

Alison M. Meadow, Ph.D.

Associate Research Professor

University of Arizona

Research, Innovation, and Impact - Societal Impact

<https://orcid.org/0000-0003-0315-5700>

<https://policyprofiles.sagepub.com/profile/388/alison-m.meadow>

Professional Preparation

M.S. Planning	2010
University of Arizona Concentration: Environmental and Healthy Cities Planning	
Ph.D. Anthropology	2009
University of Alaska Fairbanks Dissertation: Evaluating and Designing Urban Food Systems	
M.A. American Indian Studies	1999
University of Arizona Thesis: The Legislation of Identity	
B.A. (Hons.) Native Studies and Anthropology	1996
Trent University	

Professional Employment

Associate Research Professor Office of Societal Impact – University of Arizona	current
Associate Research Professor Arizona Institutes for Resilience – University of Arizona	2020 - 2022
Associate Research Scientist Institute of the Environment – University of Arizona	2017 – 2020
Adjunct Assistant Research Scientist School of Natural Resources and the Environment – University of Arizona	2015 - present
Staff Scientist Center for Climate Adaptation Science and Solutions – University of Arizona	2014 - 2017
Program Manager Southwest Climate Science Center – University of Arizona	2012 - 2014

Assistant Research Scientist University of Arizona: Department of Soil, Water and Environmental Science	2010 - 2013
Program Evaluator Meadow Consulting	2002 - 2003
Professional Research Assistant University of Colorado Health Sciences Center	2002 - 2003
Action Research Facilitator Fairbanks North Star Borough School District	1999 - 2002

Peer Reviewed Publications

* work done as graduate student

° graduate student advisee or mentee

1. Meadow, Alison M., Gigi Owen, °Nupur Joshi, and °Elise Lodge Otto. accepted. Combining Impact Goal and Impact Descriptor Frameworks to Elucidate the Societal Impacts of Research: A Pilot Study. *Research For All*.
2. Liang, X.-Z., Gower, D., Kennedy, J. A., Kenney, M., Maddox, M. C., Gerst, M., Balboa, G., Becker, T., Cai, X., Elmore, R., Gao, W., He, Y., Liang, K., Lotton, S., Malayil, L., Matthews, M. L., **Meadow, A. M.**, Neale, C. M. U., Newman, G., . . . Zhang, X. (2024). DAWN: Dashboard for Agricultural Water Use and Nutrient Management—A Predictive Decision Support System to Improve Crop Production in a Changing Climate. *Bulletin of the American Meteorological Society*, 105(2), E432-E441. <https://doi.org/10.1175/BAMS-D-22-0221.1>
3. Jagannathan, K., Emmanuel, G., Arnott, J., Mach, K. J., Bamzai-Dodson, A., Goodrich, K. A., Myer, R., Neff, M., Sjoström, K. D., Timm, K. M. F., Turnhout, E., Wong-Parodi, G., Bednarek, A., **Meadow, A. M.**, Dewulf, A., Kirchhoff, C., J., Moss, R. H., Nichols, L., Oldach, E., . . . Klenk, N. 2023. A Science of Actionable Knowledge research agenda: Drawing from a review of the most misguided to the most enlightened claims in the science-policy interface literature. *Environmental Science & Policy*, 144, 174 - 186. <https://doi.org/10.1016/j.envsci.2023.03.004>
4. Gerlak, Andrea K., Zack Guido, Gigi Owen, Mariana Sofia Rodriguez McGoffin, Elena Louder, Julia Davies, Kelly Jay Smith, Andrew Zimmer, Anna M. Murveit, **Alison M. Meadow**, Padmendra Shrestha, and Nupur Joshi. 2023. Stakeholder Engagement in the Co-Production of Knowledge for Environmental Decision-making. *World Development*. 170 (106336). <https://doi.org/10.1016/j.worlddev.2023.106336>
5. National Academies of Sciences, Engineering, and Medicine. 2023. Strengthening Equitable Community Resilience: Criteria and Guiding Principles for the Gulf Research Program’s Enhancing Community Resilience (EnCoRe) Initiative. Washington, DC: The National

