. Balice, W. H. Romme, J. H. Kastens, M. L. Floyd, J. Belnap, J. J. Anderson, O. B. Myers, and C. W. Meyer. 2005. Regional vegetation die-off in response to global-change-type drought. *Proceedings of the National Academy of Sciences* 102(42):15144-15148.
- Kashian, D. M., M. G. Turner, and W. H. Romme. 2005. Variability in leaf area and stemwood increment along a 300-year lodgepole pine chronosequence. *Ecosystems* 8:48-61.

- Kashian, D. M., M. G. Turner, W. H. Romme, and C. G. Lorimer. 2005. Variability and convergence in stand structural development on a fire-dominated subalpine landscape. *Ecology* 86(3):643-654.
- Romme, W. H., M. G. Turner, G. A. Tuskan, and R. A. Reed. 2005. Establishment, persistence, and growth of aspen (*Populus tremuloides*) seedlings in Yellowstone National Park. *Ecology* 86(2):404-418.
- Turner, M. G., D. B. Tinker, W. H. Romme, D. M. Kashian, and C. M. Litton. 2004. Landscape patterns of sapling density, leaf area, and aboveground net primary production in postfire lodgepole pine forests, Yellowstone National Park (USA). *Ecosystems* 7:751-775.
- Grissino-Mayer, H. D., W. H. Romme, M. L. Floyd, and D. D. Hanna. 2004. Climatic and human influences on fire regimes of the southern San Juan Mountains, Colorado, USA. *Ecology* 85:1708-1724.
- Schoennagel, T., T. T. Veblen, and W. H. Romme. 2004. The interaction of fire, fuels, and climate across Rocky Mountain forests. *BioScience* 54:661-676.
- Schoennagel, T., D. M. Waller, M. G. Turner, and W. H. Romme. 2004. The effect of fire interval on post-fire understorey communities in Yellowstone National Park. *Journal of Vegetation Science* 15:797-806.
- Floyd, M. L., D. D. Hanna, and W. H. Romme. 2004. Historical and recent fire regimes in piñon-juniper woodlands on Mesa Verde, Colorado, USA. *Forest Ecology and Management* 198:269-289.
- Schoennagel, T., M.G. Turner, and W.H. Romme. 2003. The influence of fire interval and serotiny on postfire lodgepole pine density in Yellowstone National Park. *Ecology* 84:2967-2978.
- Turner, M. G., W. H. Romme, and D. B. Tinker. 2003. Surprises and lessons from the 1988 Yellowstone fires. *Frontiers in Ecology and the Environment* 1:351-358.
- Turner, M. G., W. H. Romme, R. A. Reed and G. A. Tuskan. 2003. Postfire aspen seedling recruitment across the Yellowstone (USA) landscape. *Landscape Ecology* 18: 127-140.
- Tinker, D. B., W. H. Romme, and D. G. Despain. 2003. Historic range of variability in landscape structure in subalpine forests of the Greater Yellowstone Area, USA. *Landscape Ecology* 18:427-439.
- Kaufmann, M. R., K. C. Ryan, P. Z. Fule, and W. H. Romme. 2003. Using tree recruitment patterns and fire history to guide restoration of an unlogged ponderosa pine/Douglas-fir landscape in the southern Rocky Mountains after a century of fire suppression. *Forestry* 76:231-241.
- McGarigal, K., W. H. Romme, M. Crist, and E Roworth. 2001. Cumulative effects of roads and logging on landscape structure in the San Juan Mountains, Colorado (USA). *Landscape Ecology*, 16:327-349
- Turner, M.G., W.H. Romme, and R.H. Gardner. 2001. Regeneration of plants in relation to fire severity and mode of reproduction following the Yellowstone fires of 1988. *International Journal of wildland fire*.
- Erwin, E. A., M. G. Turner, R. L. Lindroth, and W. H. Romme. 2001. Secondary plant compounds in seedling and mature aspen (*Populus tremuloides*) in Yellowstone National Park, Wyoming. *American Midland Naturalist* 145:299-308.

