

## **Alison M. Meadow, Ph.D.**

Associate Research Professor  
University of Arizona

Office of Research and Partnerships - Societal Impact

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## **Professional Preparation**

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

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

## 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)

## Service

### University of Arizona Internal

Member, **RII/ORP Faculty Advisory Committee** (August 2022 – December 2024)

Member, **Arizona Science & Technology Policy Fellowship Program Advisory Group** (January 2024 – December 2024)

Member, **Natural Resource Users Law and Policy Center Executive Director Search Committee** (July 2024 – October 2024)

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

### External

Participant, **IMPACT Journal Launch Workshop** (American University, Sage Journals, and The Pew Charitable Trusts) (May 29 – 30, 2025)

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 6<sup>th</sup> Edition.

**Outreach (in rank)**

National

Meadow, Alison M., Aparna Bamzai-Dodson, Maeghan Brass, Charlotte Hudson, and Molly Hunter.

**Invited panel.** *Reviewing and Evaluating Transdisciplinary and Engaged Research Projects: Perspectives from Funding Programs.* USDA National Agricultural Library [Transdisciplinary Approaches Webinar Series](#). December 2024.

Meadow, Alison M. **Invited Speaker.** *Evaluating Climate Services.* National Academies of Science, Engineering, and Medicine: 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.

#### 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.

#### **Publications**

\* work done as graduate student

° graduate student advisee or mentee

#### Refereed Journal Articles

1. Cvitanovic, C., D. B. Karcher, N. Badullovich, J. Breen, P. Cairney, R. Dalla Pozza, J. Duggan, S. Hoffmann, R. Kelly, **A. M. Meadow**, and S. M. Posner. 2025. Knowledge brokers at the interface of environmental science and policy: a review of knowledge and research needs. *Environmental Science and Policy.* 163. <https://doi.org/10.1016/j.envsci.2024.103973>
2. °Scamardo, J., °W. Munger, °K. Loria, B. °Nauman, °J. Wang, °S. Leopold, °A. Heggli, N. Huntly, M. Baker, and **A. M. Meadow**. 2025. Trends in the Outcomes, Practice, and Law of Low-Tech Process-Based Restoration in Western Rangelands. *Rangeland Ecology & Management* **98**:344-356. <https://doi.org/10.1016/j.rama.2024.08.032>
3. °Martinez, Deniss J., **Alison M. Meadow**, Elizabeth Rose Middleton, and Julie Maldonado. 2024. Climate Justice and Climate Adaptation in the US Southwest: Indigenous Community Climate Adaptation Leadership and Opportunities for Scientific Collaboration. *Weather, Climate and Society.* <https://doi.org/10.1175/WCAS-D-23-0112.1>

4. Meadow, Alison M., Gigi Owen, <sup>°</sup>Nupur Joshi, and <sup>°</sup>Elise Lodge Otto. 2024. Combining Impact Goal and Impact Descriptor Frameworks to Elucidate the Societal Impacts of Research: A Pilot Study. *Research For All*. <https://doi.org/10.14324/RFA.08.1.03>
5. 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>
6. Jagannathan, K., Emmanuel, G., Arnott, J., Mach, K. J., Bamzai-Dodson, A., Goodrich, K. A., Myer, R., Neff, M., Sjostrom, 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>
7. 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>
8. <sup>°</sup>Murveit, Anna M., <sup>°</sup>Sonia Delphin, <sup>°</sup>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>
9. 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>
10. 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>
11. 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>
12. <sup>°</sup>Rozance, Mary Ann, Meade Crosby, **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)

13. Mach, Katharine J., Maria Carmen Lemos, **Alison M. Meadow**, Carina Wyborn, Nicole Klenk, James C. Arnott, Nicole M. Ardoine, 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>
14. 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>
15. 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)
16. 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 Spierenburg, 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)
17. 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>
18. Lemos, Maria Carmen, James C Arnott, Nicole M Ardoine, 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>
19. °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>
20. 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)
21. 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>
22. 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>

23. 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>
24. Ferguson, Daniel B., Anna Masayesva, **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>
25. 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>
26. 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-14-0050.1>
27. 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>
28. 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>
29. Meadow, Alison M. 2013. \*Alternative Food Systems at Ground Level: The Fairbanks Community Garden. *Journal of Ecological Anthropology* 16 (1):76-84. <http://dx.doi.org/10.5038/2162-4593.16.1.6>
30. 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>
31. Meadow, Alison, Chanda Meek, and Shannon McNeely. 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). <https://www.alaskaanthropology.org/wp-content/uploads/2015/11/AJA-v71-optimized.pdf#page=61>

### Edited Book Chapter

1. Meadow, Alison M., Hailey Wilmer, and Daniel B. Ferguson. 2025. Expanding research ethics for inclusive and transdisciplinary research. In *The Field Guide to Mixing Social and Biophysical Methods in Environmental Research*, edited by R. Lave and S. N. Lane. Cambridge UK: Open Book Publishing. <https://doi.org/10.11647/OPB.0418.05>.