Academies Press. <https://doi.org/10.17226/26880>

6. °Murveit, Anna M., °Sonia Delphin, Carlie Domingues, Shawn D. Bourque, Sam D. Faulstich, Gregg Garfin, Nancy Huntly, **Alison M. Meadow**, and Vikki Preston. 2023. Stories as Data: Indigenous Research Sovereignty and the “Intentional Fire” Podcast. *Environment and Planning F*. <https://doi.org/10.1177/26349825221142293>
7. Ferguson, Daniel B., **Alison M. Meadow**, and Henry P. Huntington. 2022. Making a Difference: Planning for Engaged Participation in Environmental Research. *Environmental Management* 69 (2):227-243. <https://doi.org/10.1007/s00267-021-01585-5>
8. Wilmer, Hailey, **Alison M. Meadow**, Amanda Bentley Brymer, Stephanie Russo Carroll, Daniel B. Ferguson, Ibrahim Garba, Christina Green, Gigi Owen, and Dannele E. Peck. 2021. Expanded ethical principles for research partnership and transdisciplinary natural resource management science. *Environmental Management*. 68(4) 453-467. <https://doi.org/10.1007/s00267-021-01508-4>
9. Stern, Marc J, David D Briske, and **Alison M. Meadow**. 2021. Opening learning spaces to create actionable knowledge for conservation. *Conservation Science and Practice*: e378. <https://doi.org/10.1111/csp2.378>
10. °Rozance, Mary Ann, Meade Krosby, **Alison M. Meadow**, Amy Snover, Daniel B Ferguson, and Gigi Owen. 2020. Building capacity for societally engaged climate science by transforming science training. *Environmental Research Letters* 15 (12):125008. [10.1088/1748-9326/abc27a](https://doi.org/10.1088/1748-9326/abc27a)
11. Mach, Katharine J., Maria Carmen Lemos, **Alison M. Meadow**, Carina Wyborn, Nicole Klenk, James C. Arnott, Nicole M. Ardoin, Clare Fieseler, Richard H. Moss, Leah Nichols, Missy Stults, Catherine Vaughan, and Gabrielle Wong-Parodi. 2020. Actionable knowledge and the art of engagement. *Current Opinion in Environmental Sustainability* 42:30-37. <https://doi.org/10.1016/j.cosust.2020.01.002>
12. Arnott, James, Christine Kirchhoff, J., Ryan M. Meyer, **Alison M. Meadow**, and Angela T Bednarek. 2020. Sponsoring actionable science: What public science funders can do to advance sustainability and the social contract for science. *Current Opinion in Environmental Sustainability* 42:38-44. <https://doi.org/10.1016/j.cosust.2020.01.006>
13. VanderMolen, Kristin, **Alison M. Meadow**, Alexandra Horangic, and Tamara U. Wall. 2020. Typologizing Stakeholder Information Use to Better Understand the Impacts of Collaborative Climate Science. *Environmental Management*. 65: 178-189. [10.1007/s00267-019-01237-9](https://doi.org/10.1007/s00267-019-01237-9)
14. Norström, Albert V., Christopher Cvitanovic, Marie F. Löf, Simon West, Carina A. Wyborn, Patricia Balvanera, Angela T. Bednarek, . . . **Alison M. Meadow**, Harini Nagendra, Davnah

