Dr. Tamara U. Wall

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RESEARCH EXPERIENCE EDUCATION

Qualitative and quantitative social science research in public and professional perceptions of wildfire risk, wildfire management, and climate; climate information use by stakeholders; evaluating co-produced climate science; understanding the process of climate information dissemination and utilization for climate resiliency and adaptation in natural resource management.

EDUCATION

- Ph.D. Interdisciplinary Studies, emphasis Geography, University of Montana, Missoula, MT.
- 1992 M.A., Technical and Professional Communication, New Mexico State University, Las Cruces, NM.
- 1990 B.A., English, Southern Illinois University, Carbondale, IL.

PROFESSIONAL EXPERIENCE

Current-	Deputy Director, Western Regional Climate Center and Associate Research Professor, Desert Research Institute, Reno, NV.
May 2011	Postdoc, with the Western Regional Climate Center and California-Nevada Applications Program (CNAP), at the Desert Research Institute, Reno, NV.
2009-2015	Affiliate faculty, Department of Geography, The University of Montana, Missoula, MT.
2006-2009	Adjunct faculty, Department of Geography, The University of Montana, Missoula, MT.
2001-2003	Graduate Research Assistant, School of Forestry, The University of Montana, Missoula, MT.
2000-2001	Graduate Teaching Assistant, School of Forestry, The University of Montana, Missoula, MT.
1995-1999	Seasonal employee for the USFS, Region 4—Wilderness Ranger, Trail Crew Foreman, Fire Lookout.

PRESENTATIONS: PROFESSIONAL PAPERS

- Wall, T.U., T. Brown. *Red Flag Warnings and Fire Weather Watches: When, Why, and How are They Used?* American Meteorological Society Annual Meeting, Phoenix, AZ, January 7-10.
- Wall, T.U., T. Brown, T. Parkinson, T. Zimmerman. Weather, Climate, and Wildfire: developing and implementing research for wildfire management and policy. American Geophysical Union Annual Meeting, Washington D.C., December 10-14.

- Wall, T.U. Experience, Commands, Training—drivers of firefighter's responses to fire behavior. IAWF Fire Continuum Conference: Preparing for the Future of Wildland Fire, Missoula, MT, May 21-24.
- 2018 Wall, T. U., McCaffrey, S. Cohesive Wildland Fire Management Strategy: Perspectives. 2nd National Cohesive Wildland Fire Management Strategy Workshop, Reno, NV, March 27-29.
- Wall, T. U. Supporting Resiliency and Adaptation to Climate Variability and Weather Extremes in California and Nevada for Two Decades. National Conference for Science and the Environment, Washington D.C., January 23-25.
- 2018 McEvoy, D., T. U. Wall, T. J. Brown, J. Huntington, M. Hobbins, and M. Svoboda. Establishing Relationships between Drought and Wildfire Danger Indices for Improved Wildfire Risk Management. Annual American Meteorological Society Meeting, Austin, TX, January 8.
- 2017 Brown, T. J., T. U Wall. *Changes in Fire Extremes and Beyond Firefighter Experience*, 14th International Wildland Fire Safety Summit, Barcelona, Spain, January 31.
- 2017 Brown, T. J., T. U. Wall. *Understanding the role of past, current and future drought information in wildland fire management*, 7th Association of Fire Ecology International Fire Congress, Fire Circle Workshop, Orlando, FL, November 29.
- Wall, T.U. A Single Human Geographer in a Sea of (Physical Scientists). Ecological Society of America Annual Meeting, Portland OR, August 5-10.
- Wall, T.U., S.M. McCaffrey. *National Cohesive Wildland Fire Management Strategy—Changing how we do business or doing business as usual?* International Association of Wildland Fire National Cohesive Wildland Fire Management Strategy Workshop: Reno, NV, April 24-27.
- 2017 Wall, T.U., T.J. Brown, N. Nausler. Spot Weather Forecast: Improving Utilization, Communication, and Perceptions of Accuracy in Sophisticated User Groups. American Meteorological Society Annual Meeting: Seattle, WA, January 26.
- 2016 Wall, T.U., A. Meadow, Presenter and Session organizer. *Making Climate Science Useful: Evaluating Co-Produced Climate Science—is what we are doing working?*American Evaluators Association Annual Meeting, Atlanta GA, October 24-27.
- Wall, T.U., M. Flaxman. Alternative Futures for the Great Basin and Eastern California—Communicating Across the Landscape. Natural Areas Conference, Davis, CA, October 17-19.
- Wall, T.U. Using Narrative Stories to Understand Traditional Ecological Knowledge in The Great Basin. Natural Areas Conference, Davis, CA, October 17-19.
- 2015 Wall, T.U. *Understanding Fire Risk in Southern California Homeowners*, Annual AAG meeting, San Francisco, CA, March 29-April 1.
- 2015 Brown, T., T. U. Wall, N. Nauslar. *Fire Extremes and the Triangle of Climate, Fuels, and People.* 6th International Wildland Fire Conference, Pyeonghchang, Korea, October 13.
- Wall, T.U., T. Rolinski (USFS). *Santa Ana Winds Threat Index (SAWTI)*. Digital Government and Society Conference, Phoenix, AZ, May 28-29.
- Wall, T.U., T. J. Brown. *Fire Extremes and the Triangle of Fire, Fuels, and People*. International Association of Wildland Fire Conference, Boise, ID, April 20-23.