### Other Peer-Reviewed Publications

1. 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>
2. 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. [https://www.nps.gov/subjects/climatechange/upload/NPS-2016\\_Cultural-Resources-Climate-Change-Strategy.pdf](https://www.nps.gov/subjects/climatechange/upload/NPS-2016_Cultural-Resources-Climate-Change-Strategy.pdf)

### **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. Meadow, Alison M. 2017. *Defining RISA: Observations from Twenty Years of NOAA's Regional Integrated Sciences and Assessments Program*. Tucson: CLIMAS. [https://www.climas.arizona.edu/sites/default/files/migrated\\_media/pdfmeadow2017risahistory\\_5.pdf](https://www.climas.arizona.edu/sites/default/files/migrated_media/pdfmeadow2017risahistory_5.pdf)
10. Meadow, Alison. 2012. \*Supermarkets in Fairbanks. *Agroborealis* 41 (1):9 - 11.
11. Paragi, T, S Craig Gerlach, and **A. Meadow**. 2010. \*Security of red meat supply in Alaska. *Agroborealis* 41 (1):36-37.

## Other Publications and Reports

12. Meadow, Alison M. 2024. *BIO5 Societal Impacts: Contributions to UArizona and Beyond*.
13. Meadow, Alison M. and Gigi Owen. 2023. *Integrating Societal Impacts into Strategic Planning: Recommendations for the Joint Fire Science Program Fire Science Exchange Network*.
14. Meadow, Alison M. 2023. *Northwest Climate Adaptation Science Center 2018 - 2023 Science Agenda Evaluation: Uses of NW CASC-funded research by resource management agencies*.
15. 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. <https://climas.arizona.edu/research-themes/climate-services/community-climate-profiles>
16. 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*.
17. 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://climas.arizona.edu/research-themes/climate-services/community-climate-profiles>

18. 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.  
<https://climas.arizona.edu/research-themes/climate-services/community-climate-profiles>
19. 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/>
20. 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. <https://climas.arizona.edu/research-themes/climate-services/community-climate-profiles>
21. 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.  
<https://climas.arizona.edu/research-themes/climate-services/community-climate-profiles>
22. 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.  
<https://climas.arizona.edu/research-themes/climate-services/community-climate-profiles>
23. 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.  
<https://climas.arizona.edu/research-themes/climate-services/community-climate-profiles>
24. 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.
25. 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.
26. 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.
27. 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*.
28. 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.

29. 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.
30. 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.
31. Meadow, Alison M., Daniel B. Ferguson, and Michael Crimmins. 2013. Helping a Community Develop a Drought Impacts Reporting System. *Rural Connections* 7 (15-18).

## Works in Progress

1. Bailey, Kinzie, Jia Hu, **Alison M. Meadow**, Stephanie McAfee, A. Gershunov, C. A. Enquist, Daniel R. Cayan, B.R. Middleton Manning, Elizabeth Fard, G. MacDonald, G. Garfin, Michelle Baker, N. Huntly, and Rich F. Ambrose. in revision. Creating usable science: a Southwest Climate Adaptation Science Center study. *Earth Stewardship*.
2. Cvitanovic, Christopher, Stefan Partelow, Nicole Klenk, Mark Reed, Denis B. Karcher, Paul Cairney, Steven J Cooke, **Alison M. Meadow**, Mark Howden, Nathan J. Bennett, Joe Duggan, Anna-Katharina Hornidge, and Irina Rafliana. in revision. Strengthening the use of knowledge in policy and practice through evidence-informed sustainability. *One Earth*.

## Scholarly Presentations (in rank)

1. Meadow, Alison M, Jennifer Fields, and Gigi Owen. *Toolkit for Research with Impact (TRI): A Resource to Support Planning and Assessing the Societal Impacts of Research*. Advancing Research Impacts in Society Summit. San Juan, PR; April 2025.
2. Meadow, Alison M. and James Arnott. Harnessing the Power of Networks, Evidence, and Practical Experience to Support and Sustain Institutional Transformation. Transforming Evidence Network Conference. Cape Town, SA; November 2024. **Invited**.
3. Meadow, Alison M. Engaged Research and Societal Impact: Linking Research and Evaluation to Improve Practice and Outcomes. Societal for Freshwater Science Annual Meeting. Philadelphia, PA; June 2024. <https://www.youtube.com/watch?v=FCuKiC8NL-U>. **Invited Keynote Speaker**.
4. 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. **Invited**.
5. 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**.