- Payne, Garry D. Peterson, Belinda Reyers, Robert Scholes, Chinwe Ifejika Speranza, Marja Spiereburg, Mark Stafford-Smith, Maria Tengö, Sandra van der Hel, Ingrid van Putten, and Henrik Österblom. 2020. Principles for knowledge co-production in sustainability research. *Nature Sustainability*. January, 1-9. [10.1038/s41893-019-0448-2](https://doi.org/10.1038/s41893-019-0448-2)
15. Cvitanovic, Christopher, Mark Howden, RM Colvin, Albert Norström, **Alison M Meadow**, and PFE Addison. 2019. Maximising the benefits of participatory climate adaptation research by understanding and managing the associated challenges and risks. *Environmental Science & Policy* 94:20-31. <https://doi.org/10.1016/j.envsci.2018.12.028>
 16. Lemos, Maria Carmen, James C Arnott, Nicole M Ardoin, Kristin Baja, Angela T Bednarek, Art Dewulf, Clare Fieseler, Kristen A Goodrich, Kripa Jagannathan, Nicole Klenk, Katharine J. Mach, **Alison M. Meadow**, Ryan Meyer, Richard H. Moss, Leah Nichols, K. Dana Sjostrom, Missy Stults, Esther Turnhout, Catherine Vaughan, Gabrielle Wong-Parodi, and Carina A. Wyborn. 2018. To co-produce or not to co-produce. *Nature Sustainability* 1 (12):722. <https://doi.org/10.1038/s41893-018-0191-0>
 17. °Djenontin, Ida Nadia S., and **Alison M. Meadow**. 2018. The Art of Co-production of Knowledge in Environmental Sciences and Management: Lessons from International Practice. *Environmental Management* 61 (6):885-903. <https://doi.org/10.1007/s00267-018-1028-3>
 18. DeCrappeo, Nicole M., Gustavo A. Bisbal, and **Alison M. Meadow**. 2018. A Path to Actionable Climate Science: Perspectives from the Field. *Environmental Management* 61 (2):181-187. [10.1007/s00267-017-0960-y](https://doi.org/10.1007/s00267-017-0960-y)
 19. Wall, Tamara, **Alison M. Meadow**, and Alexandra Horangic. 2017. Developing Evaluation Indicators to Improve the Process of Co-producing Usable Climate Science. *Weather, Climate, and Society* 9 (1):95-107. <https://doi.org/10.1175/WCAS-D-16-0008.1>
 20. Crimmins, Michael A., Daniel B. Ferguson, **Alison M. Meadow**, and Jeremy L. Weiss. 2017. Discerning “Flavors” of Drought Using Climate Extremes Indices. *Journal of Applied Meteorology and Climatology* 56 (4):989-1001. <https://doi.org/10.1175/JAMC-D-16-0270.1>
 21. Chief, Karletta, **Alison Meadow**, and Kyle Whyte. 2016. Engaging Southwestern Tribes in Sustainable Water Resources Topics and Management. *Water* 8 (8):350. <https://doi.org/10.3390/w8080350>
 22. Ferguson, Daniel B., Anna Masayeva, **Alison M. Meadow**, and Michael A. Crimmins. 2016. Rain gauges to range conditions: Developing a local drought information system using locally relevant observations. *Weather, Climate, and Society* 8 (4):345-359. <https://doi.org/10.1175/WCAS-D-15-0060.1>

23. **Meadow, Alison M.**, Zack Guido, Michael A. Crimmins, and Jonathan Mcleod. 2016. From Principles to Action: Applying the National Research Council's Principles for Effective Decision Support to the Federal Emergency Management Agency's Watch Office. *Climate Services* 1:12-23. <https://doi.org/10.1016/j.cliser.2016.02.002>
24. **Meadow, Alison M.**, Daniel B. Ferguson, Zack Guido, Alexandra Horangic, Gigi Owen, and Tamara Wall. 2015. Moving toward the Deliberate Coproduction of Climate Science Knowledge. *Weather, Climate, and Society* 7 (2):179-191. <https://doi.org/10.1175/WCAS-D-14-00050.1>
25. Brugger, Julie, **Alison Meadow**, and Alexandra Horangic. 2015. Lessons from First Generation Climate Science Integrators. *Bulletin of the American Meteorological Society* 97 (3):355-365. <https://doi.org/10.1175/BAMS-D-14-00289.1>
26. **Meadow, Alison M.**, Michael A. Crimmins, and Daniel B. Ferguson. 2013. Field of Dreams or Dream Team? Assessing Two Models for Drought Impact Reporting in the Semiarid Southwest. *Bulletin of the American Meteorological Society* October:1507 - 1517. <https://doi.org/10.1175/BAMS-D-11-00168.1>
27. **Meadow, Alison M.** 2013. *Alternative Food Systems at Ground Level: The Fairbanks Community Garden. *Journal of Ecological Anthropology* 16 (1):76-84.
28. **Meadow, Alison M.** 2012. *Assessing access to local food system initiatives in Fairbanks, Alaska. *Journal of Agriculture, Food Systems, and Community Development* 2 (2). <https://doi.org/10.5304/jafscd.2012.022.006>
29. **Meadow, Alison**, Chanda Meek, and Shannon McNeeley. 2009. *Towards Integrative Planning for Climate Change Impacts on Rural-Urban Migration in Interior Alaska: A Role for Anthropological and Interdisciplinary Perspectives. *Alaska Journal of Anthropology* 7 (1).

Other Publications and Reports

1. Meadow, Alison M. *BIO5 Societal Impacts: Contributions to UArizona and Beyond*.
2. Meadow, Alison M. and Gigi Owen. 2023. *Integrating Societal Impacts into Strategic Planning: Recommendations for the Joint Fire Science Program Fire Science Exchange Network*.
3. Meadow, Alison M. 2023. *Northwest Climate Adaptation Science Center 2018 - 2023 Science Agenda Evaluation: Uses of NW CASC-funded research by resource management agencies*.
4. Meadow, Alison M., Jeremy Weiss, and Michael Crimmins. 2023. Climate Profile for the Quad Cities Region of Arizona. In *CLIMAS Community Climate Profiles*. University of Arizona.