- Wall, T. U. *Learning Networks and Evaluation in Climate Science*. Annual meeting of the Regional Integrated Science & Assessments Teams, Charleston, SC, January 13-15.
- 2015 Wall, T. U. and A. Meadow (University of Arizona). *Evaluating The Impact of Climate Science Produced In The Southwest Climate Science Center*. American Meteorological Society Annual Meeting, Phoenix, AZ January 4-8.
- 2014 Brown, T.J., K.T. Redmond, T.U. Wall, D. Simeral, N.S. Oakley, G. McCurdy, M. Breckner, A.J. Wolff, G. Kelly, and B. Daudert. *Providing Western Region Climate Services: Perspectives from the Western Regional Climate Center*. American Geophysical Union, San Francisco, CA, December 15-19.
- 2014 Oakley, N.S., K.T. Redmond, T.U. Wall, and T.J. Brown. *Improving the Flow of Climate Information in the West*. American Geophysical Union, San Francisco, CA, December 15-19.
- 2014 Brown, T.J., T.U. Wall, and N. Nauslar. *Extremes in Fire The Intersection of Climate, Fuels and People*. VII International Conference on Forest Fire Research, Coimbra, Portugal, November 17 -20.
- Garfin, G., T.U. Wall, H. Hartmann, J. Brugger, and T. J. Brown. *Climate Change Adaptation Planning in the Great Basin*. University of Arizona College of Agriculture & Life Sciences Poster Forum, Tucson, AZ, November 10. Online at: http://research.cals.arizona.edu/events/poster-forum/.
- 2014 Brown, T.J., T.U. Wall, and N. Nauslar. *Extremes in Fire The Intersection of Climate, Fuels and People*. Wildfire Canada 2014 Conference, October 7-9.
- Wall, T.U., Brown, T. J. Extreme Wildfire: Are Firefighters Increasingly Surprised By Wildfire Behavior? Should They Be? (poster). Large Fire Conference, Missoula, MT, May 19-22.
- Wall, T.U. Are We Resilient Yet? Methods, Models, and Measurements for Building Resilience and Adaptive Capacity. Mountain Observatories: A Global Fair and Workshop, UNR, Reno, NV, July 16-19.
- Wall, T.U., and S. Vanderburg. *Santa Ana Winds Threat Index* (Poster). Natural Hazards Workshop, Boulder, CO, July 13-17.
- 2013 Wall, T.U. *Great Basin Climate Forum Series*. Climate Prediction Application Science Workshop, Logan, UT, April 23-25.
- Wall, T.U. Santa Ana Winds Threat Index: Reducing wildfire risk in the wildland urban interface in southern California. American Meteorological Society Annual Meeting, Austin, TX, January 7-10.
- Wall, T.U. *Does Attribution Matter? Unpacking Perspectives of Attribution and Climate Change*. Lead panel organizer, Tahoe Science Conference, South Lake Tahoe, CA, May 22-24.

INVITED PRESENTATIONS

- Wildfire is a Joint Venture Enterprise. Invited speaker with Nick Nausler, SPC and Alex Hoon, NWS. Sponsored by the Regional Integrated Science Assessments (RISA) Program at NOAA. Webinar, April 11.
- 2018 *Fire Stories*. Invited Speaker. Fire on the 5s, National Weather Service. Webinar, August 15.

