

Christine Marie Albano

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Education

Doctor of Philosophy in Hydrology, University of Nevada, Reno, NV	2019
Master of Science in Ecology, Colorado State University, Fort Collins, CO	2006
Bachelor of Science in Biology, Westminster College, Salt Lake City, UT	2002
Graduated summa cum laude; Minors: Chemistry, Environmental Studies	

Professional Appointments

Associate Research Professor, Desert Research Institute, Reno, NV	July 2024 -present
Assistant Research Professor, Desert Research Institute, Reno, NV	July 2020 -June 2024
Postdoctoral Fellow, Desert Research Institute, Reno, NV	June 2019 – June 2020
Lead Scientist, Conservation Science Partners, Truckee, CA	Dec. 2014 – June 2019
Assistant Specialist, John Muir Inst. of the Environ., University of California, Davis, CA	Jan. 2012 – Dec. 2015
Fellow, Southwest Climate Adaptation Science Center	
Program Manager, Grand Canyon Trust, Flagstaff, AZ	Apr. 2007 – Mar. 2012
Biologist, U.S. Geological Survey, Utah Water Science Center, Moab, UT	July 2006 – June 2007
Hydrologic Aid/Technician, U.S. Geological Survey, Utah Water Science Center, SLC, UT	Feb. 2000 – Aug. 2003

Professional Recognition

2025	Outstanding Faculty Member of the Year, Graduate Program in Hydrologic Sciences, University of Nevada
2023	Rising Researcher Award from the Nevada System of Higher Education (NSHE)

Peer-reviewed Journal Articles and Book Chapters (n = 35)

Albano, C.M., Shearer, E.J., Forbis, J.C., Yeates, E.M., Kalansky J.A., Painter, C.A. Tustison, B., Wilson, A.M., Anderson, M.L., Dettinger, M.D., Ralph, F.M., Talbot, C.A. (In Review) Characterizing Watershed Responses and Reservoir Operational Flexibilities: Analyses to Support Forecast Informed Reservoir Operations (FIRO) Planning and Assessments. *Water Resources Research*

Gordon, B., Blumberg, J., Manning, D., Leonard, B., Boisramé, G, **Albano, C. M.**, Carroll, R. W. (In Review) Warming and Snow Loss Threaten the Economic Viability of Irrigated Agriculture. *Nature Water*

Webb, M. J., **Albano, C. M.**, Bozkurt, D., Garreaud. R., Wilson, A., Yu, G., Anderson, M., Ralph, F.M. (In Revision) Antecedent Moisture Enhances Early Warning of Atmospheric River Flood Hazards. *Nature Communications*.

Boisrame, G, B. Gordon, **CM Albano**, A Harpold, R. Carroll. (In Revision). Think Globally, Model Locally: Quantifying Regional Water Resource Sensitivity to Climate Change. *Journal of the American Water Resources Association*.

Comini de Andrade, B., Huntington, J.L, Volk, J., Morton, C., Pearson, C. **Albano, C.M.** (Accepted) Multi-model Intercomparison of the Complementary Relationship of Evaporation Across Global Environmental Settings. *Water Resources Research*.

Coats, R., and **C.M. Albano**. (In Press). Climate change in the Tahoe Basin: hydrologic impacts and responses. Chapter 4 in Coats R., Heyvaert, A., Schladow, G. (eds.), Ecosystem Resilience, Climate Change and Environmental Management in the Tahoe Basin. Univ. of Nevada Press

Swain, D., Prein, A., Abatzoglou, J., **Albano, C. M.**, Brunner, M., Diffenbaugh, N., Singh, D., Skinner, C., & Touma, D. (2025). Hydroclimate volatility on a warming Earth. *Nature Reviews Earth & Environment*, 6(1), 35-50.