5. Meadow, Alison M., Gigi Owen, and Nupur Joshi. 2022. *Arizona Institutes for Resilient Environments and Societies Societal Impacts Assessment Report: How AIRES Contributes to Our Region and the World*.
6. Meadow, Alison M., Jeremy Weiss, and Sarah LeRoy. 2021. Climate Profile for the Upper Santa Cruz Watershed – Santa Cruz County, Arizona. *CLIMAS Community Climate Profiles*. University of Arizona. <https://www.climas.arizona.edu/research/community-climate-profiles>
7. Meadow, Alison M., Sarah LeRoy, Jeremy Weiss, and Ladd Keith. 2020. Climate Profile for The Verde Valley. In *CLIMAS Community Climate Profiles*. University of Arizona.
8. Meadow, Alison M. 2020. Assessment of GLISA's Contribution to Societal Impacts in the Great Lakes Region. Report to the Great Lakes Integrated Sciences and Assessments Program. <https://glisa.umich.edu/>
9. Meadow, Alison M., Jeremy Weiss, Sarah LeRoy, Ladd Keith, Sharon Hausman, Ellu Nasser, Sascha Peterson, Alex Basaraba, and Nyssa Russell. 2019. Climate Profile for the Pueblo of Laguna. In *CLIMAS Community Climate Profiles*. University of Arizona – Institute of the Environment.
10. Meadow, Alison M., Sarah LeRoy, Jeremy Weiss, and Ladd Keith. 2019. Climate Profile for The Highlands at Dove Mountain. In *CLIMAS Community Climate Profiles*. Tucson: CLIMAS.
11. Meadow, Alison M., and Daniel B. Ferguson. 2017. Our Climate is Doing What? Tailoring Information about Regional Climate to Support Local Adaptation Decision Making. *Rural Connections* Spring.
12. Meadow, Alison M. 2017. *Defining RISA: Observations from Twenty Years of NOAA's Regional Integrated Sciences and Assessments Program*. Tucson: CLIMAS.
13. Rockman, Marcy, Marissa Morgan, °Sonya Ziaja, George Hambrecht, and **Alison Meadow**. 2016. *Cultural Resources Climate Change Strategy*. Washington DC: Cultural Resources, Partnerships, and Science and Climate Change Response Program National Park Service.
14. Meadow, Alison M., Daniel B. Ferguson, and Michael Crimmins. 2013. Helping a Community Develop a Drought Impacts Reporting System. *Rural Connections* 7 (15-18).
15. Meadow, Alison. 2012. *Supermarkets in Fairbanks. *Agroborealis* 41 (1):9 - 11.
16. Paragi, T, S Craig Gerlach, and **A. Meadow**. 2010. *Security of red meat supply in Alaska. *Agroborealis* 41 (1):36-37.

Other Scholarly Products

1. Meadow, Alison M. and Gigi Owen. 2021 *Planning and Evaluating the Societal Impacts of Climate Change Research Project: A guidebook for natural and physical scientists looking to make a difference*. <http://doi.org/10.2458/10150.658313>
2. Meadow, Alison M., Hailey Wilmer, and Daniel Ferguson. *Expanding Research Ethics in the Era of Transdisciplinary Research*. Northwest Climate Adaptation Science Center Actional Science Skills-Building Webinar Series. November 2020. <https://nwcasc.uw.edu/resources/actionable-science-webinars/>
3. Meadow, Alison M. and Gigi Owen. *Identifying and Reporting the Societal Impacts of Your Research*. April 2020. <https://youtu.be/jtSj8VmVpUA>
4. Meadow, Alison M. and Gigi Owen. *Understanding Organizations Using Ethnographic Field Methods*. Northwest Climate Adaptation Science Center Actional Science Skills-Building Webinar Series. November 2018. <https://nwcasc.uw.edu/resources/actionable-science-webinars/>
5. Meadow, Alison M. and Gigi Owen. *Using Interviews and Surveys to Strengthen Research Partnerships*. Northwest Climate Adaptation Science Center Actional Science Skills-Building Webinar Series. October 2018. <https://nwcasc.uw.edu/resources/actionable-science-webinars/>
6. Meadow, Alison M. *Considering Research Ethics and Design for Participatory Research Projects*. Northwest Climate Adaptation Science Center Actional Science Skills-Building Webinar Series. September 2018. <https://nwcasc.uw.edu/resources/actionable-science-webinars/>
7. Meadow, Alison M. *An Introduction to Collaborative Research Methods*. Northwest Climate Adaptation Science Center Actional Science Skills-Building Webinar Series. May 2018. <https://nwcasc.uw.edu/resources/actionable-science-webinars/>
8. Meadow, Alison M. and Gigi Owen. *Analyzing Qualitative Data: Understanding and Using Interview, Survey Observational Data*. Northwest Climate Adaptation Science Center Actional Science Skills-Building Webinar Series. December 2018. <https://nwcasc.uw.edu/resources/actionable-science-webinars/>
9. Weiss, Jeremy, Sarah LeRoy, **Alison M. Meadow**, and Chris Castro. 2018. Climate Change Impacts on the North American Monsoon: Summary for the Tohono O'odham Nation. In *CLIMAS Community Climate Profiles*. Tucson: University of Arizona.
10. Meadow, Alison M., Sarah LeRoy, Jeremy Weiss, and Ladd Keith. 2018. Climate Profile for The City of Flagstaff, Arizona. In *CLIMAS Community Climate Profiles*. Tucson: University of