- 2018 Are Wildfires Getting More Extreme? Invited Speaker. Fire in the Southwest Today: CLIMAS & SW Climate Science Center Colloquium and Panel Discussion. March 23.
- 2017 Evaluating Co-Produced Climate Science. Invited speaker. Annual retreat for Western Water Assessment (RISA), the Northern Plains Regional Climate Hub (USDA), and the North Central Climate Science Center (USGS). Fort Collins, Co, June 20-22.
- 2017 Using Narrative Stories to Understand Traditional Ecological Knowledge in the Great Basin. Great Basin Landscape Conservation Cooperative Webinar Series, December 6.
- 2017 Fire Stories. UNR Geography Department Colloquium. UNR, Reno NV February 1.
- 2017 Evaluating Co-Produced Climate Science. Annual Joint Fire Sciences Program meeting, invited speaker. UNR, Reno, NV, May18.
- 2017 Evaluating Co-Produced Climate Science. NOAA Science talk webinar series. June 20.
- 2017 Creating Research for People to Use. Southwestern Tribal Climate Change Summit. San Diego, CA, September 18-19.
- 2016 Spot Weather Forecasts: improving utilization, communication and perceptions of accuracy in sophisticated stakeholder groups. Annual Regional Integrated Science Assessments (RISA) Meeting, Tucson, AZ, Feb. 23-25.
- 2016 Fire Stories, USFS RD&A Science Talk (webinar). November 4.
- 2016 Fire, Climate, And Drought: A Review of Three Wildfire-Focused Projects. Seminar for the Wildland Management Research, Development and Applications group. Webinar. February 4.
- 2015 Fire Stories: Wildland Fire Fighters Perceptions of _____ Fire Behavior. National Wildfire Coordinating Group, Fire Behavior Subcommittee. Phoenix, AZ, October 9.
- 2015 *Challenges in Adapting to Climate Change*—session lead. Great Basin Consortium Conference, Boise, ID, February 17-19.
- 2015 *Tradeoffs: Living in the Burning West, Today and Tomorrow.* Air & Waste Management Association. Peppermill Resort, Reno, NV, February 3.
- 2014 Invited Speaker, Executive Oversight Committee, Bi-State Sage-Grouse. *Planning for the Future of the Great Basin: using the Rapid Ecological Assessment data for climate change planning and adaptation.* BLM, Reno, NV, February 28.
- 2014 Invited speaker, UNR Department of Geography colloquium. *Getting Past the Loading Dock and into the Building: Challenges in Applied Climate Science*. UNR, Reno, NV, March 12.
- 2014 Invited speaker, *Update on the Fire Extremes Project*, National Wildfire Coordinating Group, Fire Behavior Subcommittee. Boise, ID, October 7.
- 2014 Invited speaker, California-Nevada-Hawaii Forest Fire Council. *Extremes in Fire—the intersection of Climate, Fuels, and People*. South Lake Tahoe, CA, October. 22.
- 2013 Santa Ana Wildfire Fire Threat Index. Thomas Rolinski, USFS, Brian D'Agostino, SDG&E, Tamara Wall, DRI. Presented to the USFS R5 Board of Directors, at the USFS Training Center, Sacramento, CA, July 10.
- 2013 Santa Ana Winds Project: Social Science Results and Applications. Presented to leadership group, at San Diego Gas and Electric Mission Control Center, San Diego, CA, June 13.