- Swain, D., Abatzoglou, J., **Albano, C. M.**, Brunner, M., Diffenbaugh, N., Kolden, C., Prein, A., Singh, D., Skinner, C., Swetnam, T., & Touma, D. (2025). Increasing Hydroclimatic Whiplash Can Amplify Wildfire Risk in a Warming Climate. *Glob Change Biol*, 31(2), e70075.
- Webb, M. J., **Albano, C. M.**, Harpold, A., Wagner, D., & Wilson, A. (2025). Wet Antecedent Soil Moisture Increases Atmospheric River Streamflow Magnitudes Non-Linearly. *Journal of Hydrometeorology*. **26**, 741–758
- Albano, C. M.**, Soulard, C., Minor, B. A., Walker, J., Smith, B., Waller, E., Bartles, M., Corringham, T., O’Geen, A., Rohde, M., & Wein, A. (2025). Assessing Causes and Consequences of Winter Surface Water Dynamics in California’s Central Valley Using Satellite Remote Sensing. *J Flood Risk Management*, 18(2), e70080.
- Rohde, M., **Albano, C. M.**, Huggins, X., Saito, L., Sharman, A., Klausmeyer, K., Freed, Z., Howard, J., Morton, C. G., Huntington, J., Rodella, A., Zaveri, E., Gleason, T., Famligietti, J. (2024). Mapping groundwater-dependent ecosystems globally exposes protection needs. *Nature*. **632**, 101–107
- Rohde, M.M., Stella, J.C., Singer, M.B., Roberts, D., Caylor, K. **Albano, C.M.** (2024). Establishing ecological thresholds and targets for groundwater management. *Nature Water*, 2(4), 312-323.
- Gordon, B., Boisramé, G., Carroll, R. W., Ajami, N., Leonard, B., **Albano, C. M.**, Mizukami, N. Andrade, M. Keobele, E. Taylor, M., Harpold, A. (2024). The Essential Role of Local Context in Shaping Risk and Risk Reduction Strategies for Snowmelt-Dependent Irrigated Agriculture. *Earth’s Future*, **12**, e2024EF004577
- LeRoy, C.J., Claeson, S.M., Garthwaite, I.J. **et al.** 2023, Canopy development influences early successional stream ecosystem function but not biotic assemblages. *Aquat Sci* 85, (77)
- Albano, C.M.**, J.T. Abatzoglou, D.J. McEvoy, J.L. Huntington, C.G. Morton, M.D. Dettinger. 2022. A multi-dataset assessment of climatic drivers and uncertainties of recent trends in evaporative demand across the continental US. *Journal of Hydrometeorology*. 10.1175/JHM-D-21-0163.1
- Garreaud, R., Ralph, M., Wilson, A., Eiras-Barca, J., Steen-Larsen, H., Rutz, J., **Albano, C. M.**, Tillinina, N., Warner, M., Viale, M., Rondenelli, R., McPhee, J., Valenzuela, R., Gorodetskaya, I. 2022. Running a Scientific Conference During Pandemic Times, *Bulletin of the American Meteorological Society*, 103 (7), E1650-E1657
- Albano, C.M.**, M.I. McCarthy, M.D. Dettinger, S.A. McAfee. 2021. Techniques for specifying climate scenarios for stress test applications. *Climatic Change* 164 (33).
- Albano, C.M.**, K.C. McGwire, M.B. Hausner, D.J. McEvoy, C.G. Morton, J.L. Huntington. 2020. Drought sensitivity and trends of riparian vegetation vigor in Nevada, USA (1985-2018). *Remote Sensing*.12:1362.
- Albano, C.M.**, M.D. Dettinger, A.A. Harpold. 2020. Patterns and drivers of atmospheric river precipitation and hydrologic impacts across the Western US. *Journal of Hydrometeorology*. 21: 143–159.
- Albano, C.M.**, M.L. McClure, S.E. Gross, W.C. Kitlsten, C.E. Soulard, C.E. Morton, J. L. Huntington. 2019. Spatial patterns of Sierra Nevada meadow sensitivity to interannual climate variability. *Ecohydrology*. e2128.
- Dickson, B.G., **C.M. Albano**, R. Anantharaman, P. Beier, J. Fargione, et al. 2019. Circuit theory applications to connectivity science and conservation. *Conservation Biology* 33(2): 239-249.
- Albano, C.M.**, M.D. Dettinger, C.E. Soulard. 2017. Influence of atmospheric rivers on vegetation productivity and fire patterns in the southwestern US. *Journal of Geophysical Research – Biogeosciences* 122(2): 308-323.
- Soulard, C.E., **C.M. Albano**, M.L. Villarreal, J.J. Walker. 2016. Continuous 1985–2012 Landsat monitoring to assess fire effects on meadows in Yosemite National Park, California. *Remote Sensing* 8: 371.
- Dickson, B.G., **C.M. Albano**, B.H. McRae, J.J. Anderson, D.M. Theobald, L.J. Zachmann, T.D. Sisk, and M.P. Dombeck. 2016. Informing strategic efforts to expand and connect protected areas using a model of ecological flow, with application to the western US. *Conservation Letters* 10: 564-571.
- Theobald, D.M., D. Harrison-Atlas, W.B. Monahan, **C.M. Albano**. 2015. Ecologically-relevant maps of landforms and physiographic diversity for climate adaptation planning. *PLoS ONE* 10(12): e0143619.
- Albano, C.M.**, M.D. Dettinger, M.I. McCarthy, T.L. Welborn, D.A. Cox. 2015. Application of an extreme winter storm disaster scenario to identify vulnerabilities, mitigation options, and science needs in the Sierra Nevada Mountains, USA. *Natural Hazards* 80(2): 879-900.