Arizona.

11. LeRoy, Sarah, **Alison M. Meadow**, and Jeremy Weiss. 2018. Climate-Related Hazards in the Town of Oro Valley, Arizona. In *CLIMAS Community Climate Profiles*. Tucson: University of Arizona.
12. Ferguson, D.B., M.A. Crimmins, A. Masayesva, **A.M. Meadow**, J.L. Weiss, H. Faulstich. 2017. *Drought Monitoring to Support Planning for the Hopi Tribe: Final Report from 2010-2016 Collaboration between the Hopi Department of Natural Resources and the Climate Assessment for the Southwest*. Tucson, AZ: Climate Assessment for the Southwest.
13. Meadow, Alison M., and Selso Villegas. 2017. Tohono O'odham Nation Climate Change Adaptation Plan. Sells, AZ: Tohono O'odham Nation Department of Water Resources.
14. Meadow, Alison M., J. Weiss, S. LeRoy, V. A. Small, M. Black, and D. Ferguson. 2017. Climate Profile for the Fort McDowell Yavapai Nation. Native Nations Climate Adaptation Program; University of Arizona.
15. Meadow, A., J. Weiss, S. Leroy, M. Black, D.B. Ferguson, and M. Crimmins. 2016. *Climate Profile for the Truckee River Basin and Pyramid Lake Indian Reservation*. Tucson, AZ: Native Nations Climate Adaptation Program, University of Arizona.
16. Meadow, A., M. Black, M. Crimmins, D.B. Ferguson, and J. Weiss. 2016. *Climate Profile of Gila River Indian Community*. Tucson, AZ: Native Nations Climate Adaptation Program, University of Arizona.

Works in Progress

1. Meadow, Alison M., Daniel B. Ferguson, and Hailey Wilmer. in review. Planning Ethical Research: Incorporating Expanded Ethical Principles into Your Work. In *The Field Guide of Mixed Methods Research*, edited by R. Lave and S. Lane: Open Book Publishing.
2. Martinez, Deniss J., **Alison M. Meadow**, Elizabeth Rose Middleton, and Julie Maldonado. in review. Climate Justice and Climate Adaptation in the US Southwest: Indigenous Community Climate Adaptation Leadership and Opportunities for Scientific Collaboration.
3. Courtney, Stephanie, Paul Armsworth, Aparna Bamzai-Dodson, Amanda Hyman, Karen McNeal, Haven Cashwell, Marissa Weiss, Michelle Staudinger, Kristin M. F. Timm, **Alison M. Meadow**, Marina Cucuzza, Mitchell Eaton, and Scott Laursen. in process. Evaluating the Impact of the USGS Climate Adaptation Science Centers.

Scholarly Presentations (last 3 years)

1. Meadow, Alison M. *Building capacity for Engagement, Evidence Use, and Societal impact in research*. Assessing the Impacts of Engaged Research and Its Use: Evidence and

Opportunities. Warrenton, VA; October 2023.