INVITED WORKSHOP & SYNERGISTIC ACTIVITIES

- Invited participant, co-organizer and facilitator for the Southwest Climate Adaptation Science Center's *Southwest Adaptation Forum*, Tucson, AZ, October 29-31.
- 2018 Invited participant, NSW-Fire Weather Team *Red Flag Warnings and Fire Weather Watches Workshop*, Boise, ID, September 18-19.
- 2017 Ongoing lead PI, California Nevada Applications Program, a NOAA funded Regional and Integrated Assessments (RISA) team.
- 2017 Ongoing, lead PI for DRI on the Southwest Climate Adaptation Science Center (SW CASC).
- 2016 Lead organizer: Evaluating Co-Produced Climate Science: Developing Metrics and Measures. This workshop gathered evaluation experts and national and regional program leadership from the DOI Climate Science Centers, Landscape Conservation Cooperatives, NOAA RISA, and the USDA Climate hubs to discuss methods and needs to evaluate co-produced climate science. February 2-3, Reno, NV.
- 2016 Plenary Panel Discussion Lead, simulcast between Portland, OR and Melbourne, Australia, How Do We Make the Complex Tradeoffs Necessary to Effectively Manage Fuels for Ecosystem Health and Public Safety? IAWF Fire Behavior and Fuels Conference, Portland, OR, April 11-14.
- 2016 Lead organizer: Developing *Alternative Futures for the Great Basin*. Four workshops held with stakeholders in Elko, NV and Reno, NV to coproduce spatially explicit scenarios for the Great Basin. Funder: Bureau of Land Management.
- 2015 Invited Participant: Southwest Climate Science Center Strategic Planning Workshop, Tucson, AZ, April 13-15.
- 2015 Invited Participant: *Translational Ecology Workshop*, National Center for Ecological Analysis and Synthesis, Santa Barbara, CA, November 17-19.
- 2015 & 2013 Instructor and co-organizer for the *Tribal Climate Change Adaptation Workshops*, held at DRI 2013, Fort Hall, ID and Bishop, CA in 2015, with the Institute for Tribal and Environmental Professionals and the Great Basin Landscape Conservation Cooperative.
- 2014 Attended the American Meteorological *Society Summer Policy Colloquium*, Washington D.C., June 1-11.
- 2014 Invited participant, Pepsi-Co Workshop, Reno, NV, November 21.
- 2013 Southern Sierra Climate Change Adaptation Workshop. Visalia, CA, February 20-21.
- Nevada EPSCoR workshop, Climate Change Science for Effective Resource Management and Public Policy in the Western United States. Las Vegas, NV, March 26-28.
- 2012 PI and Instructor, *STEM workshop for Washoe County Science Teachers*, funded by NASA EPSCoR, Reno, NV.
- 2012 Invited participant, *Grand Canyon Wildfire Retrospective Workshop*. North Rim, Grand Canyon, AZ, September 11-13.
- 2012 Invited participant, *Migration, Urbanization and Climate Change Workshop*, CUPC-NCAR Boulder, CO, May 7-8.
- 2012 Invited Participant, *Rural Communities Chapter Workshop*, National Climate Assessment, Charleston, SC, February 13-14.

- Invited participant, *Colorado River Basin Workshop*, Sponsored by the National Climate Assessment, Boulder, CO, June 6-8.
- 2011 Invited participant, *Southwest Technical Report Workshop*, Sponsored by the National Climate Assessment, Boulder, CO, August 2-4.

PUBLICATIONS AND TECHNICAL REPORTS:

- Meadow, A.M., A. Horganic, T.U. Wall. (*in review*). Evaluating Collaborative Climate Science Research Processes and Impacts.
- VanderMolen, K., Wall, T.U. and Daudert, B. (in press). A Call for the Evaluation of Web-based Climate Data and Analysis Tools. BAMS.
- T. Wall, G. Garfin, J. Brugger, H. Hartmann, and T. Brown. (2018). Final Report: Scenario Planning in the Great Basin Region: Considering Climate Change Impacts and Management Strategies for the Future.

 http://www.dri.edu/images/stories/research/projects/CGBScenarioPlanning/Scenario_Planning_in_the_Great_Basin_Region.pdf
- Western Regional Climate Center (2018) *The National Integrated Drought Information System Drought and Wildfire Nexus (NDAWN) Strategic Plan: 2018-2022.* Final Report prepared for the National Integrated Drought Information System (NIDIS).
- Wall, T. U., E. McNie, G.M. Garfin, (2017). Use-inspired science: making science usable by and useful to decision makers. *Frontiers in Ecology and the Environment*, 15(10), 551-559
- Velez, A., J. Diaz, T. Wall. (2017). Public information seeking and place-based risk messaging in Southern California: disseminating the Santa Ana Wildfire Threat Index. *Journal of International Wildland Fire* 26(6) 469-477. https://doi.org/10.1071/WF16219
- Wall, T., T. Brown, and N. Nausler. (2017) Improving Utilization, Communication, and Perceptions of Accuracy in Sophisticated User Groups. *Weather, Climate, and Society*. Online; https://doi.org/10.1175/WCAS-D-15-0055.1
- Wall, T., A. M. Meadow, A. Horangic (2017). Developing Evaluation Indicators to Improve the Process of Co-producing Usable Climate Science. *Weather, Climate, and Society* 9(1), 95-107, doi: 10.1175/wcas-d-16-0008.1
- Wall, T. and T.J. Brown. *Fire Stories: Understanding Wildland Fire Fighters Perceptions of Extreme Fire Behavior.* (2016). Final Report for the Wildland Fire Management Research and Development Application Program, part of the National Wildfire Coordinating Group.
- Wall, T. and T.J. Brown. *Drought and Wildfire: Impacts on Wildfire Planning, Behavior, and Effects.* (2016). Report from the Drought and Wildfire Impacts Workshop, Boise, ID October 2015.
- Wall, T., A. M. Meadow, A. Horangic (2017). Developing Evaluation Indicators to Improve the Process of Co-producing Usable Climate Science. *Weather, Climate, and Society 9(1), 95-107, doi: 10.1175/wcas-d-16-0008.1*
- Horangic, A., K. Berry and T.U. Wall. (2016). Influences On Stakeholder Participation In Water Negotiations: A Case Study From The Klamath Basin. *Society and Natural Resources*. 1-15.