6. 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**.
7. 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.
8. Meadow, Alison. M. and Ladd Keith. *Mitigating the Urban Heat Island*. Annual Desert Horticulture Conference. (online due to pandemic); May 2020.
9. 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.
10. Meadow, Alison. *Evaluating the Production and Impact of Actionable Knowledge*. National Council on Science and the Environment Annual Conference. Washington, DC; January 2020.

### Grants and Contracts – Funded (in rank)

Breakdown by total award and UA portion, when information was available

Period	Title	Role	Co-I(s)	Funding	
2024-25	FY25 Transdisciplinary professional development program	PI		Funder	TRIF-WEES
				Credit	100%
				Total	\$47,158
				UA	\$47,158
				Total	
2024-25	Societal Impacts Guidebook for Conservation Practitioners	PI	Gigi Owen – UA	Funder	The Nature Conservancy
				Total	\$147,254
				Credit	100%
				UA	\$147,254
				Total	
2024-25	SW IFL Supplement	Co-I	PI – Ladd Keith (UA)	Funder	Department of Energy
				Credit	5%
				Total	\$231,014
				UA	\$164,245
				Total	
2024-26	Creating a Community-Based Framework to Assess Adaptation Effectiveness in the U.S. Southwest	Co-I	PI – Gigi Owen (UA)	Funder	National Oceanic and Atmospheric Administration
				Credit	22%
				Total	\$299,678
				UA	\$299,678
				Total	
2024-28	Collaborative Research: Research Infrastructure:	Senior Personnel	PI – Theresa Crimmins (UA)	Funder	National Science Foundation
				Credit	10%

Period	Title	Role	Co-I(s)	Funding	
	USA National Phenology Network 2.: Reimagining How We Experience the Signs of the Seasons.			Total	\$1,217,623
				UA Total	
2023	Integrating Societal Impacts Assessment into JFSP/FSEN Strategic Planning	PI	Gigi Owen (UA)	Funder	Joint Fire Science Program
				Credit	50%
				Total	\$2,303
				UA Total	\$2,303
2022-27	Cultivating Equitable Responses to Increased Aridity in the US Southwest: The Climate Assessment for the Southwest (CLIMAS)	Co-I	PI – Daniel Ferguson (UA)	Funder	National Oceanic and Atmospheric Administration
				Credit	20%
				Total	\$5,997,673
				UA Total	\$5,997,673
2022-24	Enhancing UArizona's Impact on the World Around Us	Co-I	PI – Jennifer Fields (UA)	Funder	Provost's Investment Fund
				Credit	50%
				Total	\$189,000
				UA Total	\$189,000
2020-25	Improving Agricultural Water Use and Nutrient Management to Sustain Food and Energy Crops Production in the Corn Belt	Senior Personnel	Prime PI – Xin-Zhong Liang, University of Maryland	Funder	US Department of Agriculture/University of Maryland
				Credit	100%
				Total	\$10,000,000
				UA Total	\$83,871
2018-2024	Southwest Climate Adaptation Science Center	Co-I	PI – Gregg Garfin (UA)	Funder	US Geological Survey
				Credit	25%
				Total Award	\$5,355,376
				UA Total	\$5,355,376
2017-22	Supporting the Production of Actionable Science	PI	Prime PI – Amy Snover (University of Washington)	Funder	US Geological Survey/University of Washington
				Credit	100%

Period	Title	Role	Co-I(s)	Funding	
	Through Research Training			Total Award	\$3,500,000
				UA Total	\$107,045
2017-22	Collaboratively Assessing Critical Social-Ecological System Buffers to Help Build Regional Climate Resilience: The Climate Assessment for the Southwest	Co-I	PI – Daniel Ferguson (UA)	Funder	National Oceanic and Atmospheric Administration
				Credit	6%
				Total Award	\$3,727,990
				UA Total	\$3,727,990

### Grants and Contracts – Pending (in rank)

Title	Role	Co-Is	Source	Total Award	UA Total	Dates
NSF R2I2: Borderlands Climate Resilience Incubator: Co-developing solutions for thriving communities in a hotter, drier world	Senior Personnel	PI – Sharon Collinge (UA)	National Science Foundation	\$499,993	\$499,993	2025

### Grants and Contracts – Not Funded (in rank)

Title	Role	Co-Is	Source	Total Award	UA Total	Dates
Center for Arid Landscape Resilience (CALR)	Senior Personnel	PI – Jon Chorover	National Science Foundation	\$29,997,673		2022
RWJF Rural Strategy Assessment	Co-I	PI – Michele Walsh (UA)	Robert Wood Johnson Foundation	\$500,000	\$500,000	2020
Center for Ecoengineering of Life in Arid Landscapes (CELAL)	Senior Personnel	PI – Jon Chorover (UA)	National Science Foundation	\$24,982,910		2020