2. Meadow, Alison M. *How do we know if knowledge mobilization strategies are effective in climate science research?* Making, Mobilizing and Using Evidence in Policy and Practice Conference. Miami, FL; October 2022. **Invited.**
3. Meadow, Alison M. *Deep Roots Make Strong Trees: Climate Adaptation Rooted in Community History.* Oil, Water and Climate: Environmental Histories of Texas. Institute for Historical Studies, University of Texas at Austin; April 2021. **Invited.**
4. Meadow, Alison M. *Evaluation Approaches to Inform Decision Making Under Deep Uncertainty Practices.* Society for Decision Making Under Deep Uncertainty Annual Meeting. Monterrey, MX (online due to pandemic); November 2020.
5. Meadow, Alison. M. and Ladd Keith. *Mitigating the Urban Heat Island.* Annual Desert Horticulture Conference. (online due to pandemic); May 2020.
6. Fields, Jennifer, **Alison M. Meadow**, Michelle Higgins, and Gigi Owen. Demonstrating Impact: Scaling from Project Evaluation to Collective Impact. Advancing Research Impacts in Society Summit. (online due to pandemic); April 2020.
7. Meadow, Alison. *Evaluating the Production and Impact of Actionable Knowledge.* National Council on Science and the Environment Annual Conference. Washington, DC; January 2020.

Outreach

National

Meadow, Alison M. **Invited Speaker.** *Evaluating Climate Services.* NASEM US Global Change Research Program Annual Meeting. October 2023.

Meadow, Alison M. **Invited Speaker.** *Transdisciplinary Approaches: Principles and Ethics.* USDA National Agricultural Library [Transdisciplinary Approaches Webinar Series](#). August 2023.

Meadow, Alison M. **Invited Speaker.** *Demonstrating the Societal Impacts of Climate Change Projects and Programs.* US Geological Survey Land Change Science and Climate Research & Development Program Staff Call. February 2023.

Meadow, Alison M. **Invited Keynote Speaker.** *Engaging, Collaborating, Learning, and Having Impact.* South Central Climate Adaptation Science Center Early Career Workshop. Norman, OK. July 2022.

Ferguson, Daniel B, Alison M. Meadow, and Henry Huntington. *Environmental Science With (not at) Society*. **Invited Speakers**. Northwest Climate Adaptation Science Center Actionable Science Webinar Series. May 2022.

Meadow, Alison M. and Gigi Owen. **Invited Speakers**. *Evaluating the Societal Impacts of Climate Change Research Projects and Programs*. Mountain West Climate Services Partnership. April 2022.

Meadow, Alison M. *Evaluating the Impacts of CASC-Funded Research*. **Invited Speaker**. Climate Adaptation Science Centers Network Staff. September 2018.

Meadow, Alison M. *Evaluating the Impacts of CSC-Funded Research*. **Invited Speaker**. Southeast Climate Adaptation Science Center Advisory Committee Meeting. March 2018.

Meadow, Alison M. *Evaluation of the NW CSC Science Agenda: Accountability, Learning, and Impact*. **Invited Speaker**. Northwest Climate Adaptation Science Center Stakeholder Advisory Committee Meeting. October 2017.

Meadow, Alison M. *Making Research Actionable Through Collaboration and Participation*. **Invited Speaker**. Translational Science Workshop - EPA Office of Research and Development. October 2017.

Meadow, Alison M. *Evaluating the Production of Actionable Science*. **Invited Speaker**. Department of the Interior Advisory Committee on Climate Change on Natural Resource Science. November 2016.

Meadow, Alison M. *Moving Toward the Deliberate Coproduction of Climate Science Knowledge*. **Invited speaker**. Climate Impacts Group Seminar; Seattle, December 2015.

Meadow, Alison M. and Daniel B. Ferguson. *Moving Toward the Deliberate Coproduction of Climate Science Knowledge*. **Invited Speakers**. National Climate Change and Wildlife Science Center webinar; October 2015.

Local/State/Region

Meadow, Alison M. *Climate Change in the Quad Cities Region of Arizona*. Prescott Area Wildland-Urban Interface Coalition. **Invited Speaker**. December 2022.

Meadow, Alison M. *Climate Change in the Quad Cities Region of Arizona*. Yavapai Climate Change Coalition Meeting. **Invited Speaker**. October 2022.

Meadow, Alison M. *CLIMAS Community Climate Profiles for Climate Change Adaptation Planning*. Prescott City Council. April 2022.

Meadow, Alison M. *Climate Change in the Upper Santa Cruz Watershed: A Presentation to the Arizona Land and Water Trust. Invited Speaker.* March 2021.

Meadow, Alison M. *Climate Change and the Pueblo of Laguna.* Laguna, NM. October 2019

Meadow, Alison M., Jeremy Weiss, Sarah LeRoy, and Ladd Keith. *Climate Profiles to Support Planning.* Pima County Multi-Jurisdictional Hazard Mitigation Stakeholder Workshop. Tucson, October 2018.