- Floyd, M.L., W.H. Romme, and D. Hanna. 2000. Fire history and vegetation pattern in Mesa Verde National Park. *Ecological Applications* 10:1666-1680.
- Lynch, D.L., W.H. Romme, and M. L. Floyd. 2000. Forest restoration in southwestern ponderosa pine. *Journal of Forestry* 98:17-24.
- Hargrove, W.W., R.H. Gardner, M.G. Turner, W.H. Romme, and D.G. Despain. 2000. Simulating fire patterns in heterogeneous landscapes. *Ecological Modelling* 135:243-263.
- Turner, M. G., W. H. Romme, and R. H. Gardner. 1999. Prefire heterogeneity, fire severity, and early postfire plant reestablishment in subalpine forests of Yellowstone National Park, Wyoming. *International Journal of Wildland Fire* 9: 21-36.
- Reed, R. A., M. E. Finley, W. H. Romme, and M. G. Turner. 1999. Aboveground net primary production and leaf-area index in early postfire vegetation in Yellowstone National Park. *Ecosystems* 2:88-94.
- Stevens, M.T., M.G. Turner, G.A. Tuskan, W.H. Romme, L.E. Gunter, and D.M. Waller. 1999. Genetic variation in postfire aspen seedlings in Yellowstone National Park. *Molecular Ecology* 8:1769-1780.
- Romme, W. H., E. H. Everham, L. E. Frelich, M. A. Moritz, and R. E. Sparks. 1998. Are large, infrequent disturbances qualitatively different from small, frequent disturbances? *Ecosystems* 1:524-534.
- Turner, M. G., W. H. Romme, R. H. Gardner, and W. W. Hargrove. 1997. Effects of fire size and pattern on early succession in Yellowstone National Park. *Ecological Monographs* 67:411-433.
- Romme, W.H., M.G. Turner, R.H. Gardner, W.W. Hargrove, G.A. Tuskan, D.G. Despain, and R. Renkin. 1997. A rare episode of sexual reproduction in aspen (*Populus tremuloides* Michx.) following the 1988 Yellowstone fires. *Natural Areas Journal* 17:17-25.
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- Wu, Y., M.G. Turner, L.L. Wallace, and W.H. Romme. 1996. Elk survival following the 1988 Yellowstone fires: A simulation experiment. *Natural Areas Journal* 16:198-207.
- Wallace, L.L., M.G. Turner, W.H. Romme, R.V. O'Neill, and Y. Wu. 1995. Scale of heterogeneity of forage production and winter foraging by elk and bison. *Landscape Ecology* 10:75-83.
- Romme, W. H., L. Bohland, C. Persichetty, and T. Caruso. 1995. Germination ecology of some common forest herbs in Yellowstone National Park, Wyoming, U.S.A. *Arctic and Alpine Research* 27:407-412.
- Romme, W.H., M.G. Turner, L.L. Wallace, and J. Walker. 1995. Aspen, elk, and fire in northern Yellowstone National Park. *Ecology* 76:2097-2106.
- Pearson, S.M., M.G. Turner, L.L. Wallace, and W.H. Romme. 1995. Scale and pattern of winter habitat use by ungulates following fires in northern Yellowstone National Park. *Ecological Applications* 5:744-755.
- Tinker, D.B., W.H. Romme, W.W. Hargrove, R.H. Gardner, and M.G. Turner. 1994. Landscape-scale heterogeneity in lodgepole pine serotiny. *Canadian Journal of Forest Research* 24:897-903.

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- Turner, M. G., W. W. Hargrove, R. H. Gardner, and W. H. Romme. 1994. Effects of fire on landscape heterogeneity in Yellowstone National Park, Wyoming. *Journal of Vegetation Science* 5:731-742.
- Turner, M.G., W.H. Romme, and R.H. Gardner. 1994. Landscape disturbance models and the long-term dynamics of natural areas. *Natural Areas Journal* 14:3-11.
- Turner, M.G., and W.H. Romme. 1994. Landscape dynamics in crown fire ecosystems. *Landscape Ecology* 9:59-77.
- Turner, M.G., W.H. Romme, R.H. Gardner, R.V. O'Neill, and T.K.Kratz. 1993. A revised concept of landscape equilibrium: disturbance and stability on scaled landscapes. *Landscape Ecology* 8:213-227.
- Turner, M.G., Y. Wu, W.H. Romme, and L.L. Wallace. 1993. A landscape simulation model of winter foraging by large ungulates. *Ecological Modelling* 69:163-184.
- Jakubos, B., and W.H. Romme. 1993. Invasion of subalpine meadows by lodgepole pine in Yellowstone National Park. *Arctic and Alpine Research* 25:382-390.
- O'Neill, R.V., R.H. Gardner, M.G. Turner, and W.H. Romme. 1992. Epidemiology theory and disturbance spread across landscapes. *Landscape Ecology*.
- Romme, W.H., and M.G. Turner. 1991. Implications of global climate change for biogeographic patterns in the Greater Yellowstone ecosystem. *Conservation Biology* 5:373-386.
- Anderson, J.E., and W.H. Romme. 1991. Initial floristics in lodgepole pine (*Pinus contorta*) forests following the 1988 Yellowstone fires. *International Journal of Wildland Fire* 1:119-124.
- Romme, W.H., and D.G. Despain. 1989. Historical perspective on the Yellowstone fires of 1988. *BioScience* 39:695-699.
- Romme, W.H., D.H. Knight, and J.B. Yavitt. 1986. Mountain pine beetle outbreaks in the Rocky Mountains: Regulators of primary productivity? *American Naturalist* 127:484-494.
- Romme, W.H. and D.H. Knight. 1982. Landscape diversity: The concept applied to Yellowstone Park. *BioScience* 32:664-670.
- Romme, W.H. 1982. Fire and landscape diversity in subalpine forests of Yellowstone National Park. *Ecological Monographs* 52:199-221.
- Romme, W.H. and D.H. Knight. 1981. Fire frequency and subalpine forest succession along a topographic gradient in Wyoming. *Ecology* 62:319-326.