- Meadow, A., D. Ferguson, Z. Guido, A. Horangic, G. Owen, T. Wall. (2015). Moving toward the deliberate coproduction of climate science knowledge. *Weather, Climate, and Society* 7(2) 179-191.
- Wall, T., T. Brown, and N. Naulser. USFS Pocket Card Recommendations. (2014). Final report to the National Wildfire Coordinating Group Fire Behavior Subcommittee. Recommendations from report are being incorporated into the next generation (2016) of the National Fire Danger Rating System.
- Wall, T., A. Knox Velez, J. Diaz (2014) Wildfire Readiness in the Southern California Wildland-Urban Interface: understanding wildfire preparedness and evacuation readiness among residents in southern California's wildland-urban interface. Prepared for San Diego Gas & Electric and the USFS, Predictive Services.
- Wall, T., T. Brown, and N. Naulser. USFS Pocket Card Recommendations. (2014). Report to the NWCG Fire Behavior Subcommittee. Recommendations from report are being incorporated into the next generation (2016) of the National Fire Danger Rating System.
- Wall, T., G. Garfin, and J. Galayda. (2012). Evaluating Our Capacity: a discussion of capability for ongoing climate assessment in the Colorado River Basin. Available online at: http://www.climas.arizona.edu/publications/2375
- Wall, T.U. and C. von Reichert. (2012) Divorce as an Influence in Return Migration to Rural Areas. *Population, Space and Place*. DOI:10.1002/psp.1719.
- Wall, T.U. and S.J. Halvorson. (2011). Wildfire Research in an Environmental Hazards Course: An Active Learning Approach. *Journal of Geography*. 110(1) 6-15.

FACILITATION AND WORKSHOP ORGANIZATION EXPERIENCE & TRAINING

- Ongoing: Convener and co-organizer for the Great Basin Climate Forum Series, held twice yearly in the Great Basin. Funder: California Nevada Applications Program, National Oceanic Atmospheric Administration (NOAA).
- 2018 Facilitator and co-convener, Red Flag Warning and Fire Weather Watches Stakeholder Meeting: Boise, ID, April 7-8.
- Facilitator and co-convener, Wildfire +Drought, California-Nevada Drought Early Warning System First Annual Coordination Workshop: Reno, NV, June 21-22.
- 2017 Facilitator and co-convener, NDAWN Sub-Regional Workshop: Vancouver, WA, June 1.
- 2017 Facilitator and co-convener, NDAWN Sub-Regional Workshop: Missoula, MT, May 31.
- 2017 Facilitator, Regional Climate Centers Strategic Goals: Kansas City, MO, November 7-8.
- 2017 Facilitator, NIDIS Drought and Wildfire Nexus (NDAWN) Sub-Regional Workshop: Reno, NV, December 7.
- 2017 Lead facilitator, NIDIS/RISA Strategic Planning Meeting: Norman, OK, February 13-16.
- 2016 Co-organizer and facilitator, Salish Confederated Kootenai Tribe Drought and Climate Change Workshop: Polson, MT, November 29-December 1.
- 2016 Facilitator, California-Nevada DEWS/NIDIS Fall Stakeholder Workshop and Update. Riverside, CA, September 15.
- 2015 Conference co-organizer: Southwestern Climate Science Center Climate Summit, Sacramento, CA, November 2- 3.