- Lawler, J., D. Ackerly, **C.M. Albano**, M. Anderson, S. Dobrowski, J. Gill, N. Heller, B. Pressey E. Sanderson, S. Weiss. 2015. The theory behind, and the challenges of, conserving nature's stage in a time of rapid change. *Conservation Biology*. 29: 618–629.
- Anderson, M., P. Comer, P. Beier, J. Lawler, C. Schloss, S. Buttrick, **C.M. Albano**, D. Faith. 2015. Case studies of conservation plans that incorporate geodiversity. *Conservation Biology*. 29: 680–691.
- Albano, C.M.** 2015. Identification of geophysically diverse locations that may facilitate species' persistence and adaptation to climate change. *Landscape Ecology*. 30(6): 1023-1037.
- Mac Nally, R., **C.M. Albano**, E. Fleishman. 2014. A scrutiny of evidence for pressure-induced shifts in estuarine and nearshore ecosystems. *Austral Ecology*. 39(8): 898-906.
- Dickson, B.G., L. Zachmann, **C.M. Albano**. 2014. Identifying new conservation priority areas on roadless BLM lands in the western United States. *Biological Conservation*. 178: 117-127.
- Bernstein, E.J., **C.M. Albano**, T.D. Sisk, T.M. Crews, and S.S. Rosenstock. 2014. Seeding cool-season grasses on a degraded rangeland on the Colorado Plateau. *Restoration Ecology*. 22(1): 57-64.
- Albano, C.M.**, C. Angelo, R. Strauch, and L. Thurman. 2013. Potential effects of climate warming on visitor use in three Alaskan national parks. *Park Science*. 30(1): 36-43.
- Baker, D. W., B.P. Bledsoe, **C.M. Albano** and N.L. Poff. 2011. Downstream effects of diversion dams on sediment and hydraulic conditions of Rocky Mountain streams. *River Research and Applications*. 27(3) p. 388-401.
- Sisk, T.D. and 13 Co-authors. 2010. Integrating restoration and conservation objectives at the landscape scale: The Kane and Two Mile Ranch Project. Pp. 45-66 in *The Colorado Plateau IV*. University of Arizona Press, Tucson, AZ.

Peer-reviewed Reports (n=17)

- Albano, C.M.**, M.I. McCarthy, S.A. McAfee, A.M. Wein, M.D. Dettinger. 2024. Incorporating Climate Data Into Emergency Planning and Exercises: A Primer for Emergency Management Practitioners and Data Developers, 41403. DRI Technical Report
- Albano, C. M.**, Minor, B. A., Smith, G. T., & Huntington, J. L. (2024). Assessment of Potential Drivers of Surface and Groundwater Declines at Fish Slough, Owens Valley, CA. Desert Research Institute
- Albano, C. M.**, Minor, B. A., Smith, G. T., & Huntington, J. L. (2024). A Remote Sensing Investigation of Surprise Canyon Creek Wild and Scenic River. Desert Research Institute
- Albano, C. M.**, Rajagopal, S., Imgarten, M. 2023. Atmospheric Rivers, Reservoir Storage, and Streamflow Forecast Skill: Assessing the Potential for Forecast-Informed Reservoir Operations in the Truckee River Basin, 41295. DRI Technical Report
- Albano, C. M.**, Minor, B. A., Smith, G. T., Morton, C. G., Huntington, J. L. 2023. Baseline Assessment of Groundwater Dependent Vegetation in relation to Climate and Groundwater Levels in select Hydrographic Basins of Nevada: Oasis Valley, 41293. DRI Technical Report
- Albano, C.M.**, B.A. Minor, J.L. Huntington. 2021. Baseline assessment of groundwater dependent vegetation in relation to climate and groundwater levels for selected hydrographic basins of Nevada – Pueblo, Continental Lake, Mud Meadow, Dixie, Railroad-North, Steptoe, Goshute, and Independence Valleys, 41283 DRI Technical Report.
- Sterle, K., L. Singletary, G. Lee, K. Rollins, G. Pohl, M. McCarthy, S. Rajagopal, **C. M. Albano**, W. Boyer, J. Huntington, M. Dettinger, R. Niswonger, E. Morway, W. Kitlasten, M. Gardner, S. Coors, and L. Jose. 2020. Water Sustainability and Climate in the Truckee-Carson River System, Western United States: 10 Key Takeaways from the Water for the Seasons Collaborative Research Program. Extension I University of Nevada, Reno, SP-20-02.
- Albano, C. M.**, B.A. Minor, Z. Freed, J.L. Huntington. 2020. Status and trends of groundwater dependent vegetation in relation to climate and shallow groundwater in the Harney Basin, Oregon. DRI Publication No. 41280.