Meadow, Alison M. *Tohono O'odham Nation Climate Change Adaptation Plan.* San Xavier District Council Meeting; Tohono O'odham Nation, September 2017.

Meadow, Alison M. *Climate Change Impacts and Adaptation Strategies for the Tohono O'odham Nation. Invited Speaker.* All Hazards Preparedness Conference; Tohono O'odham Nation Office of Emergency Management. Tucson, August 2017.

Meadow, Alison M. *Tohono O'odham Nation Climate Change Adaptation Plan.* San Lucy District Council Meeting – Tohono O'odham Nation, June 2017.

Meadow, Alison M. *Tohono O'odham Nation Climate Change Adaptation Plan.* Hickiwan District Council Meeting – Tohono O'odham Nation, April 2017.

Meadow, Alison M. *Tohono O'odham Nation Climate Change Adaptation Plan.* Pisinimo District Council Meeting – Tohono O'odham Nation, March 2017.

Meadow, Alison M. *Tohono O'odham Nation Climate Change Adaptation Plan.* Sells District Council Meeting - Tohono O'odham Nation, February 2017.

Meadow, Alison M. *Climate Change and the Tohono O'odham Nation.* Tohono O'odham Nation Health and Human Services Department. Sells, AZ, January 2017.

Meadow, Alison M. *Climate Information and Climate Change Adaptation Planning. Invited Speaker.* Southwest Indian Agriculture Association Conference; Laughlin, NV, January 2017.

Meadow, Alison M. *Gila River Indian Community Climate Profile.* Sacaton, AZ, September 2016.

Meadow, Alison M. *Tohono O'odham Nation Climate Change Adaptation Plan.* Tohono O'odham Nation Legislative Council. Sells, AZ, May 2015.

Service

University of Arizona Internal

RII Faculty Advisory Committee (August 2022 – present)

Justice, Equity, Diversity, and Inclusion Committee – Arizona Institutes for Resilience (June 2020 – 2022)

University Initiatives Parental Leave Working Group (April – May 2021)

External

Member, **Transforming Evidence Network Advisory Committee** (February 2024 – present)

Member, **USDA-NIFA Transdisciplinary Webinar Series Planning Committee** (May 2023 – present)

Member, **National Academies of Science, Engineering, and Medicine EnCoRe Criteria Study Committee** (July 2021 – 2023)

Member, **City of Tucson Landscape Advisory Committee** (October 2019 – October 2023)

Ad Hoc Peer Reviewer

Journals: Arctic Science, Bulletin of the American Meteorological Society, Cities, Climate Policy, Climate Risk Management, Climatic Change, Conservation Letters, Conservation Science and Policy, Ecology and Society, Environment Development and Sustainability, Environmental Policy and Governance, Environmental Science and Policy, Journal of Environmental Management, Ocean and Coastal Management, Progress in Community Health Partnerships, Science of the Total Environment, Society and Natural Resources, Weather Climate and Society, WIRES Climate Change.

Book Publisher: Island Press

Funding Proposal Review Panels: Maryland SeaGrant, Global Center for Food Systems Innovation, Joint Fire Science Program, NOAA Climate Program Office, Southeast Climate Adaptation Science Center

Other: UN Global Environmental Outlook for Cities 6th Edition. <https://www.unep.org/global-environment-outlook>

Awards and Fellowships

Center for Advancing Research Impact in Society (ARIS) 2020 Fellow

University of Alaska Graduate College Thesis Completion Fellowship (2008 – 2009)

National Science Foundation Arctic Social Sciences Program Dissertation Improvement Grant (2007 – 2009)

University of Alaska Fairbanks and National Science Foundation Experimental Project to Stimulate Competitive Research (EPSCoR) Fellowship (2008)

University of Alaska Fairbanks and National Science Foundation Integrated Graduate Education and Research Traineeship (IGERT) Fellowship (2003 – 2006)

University of Alaska Fairbanks Henry B. Collins Fellowship in Circumpolar Anthropology (2004 – 2005)

Mentoring

Dissertation Committee Member - three students in Arid Lands Resource Science and School of Geography and Development

Graduate Research Assistantship Supervisor - three Ph.D. students; School of Geography and Development

Co-Mentor (with University of Washington faculty) - postdoctoral scholar at Climate Impacts Group

Graduate Fellowship Mentor - Southwest Climate Adaptation Science Center; 2020 - present

