

CURRICULUM VITAE

Alison M. Meadow
Associate Research Professor
University of Arizona
meadow@arizona.edu

Education

- 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
Advisor: S. Craig Gerlach
- M.A. American Indian Studies** 1999
University of Arizona
Thesis: The Legislation of Identity
Advisor: Robert A. Williams, Jr.
- B.A. (Hons.) Native Studies and Anthropology** 1996
Trent University

Professional Employment

- Associate Research Professor current
Arizona Institutes for Resilience – University of Arizona
- Associate Research Scientist 2017 – 2020
Institute of the Environment – University of Arizona
- Adjunct Assistant Research Scientist 2015 - present
School of Natural Resources and the Environment – University of Arizona
- Staff Scientist 2014 - 2017
Center for Climate Adaptation Science and Solutions – University of Arizona
- Program Manager 2012 - 2014
Southwest Climate Science Center – University of Arizona
- Assistant Research Scientist 2010 - 2013
University of Arizona: Department of Soil, Water and Environmental Science

Project Manager and Grant Writer University of Arizona: Institute of the Environment	2007
Program Evaluator Meadow Consulting	2002 - 2003
Professional Research Assistant University of Colorado Health Sciences Center	2002 - 2003
Project Manager and Research Facilitator Fairbanks North Star Borough School District	1999 - 2002

Outreach

Local/State/Region

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.

National

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*. 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.

Service

UA Internal

- Human Subjects Research department and scientific reviewer for Institute of the Environment

External

- Member, City of Tucson Landscape Advisory Committee. October 2019 - current

Ad Hoc Peer Reviewer

- **Journals:** Arctic Science, Bulletin of the American Meteorological Society, Climate Policy, Climate Risk Management, Climatic Change, Conservation Letters, Ecology and Society, Environment Development and Sustainability, Environmental Policy and Governance, Journal of Environmental Management, Science of the Total Environment, Society and Natural Resources, Weather Climate and Society, WIRES Climate Change.
- **Book Publisher:** Island Press
- **Funding Proposal Review Panels:** Global Center for Food Systems Innovation, Joint Fire Sciences Program, NOAA Climate Program Office, Southeast Climate Adaptation Science Center

Refereed Journal Articles (*work done primarily as a graduate student)

1. 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.
2. 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.
3. 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*.
4. Norström, Albert V., Christopher Cvitanovic, Marie F. Löf, Simon West, Carina A. Wyborn, Patricia Balvanera, Angela T. Bednarek, Elena M. Bennett, Reinette Biggs, Ariane de Bremond, Bruce M. Campbell, Josep G. Canadell, Stephen R. Carpenter, Carl Folke, Elizabeth A. Fulton, Owen Gaffney, Stefan Gelcich, Jean-Baptiste Jouffray, Melissa Leach, Martin LeTissier, Berta Martín-López, Elena Louder, Marie-France Loutre, **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. in press. Principles for knowledge co-production in sustainability research. *Nature Sustainability*.
5. 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.

6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. Chief, Karletta, **Alison Meadow**, and Kyle Whyte. 2016. Engaging Southwestern Tribes in Sustainable Water Resources Topics and Management. *Water* 8 (8):350.
12. 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.
13. **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.
14. **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.
15. 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.
16. **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.

17. ***Meadow, Alison M.** 2013. Alternative Food Systems at Ground Level: The Fairbanks Community Garden. *Journal of Ecological Anthropology* 16 (1):76-84.
18. ***Meadow, Alison M.** 2012. Assessing access to local food system initiatives in Fairbanks, Alaska. *Journal of Agriculture, Food Systems, and Community Development* 2 (2).
19. ***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

1. Meadow, Alison M., Sarah LeRoy, Jeremy Weiss, and Ladd Keith. Climate Profile for The Verde Valley. in *CLIMAS Community Climate Profiles*. University of Arizona.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. 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.
9. 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.

10. Meadow, Alison M. 2017. Defining RISA: Observations from Twenty Years of NOAA's Regional Integrated Sciences and Assessments Program. Tucson: CLIMAS.
11. Ferguson, D.B., M.A. Crimmins, A. Masayeva, **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.
12. 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.
13. 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.
14. 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.
15. Meadow, Alison M., Daniel B. Ferguson, and Michael Crimmins. 2013. Helping a Community Develop a Drought Impacts Reporting System. *Rural Connections* 7 (15-18).
16. *Meadow, Alison. 2012. Supermarkets in Fairbanks. *Agroborealis* 41 (1):9 - 11.
17. *Paragi, T, S Craig Gerlach, and **A. Meadow**. 2010. Security of red meat supply in Alaska. *Agroborealis* 41 (1):36-37.

Other Scholarly Output

1. Meadow, Alison M. and Gigi Owen. Identifying and Reporting the Societal Impacts of Your Research. <https://youtu.be/jtSj8VmVpUA>
2. 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/>
3. 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/>
4. 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/](#)

5. 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/>
6. 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/>

Scholarly Presentations (last 5 years)

1. Meadow, Alison M. and Ladd Keith. *Mitigating the Urban Heat Island*. Annual Desert Horticulture Conference. Online (due to pandemic); May 2020.
2. Fields, Jennifer, Michelle Higgins, **Alison M. Meadow**, and Gigi Owen. Demonstrating Impact: Scaling from Project Evaluation to Collective Impact. Advancing Research Impacts in Society Summit. Online (due to pandemic); April 2020.
3. Hunter, Molly and **Alison M. Meadow**. *Fire Science Co-Production: A Roundtable Discussion on Best Practices and Lessons Learned from Multiple Disciplines*. International Fire Ecology and Management Congress. Tucson; November 2019.
4. **Meadow, Alison M.** *Linking Process and Impacts in the Evaluation of Collaborative Research*. National Alliance for Broader Impacts Summit. Tucson; April 2019.
5. **Meadow, Alison M.** *Making Climate Science that Makes a Difference*. Invited Address. National Climate Science Centers Student and Early Career Training. Amherst; November 2016.
6. McMahon, G; **Alison M. Meadow**, and J. Mikels-Carrasco. *Actionable Science Lessons Emerging from the Department of Interior Climate Science Center Network*. American Geophysical Union Annual Meeting. San Francisco; December 2015.
7. **Meadow, Alison M.** *Evaluating the process and impacts of co-produced climate science*. Southwest Climate Summit. Sacramento; November 2015
8. **Meadow, Alison M.** *Evaluating Co-Producing Climate Science Research*. American Meteorological Association Meeting. Phoenix, AZ January 2015