- Albano, C. M.,** K. Sterle, M. Dettinger, L. Singletary. 2019. Four climate scenarios developed to explore adaptation strategies for the Truckee-Carson River system. University of Nevada, Reno Cooperative Extension, Fact Sheet 19-09.
- Fleishman, E., **C.M. Albano**, B. Bradley, T. Creech, C. Curtis, B. Dickson, C. Epps, E. Hegeman, C. Hoglander, M. Leu, N. Shaw, M. Schwartz, A. VanCuren, L. Zachmann. 2019. Natural resource condition assessments for six parks in the Mojave Desert Network. Natural Resource Report NPS/MOJN/NRR - 2019/1959. National Park Service: Fort Collins, CO.
- Gross, S., M. McClure, **C.M. Albano**, B. Estes. 2019. A spatially explicit meadow vulnerability decision framework to prioritize meadows for restoration and conservation in the context of climate change Version 1, 62, U.S. Forest Service White Paper.
- Albano, C.M.** and L.E. Stevens. 2018. Wildlife: Invertebrates *in* Stortz, S. D., C. E. Aslan, T. D. Sisk, T. A. Chaudhry, J. M. Rundall, J. Palumbo, L. Zachmann, and B. Dickson. Natural resource condition assessment: Greater Grand Canyon landscape assessment. Natural Resource Report NPS/GRCA/NRR—2018/1645. National Park Service, Fort Collins, Colorado.
- Albano, C.M.,** M.D. Dettinger, M.I. McCarthy, K.D. Schaller, T.L. Welborn, D.A. Cox. 2014. ARKStorm@Tahoe: Stakeholder perspectives on vulnerabilities and preparedness for an extreme storm event in the greater Lake Tahoe, Reno and Carson City region. University of Nevada Cooperative Extension Special Publication-14-16.
- Brasher, A.M.D., **C.M. Albano**, R.N. Close, Q.H. Cannon, M.P. Miller. 2010. Macroinvertebrate communities and habitat characteristics in the northern and southern Colorado Plateau networks: pilot protocol implementation. Natural Resources Technical Report NPS/NCPN/NRTR-2010/320, 107p.
- Brasher, A.M.D., **C.M. Albano**, R.N. Close, M.L. Freeman, C.L. Lauver, S.A. Monroe, A. E. Snyder, and L.P. Thomas. 2009. Aquatic macroinvertebrate monitoring protocol for National Parks in the Southern Colorado Plateau Network. Natural Resource Technical Report NPS/SCPN/NRR—2011/460. 213 pp.
- Albano, C.M.** and E. M. Giddings. 2007. Characterization of habitat and biological communities at fixed sites in the Great Salt Lake Basins, Utah, Idaho, and Wyoming, Water Years 1999-2001. U.S. Geological Survey, Scientific Research Investigations Report 06-5300.
- Waddell, K., R. Baskin, E.M. Giddings, S.J. Gerner, J.R. Cederberg, S.A. Thiros, and **C.M. Albano**. 2004. Water quality in the Great Salt Lake Basins, Utah, Idaho, and Wyoming. U.S. Geological Survey Circular 04-1236.