Non-Refereed Journal Articles:

- Romme, W. H., and D. B. Tinker. 2006. In praise of the lowly lodgepole. *Yellowstone Science* 14(1):13-16.
- Romme, W.H., L. Floyd-Hanna, and M. Connor. 1993. Effects of fire on cultural resources in Mesa Verde National Park. *Park Science* 13:28-30.
- Romme, W.H., and M.G. Turner. 1992. Global climate change in the Greater Yellowstone ecosystem. *Yellowstone Science* 1(1):2-5.

- Romme, W.H., and D.G. Despain. 1989. The Yellowstone fires. *Scientific American* 261:36-46.
- Romme, W.H., and D.G. Despain. 1989. The long history of fire in the Greater Yellowstone ecosystem. *Western Wildlands* 15:10-17.

Refereed Chapters in Books:

- Turner, M. G., D. C. Donato, W. D. Hansen, B. J. Harvey, W. H. Romme, and A. L. Westerling. 2016. Climate change and novel disturbance regimes in national park landscapes. Pages 77-101 In: S. R. Beissinger, D. D. Ackerly, H. Doremus, and G. Machlis, editors. *Science, conservation, and national parks*. University of Chicago Press, Chicago, IL .
- Romme, W.H., J.A. Wiens, and H.D. Safford. 2012. Setting the stage: theoretical and conceptual background of historical range of variation. Pages 3-18 in: Wiens, J.A., G.D. Hayward, H.D. Safford, and C.M. Giffen (editors), *Historical environmental variation in conservation and natural resource management*. Wiley-Blackwell, John Wiley and Sons, West Sussex, UK.
- Romme, W.H., G.D. Hayward, and C. Regan. 2012. A framework for applying the historical range of variation concept to ecosystem management. Pages 246-262 in: Wiens, J.A., G.D. Hayward, H.D. Safford, and C.M. Giffen (editors), *Historical environmental variation in conservation and natural resource management*. Wiley-Blackwell, John Wiley and Sons, West Sussex, UK.
- Wiens, J.A. H.D. Safford, K. McGarigal, W.H. Romme, and M. Manning. 2012. What is the scope of “history” in historical ecology? Pages 63-75 in: Wiens, J.A., G.D. Hayward, H.D. Safford, and C.M. Giffen (editors), *Historical environmental variation in conservation and natural resource management*. Wiley-Blackwell, John Wiley and Sons, West Sussex, UK.
- McGarigal, K., and W.H. Romme. 2012. Modeling historical range of variability at a range of scales: an example application. Pages 128-146 in: Wiens, J.A., G.D. Hayward, H.D. Safford, and C.M. Giffen (editors), *Historical environmental variation in conservation and natural resource management*. Wiley-Blackwell, John Wiley and Sons, West Sussex, UK.
- Veblen, T.T., W.H. Romme, and C. Regan. 2012. Regional application of historical ecology at ecologically defined scales: forest ecosystems in the Colorado Front Range. Pages 149-165 in: Wiens, J.A., G.D. Hayward, H.D. Safford, and C.M. Giffen (editors), *Historical environmental variation in conservation and natural resource management*. Wiley-Blackwell, John Wiley and Sons, West Sussex, UK
- Turner, C.E., W. Romme, J. Chew, M.E. Miller, G. Leavesley, L. Floyd-Hanna, G. San Miguel, N. Cobb, R. Zirbes, R. Viger, and K. Ironside. 2008. The Frame project—a collaborative modeling approach to natural resource management at Mesa Verde National Park, Colorado. Pages 23-41 in van Riper, C. III and M.K. Sogge (editors), *The Colorado Plateau III: Integrating research and resources management for effective conservation*. University of Arizona Press, Tucson.
- Kaufmann, M. R., P. Z. Fule, W. H. Romme, and K. C. Ryan. 2005. Restoration of ponderosa pine forests in the interior western U.S. after logging, grazing, and fire