- 2015 Lead designer and facilitator for a 2-hour workshop in collaborative climate science at the Biennial Conference of Science and Management on the Colorado Plateau and the Southwest Region, Flagstaff, AZ, October 5-8.
- Design and co-facilitate a 2-hour plenary session for the 23 annual Tribal/EPA Region 9 Conference, Reno, NV, October 27.
- 2015 Lead organizer and facilitator for a 2 ½ day regional meeting focused on fire and drought effects, funded by the National Integrated Drought Information System (NIDIS). Boise, ID, October 21-22.
- 2015 Organized and facilitated in-meeting workshop session with NOAA's Regional Integrated Science Assessment National Team Meeting, Charleston, NC, January 13-15
- 2014 Facilitator for the Washoe County Climate Resiliency Plan working group. The working group comprised representatives from Washoe County, Reno, and Sparks City governments.
- 2014 Lead organizer and co-facilitator, *Scenario Planning in the Great Basin Workshop*. DRI, Reno, NV. June 25-27 and November 18-20.

TRAINING

- 2018 Invited member, the GLEN (Global Learning and Exchange Network) to continue knowledge building and sharing across the United States and Europe on organizational development and design, since 2017.
- 2017 Participant, Learning as Sacred Practice, Grove Consultants, Petaluma, CA, October 23-27.
- 2016 Dealing with Complex Problems, Cognitive Edge, Seattle, WA, March 14-15.
- 2016 Analysis to Action with SenseMaker, Houston, TX, September 8-9.
- 2016 Monitoring and Evaluation (M&E) Planning for Programs/Projects, e-study through American Evaluation Association (AEA).
- 2016 Making it Real: Systems Approaches for Evaluation, AEA annual conference workshop, Atlanta, GA, October 24-25.
- 2016 Introduction to Communities of Practice, AEA annual conference workshop, ½ day Atlanta, GA, October 26.
- 2015 Completed *Advanced Visual Facilitation* with the Grove Consultants International in San Francisco, CA, July 22-24.
- 2015 Completed two-day facilitation workshop with Liberating Structures in Seattle, WA, January 20-22.
- 2014 Completed 40-hour course with Cognitive Edge in SenseMaker and the Cynefin Framework, Vancouver, B.C., July 7-11.
- 2014 Completed Grove Consultants International three-day workshop in *Designing and Leading Change*, San Francisco, CA, September 17-19.
- 2014 Human Systems Dynamics workshop. Chicago, IL in October 22-24.
- 2013 Completed Grove Consultants International workshops *Principles of Graphic Facilitation* and *Facilitating Virtual Collaboration*, June 5-7 and June 10-11.

2013 Completed the Udall Certificate in Environmental Collaboration from the U.S. Institute for Environmental Conflict Resolution.

SERVICE

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2018	& 2019 Co-Organizer, Fire Behavior & Fuels Conference, Albuquerque, NM
2018	Panel Reviewer, State of California Climate Adaptation
2018	Panel Reviewer, Regional Integrated Science and Assessments Program
2018	Panel Reviewer, National Estuarine River Reserve System (NERRS), NOAA
2017	Organizer, Nevada Prescribed Fire Alliance
2017	Panel Reviewer, National Estuarine River Reserve System (NERRS), NOAA
2016	Co-Organizer, Fire Behavior & Fuels Conference, Melbourne and Portland
2016	PhD Committee member, Randy Striplin, Dept. of Geography, UNR, Reno NV.
2016	Informal Advisor, Ian Satterfield, Truckee Meadows Fire Protection District for the National Fire Academy's Executive Fire Officer Program, U.S. Fire Administration
2015	Chair, search committee for WRCC postdoctoral fellowship
2014	WRCC Strategic Planning Committee
2013	Search committee member, CEFA postdoctoral fellowship
2012	Search committee member, WRCC research assistant
2012	Chair, search committee, WRCC research assistant

OTHER AFFILIATIONS

Southwest Climate Adaptation Science Center (SW CASC)

California Nevada Applications Program (NOAA)

Western Regional Climate Center (NOAA)

Adjunct Professor, Department of Geography, University of Nevada, Reno, NV

2013 M.S. committee member, Alexandra Horangic, Dept. of Geography, UNR

PROFESSIONAL MEMBERSHIPS

American Meteorological Society

American Geophysical Union

International Association of Wildland Fire