Grants and Contracts Awarded

- Keen-Zebert, A., McCarthy, M.I., Mejia, J., Collins, M. **Albano, C.M.** 2025. FireScope Nevada: Multiscale Wildfire Risk Modeling and Community-Led Planning in Nevada's Wildland-Urban Interface. National Science Foundation. \$2,000,000.
- Boisrame, G., **Albano, C.M.** 2025. How do forest treatments affect water quantity in the Truckee watershed? U.S. Geological Survey. \$60,000
- Albano, CM.** 2024. NSF EPSCoR Research Fellows: Quantifying Impacts and Optimizing Benefits of Forecast-Informed Reservoir Operations in NV. National Science Foundation. \$300,000
- McEvoy, DM, A. Heggli, R. Carroll, **CM Albano**, B. Hatchett. 2024. Developing a Cooperative Snow Temperature Survey. U.S. Bureau of Reclamation. \$729, 531
- Andrade, A., DM McEvoy, **CM Albano**, E. Jensen. 2024. Adding fuel to the fire: determining vegetation-specific drought timescales that enhance fuel flammability and fire potential. Southwest Climate Adaptation Center. \$350,000
- Albano, CM,** R. Carroll, B. Gordon. 2023. Where We Live (WWL): Local and Place Based Adaptation to Climate Change and Critical Resources in Under-served Rural Communities. University of Nevada, Reno/National Science Foundation. \$435,000

- Albano, CM**, S. McKenna, S. Chandra, R. Carroll, D. McEvoy, C. Pearson, A. Harpold, J. Blaszczak, S. Allen. 2023. Lake Tahoe Basin Instrumentation and Data Sharing. National Oceanic and Atmospheric Association. \$2,000,000.
- Albano, CM**, D. Kauneckis, E. Jensen. 2023. ARkStorm@Tahoe 2.0-Impact Assessment Data Visualization & Identifying Adaptation Options. U.S. Geological Survey. \$148,000
- Albano, C.M.**, J. Huntington. 2021. A remote sensing investigation of the Surprise Canyon Creek Wild and Scenic River, National Park Service. \$60,000
- Hatchett, B., **C.M. Albano**. 2021. Origins of Superblooms: Characterizing Mass Flowering Events in the Pacific Southwest Desert and the Atmospheric and Land Surface Conditions Favoring Them. Nevada NASA EPSCOR. \$35,000
- Albano, C.M.**, 2020. Using Satellite Remote Sensing to Quantify the Role of Atmospheric Rivers on Wintertime Flood Extents in the Central Valley of California. U.S. Geological Survey. \$80,000
- Wall, T., B. Hatchett, D. McEvoy, M.I. McCarthy, **C.M. Albano**. 2020. Exploring Sub-Annual Variability in a Changing Climate Including Extremes. Scripps Institution of Oceanography. \$202,500
- McConnell, J., N. Chellman, **C.M. Albano**. 2020. Evaluating the isotopic composition of wintertime atmospheric river precipitation. Desert Research Institute. Innovation Research Program. \$31,500
- Albano, C.M.**, S. Loheide, L. Saito. 2019. Quantifying environmental water requirements for groundwater dependent ecosystems for resilient water management. Bureau of Reclamation WaterSmart Applied Science Grant. \$298,780.
- Albano, CM**. 2019. Quantifying environmental water requirements for groundwater dependent ecosystems: decision support for freshwater conservation on arid lands – David H. Smith Postdoctoral Fellowship; Society for Conservation Biology (\$203,564; declined)
- Albano, C.M.**, S.E. Gross, J. Huntington, B. Daudert, C. Morton. 2016. Decision support for meadow conservation and restoration in the Sierra Nevada Ecoregion: leveraging landscape-scale retrospective and near real-time data to enhance understanding of vulnerabilities and adaptation options under changing climate. California Landscape Conservation Cooperative. \$187,530.
- Dickson, B.G., D.M. Theobald, L.J. Zachmann, **C.M. Albano**. 2015. Measuring and mapping open lands lost to development from 1990-present in the western U.S. Center for American Progress. \$100,000.
- Dettinger, M.D., **C.M. Albano**, C. Soular, G. Bawden, S. Bond, D. Cox, M. McCarthy. 2013. Linking interannual variations of extreme storms with ecological and hydrologic disturbance in the Sierra Nevada. Southwest Climate Science Center. \$293,000.
- Schwartz, M.W., and 13 Co-PIs. 2013. Preliminary assessment of the landscape of climate relevant resource management decisions in the southwest: characterizing climate science, information exchange and stakeholder engagement needs of resource managers Southwest Climate Science Center. \$167,000.
- Albano, C.M.** 2012. Pronghorn habitat improvement in House Rock Valley, AZ. Habitat Partnership Funds, Arizona Game and Fish Dept. \$3000.
- Albano, C.M.**, K. Watters. 2012. Native plant conservation on Vermilion Cliffs National Monument. Native Plant Conservation Initiative, National Fish and Wildlife Foundation. \$35,000.
- Albano, C.M.**, K. Watters. 2012. Vermilion Cliffs National Monument flora. BLM National Landscape Conservation System Research Award. \$17,000.
- Albano, C.M.**, E.N. Aumack. 2008. Paria River invasives removal project: phase I. Arizona Water Protection Fund. \$294,000.
- Aumack, E.N., B.G. Dickson, T.D. Sisk, **C.M. Albano**. 2008-2013. Building a conservation science foundation on the Grand Canyon's North Rim. Wilburforce Foundation. \$360,000.