- suppression. Pages 481-500 in: Stanturf, J. A., and P. Madsen (editors), Restoration of Boreal and temperate forests. CRC Press, Boca Raton.
- Romme, W. H. 2005. The importance of multiscale spatial heterogeneity in wildland fire management and research. Pages 353-366 in: Lovett, G. M., C.G. Jones, M. G. Turner, and K. C. Weathers (editors), Ecosystem Function in Heterogeneous Landscapes. Springer-Verlag, NY.
- Romme, W. H., and M. G. Turner. 2004. Ten years after the 1988 Yellowstone fires: Is restoration needed? Pages 318-361 in: Wallace, L. L. (editor), After the fires: The ecology of change in Yellowstone National Park. Yale University Press, New Haven & London.
- Wallace, L. L., M. B. Coughenour, M. G. Turner, and W. H. Romme. 2004. Fire patterns and ungulate survival in northern Yellowstone Park: the results of two independent models. Pages 299-317 in: Wallace, L. L. (editor), After the fires: The ecology of change in Yellowstone National Park. Yale University Press, New Haven & London.
- Romme, W. H., M. G. Turner, D. B. Tinker, and D. H. Knight. 2004. Emulating natural forest disturbance in the wildland-urban interface of the Greater Yellowstone Ecosystem of the United States. Pages 243-250 in: Perera, A. H., L. J. Buse, and M. G. Weber. 2004. Emulating natural forest landscape disturbances: Concepts and Applications. Columbia University Press, New York.
- Romme, W. H., M. Preston, D. L. Lynch, P. Kemp, L. Floyd-Hanna, D. D. Hanna, and S. Burns. 2003. The ponderosa pine forest partnership in southwestern Colorado: Ecology, economics, and community involvement in forest restoration. Pages 99-125 in: Friederici, P. (editor) Ecological restoration of southwestern ponderosa pine forests. Island Press and Ecological Restoration Institute, Northern Arizona University.
- Romme, W. H., L. Floyd, D. Hanna, and J. S. Redders. 2000. Using natural disturbance regimes to mitigate forest fragmentation in the central Rocky Mountains. Chapter 18 in: Knight, R. L., F. W. Smith, S. W. Buskirk, W. H. Romme, and W. L. Baker (editors), Forest fragmentation in the southern Rocky Mountains, University Press of Colorado.
- Gardner, R. H., W. H. Romme, and M. G. Turner. 1999. Predicting forest fire effects at landscape scales. Chapter 7 (p. 163-185) in: Mladenoff, D. J., and W. L. Baker (editors), Spatial modeling of forest landscape change: approaches and applications. Cambridge University Press.
- Romme, W.H. Creating pseudo-rural landscapes in the mountain west. 1997. Chapter 8 in: Nassauer, J., and D. Karasov (editors), Placing nature: culture and landscape ecology. Island Press.

Non-Refereed Chapters in Books:

- White, P. S., J. Harrod, W. H. Romme, and J. Betancourt. 1999. Disturbance and temporal dynamics. Pages 281-312 in: Johns, N. C., A. J. Malk, W. T. Sexton, and R. Szaro(editors), Ecological stewardship: a common reference for ecosystem management. Elsevier Science LTD., Oxford, England.
- Romme, W. H., R. L. Knight, W. L. Baker, F. W. Smith, and S. W. Buskirk. 2000. What have we learned about forest fragmentation in the southern Rocky Mountains?

Chapter 21 in: Knight, R. L., F. W. Smith, S. W. Buskirk, W. H. Romme, and W. L. Baker (editors), Forest fragmentation in the southern Rocky Mountains. University Press of Colorado.

Refereed Proceedings/Transactions:

- Romme, W.H., Piñon-Juniper Is Not Just One Vegetation Type: Key Variation in Composition, Structure, And Disturbance Dynamics, With Implications for Wildlife and Ecosystem Management. 2020. Pages 1-4 in: Malcolm, Karl; Dykstra, Brian; Johnson, Kristine; Lightfoot, David; Muldavin, Esteban; Ramsey, Marikay. 2020. **Symposium Proceedings on Piñon-Juniper Habitats: Status and Management for Wildlife–2016**. Proceedings RMRS-P-77. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. 128 p.
- Romme, W. H., M. L. Floyd-Hanna, and D. D. Hanna. 2003 Ancient piñon-juniper forests of Mesa Verde and the West: A cautionary note for forest restoration programs. In: Proceedings of the conference on Fire, Fuel Treatments, and Ecological Restoration: Proper Place, Appropriate Time, held at Colorado State University, April 2002. USDA Forest Service Proceedings RMRS-P-29.
- Romme, W. H., L. Floyd-Hanna, D. D. Hanna, and E. Bartlett. 2001. Aspen's ecological role in the West. Pages 243-259 in: Shepperd, W. D., D. Binkley, D. L. Bartos, T. J. Stohlgren, and L. G. Eskew (compilers), Sustaining aspen in western landscapes: symposium proceedings; 13-15 June 2000; Grand Junction, CO. USDA Forest Service, Rocky Mountain Research Station, Proceedings RMRS-P-18.
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- Ellis, M., C.D. von Dohlen, J.E. Anderson, and W.H. Romme. 1994. Some important factors affecting density of lodgepole pine seedlings following the 1988 Yellowstone fires. Pages 139-150 in: Despain, D. (editor), Plants and their environments: proceedings of the first biennial scientific conference on the Greater Yellowstone Ecosystem. NPS/NRYE/NRTR-93/XX. USDI National Park Service, Natural Resources Publication Office, Denver, CO.
- Romme, W.H. and W.H. Martin. 1982. Natural disturbance by tree falls in old-growth mixed mesophytic forest: Lilley Cornett Woods, Kentucky. Pages 367-383 in: Muller, R.N. (ed.), Proc. of the Fourth Central Hardwoods Conference, Univ. of Kentucky, Lexington.