Grants and Contracts

Title	Role	Co-Is	Source	Amount	Dates
Collaborative Research: Research Infrastructure: USA National Phenology Network 2.: Reimagining How We Experience the Signs of the Seasons.	Senior Personnel	PI - Theresa Crimmins, University of Arizona	National Science Foundation	\$1,217,623	pending
Integrating Societal Impacts Assessment into JFSP/FSEN Strategic Planning	PI	Co-I – Gigi Owen, University of Arizona	Joint Fire Science Program	\$2,303	2023
Cultivating Equitable Responses to Increased Aridity in the US Southwest: The Climate Assessment for the Southwest (CLIMAS)	Co-I	PI – Daniel Ferguson, University of Arizona	National Oceanic and Atmospheric Administration	\$5,997,673	2022 - 2027
Enhancing UArizona’s Impact on the World Around Us	Co-I	Jennifer Fields, University of Arizona	UArizona Provost’s Investment Fund	\$189,000	2022 - 2024
Improving Agricultural Water Use and Nutrient Management to Sustain Food and Energy Crops Production in the Corn Belt	Senior personnel/external evaluator	PI – Xin-Zhong Liang, University of Maryland	UDSA/University of Maryland	\$10,000,000	2020 - 2025

Title	Role	Co-Is	Source	Amount	Dates
Southwest Climate Adaptation Science Center – Cycle Two	Co-I	PI - Gregg Garfin, University of Arizona	Department of the Interior National Climate Adaptation Science Center	\$4,500,000	2018 - 2023
Re-Envisioning Research Impacts: New Tools to Demonstrate Societal Impacts	PI		University of Michigan School of Environment and Sustainability	\$12,500	2017 - 2018
Northwest Climate Adaptation Science Center Core	Senior personnel	PI – Amy Snover, University of Washington	Department of the Interior National Climate Adaptation Science Center	\$3,500,000	2017 - 2022
Collaboratively Assessing Critical Social-Ecological System Buffers to Help Build Regional Climate Resilience: The Climate Assessment for the Southwest	Co-I	PI – Daniel Ferguson, University of Arizona	NOAA Climate Program Office	\$3,464,000	2017 - 2022
Evaluation for Learning and Innovation in Actionable Science for Climate Adaptation	PI	Co-I – Tamara Wall, Desert Research Institute	Southwest Climate Adaptation Science Center	\$99,860	2017 - 2019
NOAA Western Region Climate Services Landscape Survey and Database Development	Co-I	PI - Elizabeth McNie, University of Colorado Boulder	NOAA Western Region Climate Services Director's Office	\$64,000	2015 - 2017
Testing the Effectiveness of Collaborative Climate and Drought Research Through Structured Stakeholder Collaboration	PI		Department of the Interior – National Climate Change and Wildlife Science Center Research Grant	\$245,000	2016 - 2020

Title	Role	Co-Is	Source	Amount	Dates
Evaluating the impact of climate science produced in the Northwest Climate Science Center on resource management agency decisions	PI	Co-I - Tamara Wall, Desert Research Institute	Department of the Interior – Northwest Climate Science Center Research Grant	\$176,000	2016 - 2018
Evaluating the impact of stakeholder engagement on the use of climate science in drought-related decision making	PI	Co-I - Tamara Wall, Desert Research Institute	Department of the Interior – Southwest Climate Science Center	\$164,000	2015 - 2018
Tribal Climate Profiles	PI	Co-Is - Daniel Ferguson, Michael Crimmins, Jeremy Weiss, and Katharine Jacobs University of Arizona	Haury Program in Environment and Social Justice	\$65,000	2015 - 2016
Tohono O’odham Nation Climate Change Adaptation Planning Process	PI		Contract: Tohono O’odham Nation Department of Water Resources	\$207,000	2014 - 2017
An ethnography of the Regional Integrated Sciences and Assessments Program	PI		NOAA Climate Program Office	\$50,000	2014 - 2016
Evaluating the impact of climate science produced in the Southwest Climate Science Center on resource management agency decisions	PI	Co-I - Tamara Wall, Desert Research Institute	Department of the Interior - Southwest Climate Science Center	\$456,668	2013 - 2018
Climate and Weather Services for Disaster Management	Co-I	PI – Michael Crimmins, University of Arizona	NOAA Climate Program Office	\$166,000	2013 - 2015

Title	Role	Co-Is	Source	Amount	Dates
Climate Change and Cultural Resource Program Planning	PI		National Park Service	\$50,000	2012 - 2014