Teaching and Advising Experience

2022-Present **Advisor:** Mimi Payne (PhD student, 2025-), Mariana Webb (PhD student, 2022-2025), Bea Gordon (Post-doctoral Researcher, 2023-2024)

2021-Present	Graduate student committee member: Bri Hernandez (MS, 2023), Hondo Brisbin (PhD, 2023), Scott Feehan (PhD, 2023), Weylin Gilbert (PhD), Abigail Sandquist (PhD, 2025)
2023-Present	Instructor: GEOG 701R: Climate Data Fundamentals for Natural Resource Applications, University of Nevada, Reno
2021	Undergraduate student Mentor: DRI Research Immersion Program
2018	Co-instructor: 2-day Boot Camp in R programming language, University of Nevada, Reno
2018	Co-instructor: 3-day Short Course in R programming language, Salish Kootenay College
2017	Co-organizer: Perspectives on Western Hydroclimate Seminar, University of Nevada, Reno
2015-2016	Course module instructor: Integration of field data with GIS; Sierra and Truckee High Schools
2011-2012	Co-instructor: Ecological Restoration on the Colorado Plateau; Northern Arizona University
2007-2011	Field trip leader: Regularly led field trips with citizen scientists, K-12, and college groups to provide introductions to real-world natural resource management challenges in the desert southwest; Grand Canyon Trust
2004-2006	Lab course instructor: Stream Ecology and Zoology; Colorado State University

Press and Public Outreach

2024	DRI Science Distilled Event: Stories of the Future – ARKStorm@SierraFront
2023	Weather and Watershed Forecasting Make for Dam Smart Water Use , Eos
2023	The Trillion Gallon Question , New York Times Magazine
2022	The West's forever fire season , High Country News
2022	Warming is making the West thirstier, researchers say. And it's stressing water supplies , Nevada Independent
2022	Skies are sucking more water from the land , Scientific American
2022	A drought so bad it exposed a long-ago homicide. Getting the water back will be harder than ever , Los Angeles Times
2022	How Climate Change Spurs Megadroughts , Grist
2022	How much more moisture the atmosphere takes up in a warmer world , Jefferson Public Radio
2021	DRI Science Distilled Event: Science of Winter – Atmospheric Rivers

Professional Service

2021-present	Faculty member – University of Nevada Reno Graduate Program in Hydrologic Sciences
2021-2024	Desert Research Institute Faculty Senator (2021-2023 term)
2020-2022	Desert Research Institute Early Career Faculty Advisory Committee
2020-2022	Sierra Business Council Sierra Nevada Vulnerability Assessment Technical Assistance Group member.
2019-2021	Scientific Steering Committee Member, International Atmospheric Rivers Community (IARC) Sponsored Symposium
2017-2019	Board of Directors, Student Representative, Nevada Water Resources Association
2012-2014	California Landscape Conservation Cooperative Science-Management Team Member
2011-2012	Board of Directors, Founding Vice President, Friends of the Cliffs (a grass-roots community organization aimed at increasing stewardship of the Vermilion Cliffs National Monument)
2011-Present	Reviewer: Conservation Science and Practice; Weather, Climate, and Society; Conservation Biology; Forests; Nature Scientific Reports; Western North American Naturalist; Water; Remote Sensing; Ecosphere; Global Change Biology, International Journal of Climatology, Journal of the American Water Resources Association, Ecohydrology, Journal of Geophysical Research – Atmospheres, Philosophical Transactions of the Royal Society A