Non-Refereed Proceedings/Transactions:

- Romme, W. H., T. T. Veblen, M. R. Kaufmann, R. Sheriff, and C. M. Regan. 2003. Historical (pre-1860) and current (1860-2002) fire regimes in the Hayman landscape. In: Graham, R. T. (Technical Editor), Hayman fire case study analysis. USDA Forest Service General Technical Report RMRS-GTR-114.

- Romme, W. H., M. R. Kaufmann, T. T. Veblen, R. Sheriff, and C. M. Regan. 2003. Historical (pre-1860) and current (1860-2002) forest and landscape structure in the Hayman area. In: Graham, R. T. (Technical Editor), Hayman fire case study analysis. USDA Forest Service General Technical Report RMRS-GTR-114.
- Romme, W. H., C. M. Regan, M. R. Kaufmann, L. Huckaby, and T. T. Veblen. 2003. Patterns of succession following the Hayman fire. In: Graham, R. T. (Technical Editor), Hayman fire case study analysis. USDA Forest Service General Technical Report RMRS-GTR-114.
- Romme, W.H., et al. 1992. Old-growth forests of the San Juan National Forest in southwestern Colorado. Pages 154-165 in: Old-growth forests in the southwest and Rocky Mountain regions. USDA Forest Service General Technical Report RM-213.
- Despain, D.G., and W.H. Romme. 1991. Ecology and management of high-intensity fires in Yellowstone National Park. Pages 43-58 in: Proceedings of the 17th Tall Timbers Fire Ecology Conference, May 18-21, 1989, Tallahassee, Florida. Published by Tall Timbers Research Station, Tallahassee, Florida.
- Romme, W.H. 1980. Fire history terminology: report of the ad hoc committee. Pages 135-137 in: Stokes, M.A., and J.H. Dieterich (editors), Proceedings of the fire history workshop, 20-24 October, 1980, Tucson, Arizona. USDA Forest Service General Technical Report RM-81.

Other:

- Knight, D.H., G. Jones, W. Reiners, and W.H. Romme. 2014. Mountains and plains: the ecology of Wyoming landscapes. Yale University Press.
- Romme, W. H., L. Floyd, and D. Hanna. 2009. Historical range of variability and current landscape condition analysis: South Central Highlands Section, southwestern Colorado & northwestern New Mexico. Published by Colorado Forest Restoration Institute, Colorado State University, Fort Collins, CO.
- Romme, W. H., L. Floyd, and D. Hanna. 2009. The forests of southwestern Colorado and northwestern New Mexico: How the past and present inform our choices for the future. Published by Colorado Forest Restoration Institute, Colorado State University, Fort Collins, CO.
- Bentz, B., Allen CD, Ayres M, Berg E, Carroll A, Hansen M, Hicke J, Joyce L, Logan J, MacFarlane W, MacMahon J, Munson S, Negron J, Paine T, Powell J, Raffa K, Regniere J, Reid M, Romme W, Seybold S, Six D, Tomback D, Vandygriff J, Veblen T, White M, Witcosky J, Wood D. 2009. Bark Beetle Outbreaks in Western North America: Causes and Consequences. University of Utah Press, ISBN 978-0-87480965-7, 42 p
- Romme, W, C. Allen, J. Bailey, W. Baker, B. Bestelmeyer, P. Brown, K. Eisenhart, L. Floyd-Hanna, D. Huffman, B. Jacobs, R. Miller, E. Muldavin, T. Swetnam, R. Tausch, and P. Weisberg. 2008. Historical and modern disturbance regimes of piñon-juniper vegetation in the western U.S. Published by Colorado Forest Restoration Institute, Colorado State University (www.cfri.colostate.edu).
- Romme, W, C. Allen, J. Bailey, W. Baker, B. Bestelmeyer, P. Brown, K. Eisenhart, L. Floyd-Hanna, D. Huffman, B. Jacobs, R. Miller, E. Muldavin, T. Swetnam, R. Tausch, and P. Weisberg. 2007. Historical and modern disturbance regimes of

- piñon-juniper vegetation in the western U.S. Published by The Nature Conservancy.
- Romme, WH, J Clement, J Hicke, D Kulakowski, LH MacDonald, TL Schoennagel, and TT Veblen. 2006. Recent forest insect outbreaks and fire risk in Colorado forests: a brief synthesis of relevant research. Published by Colorado Forest Restoration Institute, Colorado State University.
- Kaufmann, M. R., T. T. Veblen, and W. H. Romme. 2006. Historical fire regimes in ponderosa pine forests of the Colorado Front Range, and recommendations for ecological restoration and fuels management. Front Range Fuels Treatment Partnership Roundtable (www.frftp.org/roundtable/pipo.pdf).
- Romme, W. H., L. Floyd-Hanna, J. Chew, G. Leavesley, G. San Miguel, C. Turner, M. Miller, N. Cobb, R. Viger, K. Ironside, and Richard Zirbes. 2006. Potential Influence of Cheatgrass Invasion on the Fire Regime in Mesa Verde National Park— Addendum to the Park's Draft Fire Management Plan. Unpublished report to Mesa Verde National Park, 3/9/06.
- Theobald, D., N. Peterson, and W. H. Romme. 2003. Colorado Vegetation Model. www.ndis.nrel.colostate.edu/davet/cvm.htm
- Romme, W.H., K.D. Heil, J.M. Porter, and R. Fleming. 1993. Plant communities of Capitol Reef National Park. Technical Report NPS/NAUCARE/NRTR-93/02, National Park Service.
- Heil, K.D., J.M. Porter, R. Fleming, and W.H. Romme. 1993. Vascular flora and vegetation of Capitol Reef National Park, Utah, USA. Technical Report NPS/NAUCARE/NRTR-93/01, National Park Service.

CONTRACTS & GRANTS

Funded Projects as PI:

- 2003-2004 ... Current conditions and long-term trends in aspen forests of the Colorado Front Range. USDA Forest Service, \$48,530.
- 2003-2004 ... Historic range of variability in terrestrial ecosystems of the San Juan National Forest and Uncompahgre Plateau, southwestern Colorado. U.S. Forest Service, \$19,000.
- 2002-2004 ... Fire history and landscape dynamics in Mexican spotted owl habitat of Walnut Canyon National Monument, Arizona. CoPI S. Knox. National park Service, \$36,000.
- 2002-2003 ... Fire history and landscape dynamics in Douglas-fir and aspen forests of the Centennial Valley, Montana. CoPI N. Korb. The Nature Conservancy, \$10,000.
- 2000-2001 ... Wildfire risk mapping in southwestern Colorado. CoPIs B. J. Boucher, S. Burns, M. L. Floyd, D. D. Hanna, and S. White. San Juan National Forest, \$38,000.
- 1994-1997 ... Analysis of past and present forest conditions on National Forests in the south-central highlands section. CoPI L. Floyd-Hanna. U.S. Forest Service, \$49,000.
- 1993-1996 ... Pre-1870 range of natural variation in fire intervals and stand structure in ponderosa pine, mixed conifer, aspen, and spruce-fir forests of the San Juan National Forest. CoPI L. Floyd-Hanna. U.S. Forest Service, \$97,000.

- 1991-1994 ... Causes and Consequences of Large-Scale Fires in Yellowstone National Park. CoPIs M.G. Turner, and R.H. Gardner. National Science Foundation, \$550,000.
- 1993-1994 ... Analysis of stand disturbance history in an old-growth spruce-fir forest on the San Juan National Forest. CoPI M. R. Kaufmann. U.S. Forest Service. \$18,000.
- 1993-1994 ... Biological diversity in the Hermosa unit of the San Juan National Forest. CoPIs D.W. Jamieson, A.W. Spencer, and D.Kendall. U.S. Forest Service. \$12,000.
- 1984-1988 ... Fire and landscape dynamics in Yellowstone National Park. CoPI D.G. Despain. National Science Foundation, \$124,000.

Funded Projects as CoPI:

- 2009-2011 ... Bark beetles, fuels and future fire hazard in contrasting conifer forests of Greater Yellowstone. Turner, M.G., W.H. Romme, et al. \$25,000 to CSU.
- 2007-2011 ... Imagining landscapes of the future: predicting the impacts of climate change, insect outbreaks, and fire on Colorado forests. Rocca, M., and WH Romme. McIntire-Stennis program, Colorado State University. \$70,000 per year.
- 2009-2010 ... Climate, Fire and Carbon: Tipping Points and Landscape Vulnerability in the Greater Yellowstone Ecosystem. Smithwick, E.H., W.H. Romme et al. \$40,000 to CSU.
- 2007-2010 ... Using native annual plant species to suppress weedy invasive species in post-fire habitats. Paschke, M., P. Meiman, C. Brown, W. Romme, G. Eckert, and D. Reep. Joint Fire Sciences Program, \$100,000.
- 2006-2009 ... Reciprocal interactions between bark beetles and wildfire in subalpine forests: Landscape patterns and risk of high-severity fire. Tinker, D. B., M. G. Turner, P. Townsend, and W. H. Romme. Joint Fire Sciences Program, total \$180,000 in collaborative project, with \$20,845 to CSU.
- 2005-2007 ... Aspen ecology in the core elk winter range of Rocky Mountain National Park. Singer, F., W. Romme, GA Tuskan, D. Binkley, and LC Zeigenfuss. U.S. Geological Survey, \$200,000.
- 2003-2006 ... Carbon cycling at the landscape scale: the effect of changes in climate and fire frequency on age distribution, stand structure, and net ecosystem production. Ryan, M. G, W. H. Romme, M. G. Turner, and D. B. Tinker. Joint Fire Sciences Program, total \$495,677 to RMRS with \$221,000 subcontract to CSU, 9/2003-8/2006.
- 2001-2006 ... Postfire landscape heterogeneity and ecosystem processes in subalpine forests of Yellowstone National Park. Turner, M. G., W. H. Romme, and D. B. Tinker. Mellon Foundation, total \$690,000 to University of Wisconsin, with \$16,000 subcontract to CSU.
- 1998-2004 ... Rocky Mountain landscape simulation in support of national forest planning. McGarigal, K., and W. H. Romme. USDA Forest Service region 2, total \$432,000 to University of Massachusetts.
- 1998-2001 ... Causes and consequences of multiple successional pathways following the 1988 Yellowstone fires. Turner, M.G., W.H. Romme, and D. H. Knight. National Science Foundation, \$400,000 to University of Wisconsin with subcontract to Fort Lewis College.

- 1995-1998 ... Mechanisms of persistence of aspen (*Populus tremuloides*) seedlings following the 1988 Yellowstone fires. Turner, M.G., W.H. Romme, and G.A. Tuskan. USDA Forest/Range/Cropland Ecosystems Program, \$229,000 to University of Wisconsin with subcontract to Fort Lewis College.
- 1991-1994 ... Fire history in Mesa Verde National Park. National Park Service. Floyd-Hanna, L., and W.H. Romme. \$28,000 to Prescott College.
- 1991-1994 ... Development of a vegetation map for Mesa Verde National Park. Floyd-Hanna, L., and W.H. Romme. National Park Service, \$30,000 to Prescott College.
- 1990-1992 ... Landscape-Level Interactions Among Ungulates, Vegetation, and Large-Scale Fires in Northern Yellowstone National Park. Turner, M.G., W.H. Romme, and L.L. Wallace. University of Wyoming-National Park Service Research Center, \$168,000 to Oak Ridge National Laboratory.
- 1986-1989 ... Flora and vegetation of Capitol Reef National Park, Utah, USA. Heil, K.D., and W.H. Romme. National Park Service. \$36,000 to San Juan College.

TEACHING EXPERIENCE AT COLORADO STATE UNIVERSITY

<u>Year</u>	<u>Semester</u>	<u>Course No./Title</u>	<u>Cr.Hrs.</u>	<u>Enrollment</u>
2001	Fall	F 380 – Fire effects & adaptations	3	6
2001	Fall	F 695	3	1
2002	Spring	F 624 – Fire ecology	3	18
2002	Spring	NR 425 – Sustain. renewable res. (team-taught with Tony Cheng)	3	20
2002	Fall	F 380 – Fire effects & adaptations	3	11
2002	Fall	F 311 – Forest ecology	3	70
2003	Spring	F 624 – Fire ecology	3	15
2003	Fall	F 324 – Fire effects & adaptations	3	6
2003	Fall	F 192 – Forestry inquiries	2	29
2004	Spring	F 311 -- Forest ecology	3	45
2004	Spring	F 624 -- Fire ecology	3	13
2004	Fall	F 324 -- Fire effects & adaptations	3	20
2004	Fall	IU 193 -- Freshman seminar	1	13
2005	Spring	F 624 -- Fire ecology	3	7
2005	Fall	F 324 -- Fire effects & adaptations	3	22
2005	Fall	IU 193 -- Freshman seminar	1	16
2006	Spring	F 624 – Fire ecology	3	18
2006	Fall	F 324 – Fire effects & adaptations	3	24
2006	Fall	IU 193 -- Freshman seminar	1	15
2007	Spring	F 624 – Fire ecology	3	14
2007	Fall	(on sabbatical, no teaching)		
2008	Spring	(on sabbatical, no teaching)		
2008	Fall	NR 420 – Int. ecosystem manage.	3	65
2010	Spring	F 324 – Fire effects & adaptations	3	20
2010	Spring	F 311 – Forest ecology	3	65
2011	Spring	F 324 – Fire effects & adaptations	3	22
2011	Spring	F 311 – Forest ecology	3	68

UNIVERSITY COMMITTEES

- 2002-2007 Member of the Faculty Honors Council
- 2003-present - Member of the departmental graduate program committee (chair of the committee 2006-2007)
- 2002 Member of the departmental search committee for a faculty position in geospatial sciences
- 2004 Chair of the search committee for a faculty position in fire science
- 2005 Member of the departmental search committee for a faculty position in restoration ecology

GRADUATE STUDENT ADVISING/ SUPERVISION

Current Graduate Advisees:

Jed Meunier (Ph.D GDPE in progress) ... co-advising with Rick Knight
Paul Meyer (MS plan B in progress)

Previous Graduate Advisees:

Carissa Aoki (M.S. GDPE 2010) ... co-Advising with Peter Brown
Paul Evangelista (PhD GDPE 2009) ... co-advising with Tom Stohlgren
Paula Fornwalt (Ph.D GDPE 2009)
Brian Jacobs (Ph.D GDPE 2008)
Kristen Meyer (MS plan B 2007)
Heather Stafford (M.S. GDPE 2006 ... co-advising with Natasha Kotliar)
Craig Goodell (MS plan B 2006)
Diana Selby (M.S. Forestry 2006)
James R. Walsh (M.S. Forestry 2005)
Nathan Korb (M.S. GDPE 2005)
Shawn Knox (M.S. GDPE 2004)

Previous Graduate Committee Memberships:

Robert Avera (M.S.)
Peter Brown (Ph.D.)
Christy Higgason (M.S.)
Suzanne Bird (Ph.D.)
Michele Burns (M.S.)
Gabriel Chapin (M.S.)
Brandon Collins (M.S.)
Sarah Converse (Ph.D.)
Brett Dickson (Ph.D.)
Stacy Drury (M.S., student at University of Colorado)
Michael Faust (M.S. Biology)

Jonas Feinstein (M.S. Forestry)
Doug Grant (Ph.D.)
Sarah Hamman (Ph.D.)
Molly Hunter (Ph.D.)
Gretchen Jehle (M.S.)
Jake Ivan (Ph.D. Wildlife Ecology)
Pam Kaval (Ph.D.)
Holly Kearns (Ph.D.)
Leigh Lentile (Ph.D.)
Li-Ming Liang (Ph.D.)
John Mlade (M.S.)
Amy Smith (M.S.)
Dave Spiering (M.S.)
Laura Trader (M.S.)
Evan Wolf (M.S.)
Matt Williamson (M.S. Wildlife Ecology)
Sandra Haire (Ph.D., student at University of Massachusetts)

POSTDOCTORAL ASSOCIATES:

2003-2006 Daniel M. Kashian (postdoctoral fellow)

OTHER ACTIVITIES/ACCOMPLISHMENTS

1982-present Frequent presentations of invited and contributed papers at scientific meetings (e.g., ESA) and conferences for managers & public (e.g., national parks & national forests)

2002-present Working with the Nature Conservancy's Fire Learning Network: Laramie Foothills Project

2009 Invited participant in a workshop on vulnerability of Colorado forests to climate change, insects, and fire

2008 Invited participant in a workshop on ecology & management of lodgepole pine forests in Colorado

2006 Assembled and moderated a workshop on historical fire regimes in pinyon-juniper vegetation across the West, resulting in a publication for land managers

2004 Invited participant in a workshop on ecology & management of mountain pine beetle outbreaks in western North America

2003 Invited participant in a community workshop & field trip on ecosystem management opportunities in Lake County, CO

2002-2003 Team leader for assessment of ecological impacts of the 2002 Hayman fire in Colorado; assessment requested by Congressman Mark Udall and sponsored by U.S. Forest Service

2002 Invited participant in workshop to develop monitoring protocols for restoration and wildfire mitigation in southwestern ponderosa pine forests; sponsored by Forest Trust

- 2001-2002 Member of the steering committee that organized the conference on “Fire, Fuel Treatments, and Ecological Restoration: Proper Place, Appropriate Time,” held at Colorado State University, April 2002
- 1997-1998 Co-organizer of symposium on forest fragmentation in the central Rocky Mountains, supported by U. S. Forest Service, and held in Fort Collins, CO, November, 1997; co-editor of book based on the symposium, published in 2000 by University Press of Colorado
- 1996 Invited participant in workshop on the ecology of large, infrequent disturbances, National Center for Ecological Analysis and Synthesis, Santa Barbara, CA.
- 1995 Invited participant in workshop on culture and landscape ecology, School of Landscape Architecture, University of Minnesota, Minneapolis, MN.
- 1994, 1999 Invited participant in external review of Routt, Rio Grande, and White River National Forest analyses of historic range of variation in ecosystems.