

Minwoo Ahn

University of Arizona
Heat Resilience Initiative
Climate Assessment for the Southwest
School of Landscape Architecture and Planning
943 N Tyndall Ave, Tucson, AZ 85719 (Udall Center Annex)

minwooahn@arizona.edu
www.minwooahn.com
520-358-5025
updated: 18 Nov 2025

Academic Appointments

University of Arizona
Climate Assessment for the Southwest
School of Landscape Architecture and Planning

Postdoctoral Researcher
2024 Aug – current
PI: Dr. Ladd Keith

Arizona State University
Center for Behavior, Institutions, and the Environment
School of Complex Adaptive Systems

Postdoctoral Researcher
2023 Jan – 2024 Jul
PI: Dr. Marco Janssen

Education

University of Arizona

Ph.D. Government and Public Policy, 2023
Advisors: Dr. Kirk Emerson, Dr. Elizabeth Baldwin
Fields: Public Policy and Management, Methods

Yonsei University

M.A. Public Administration, 2016

Yonsei University

B.A. Public Administration, Minor in Economics, 2014

Research Interests

I am an environmental policy scholar, and my overarching research question is: “How can communities and stakeholders address collective action problems in environmental and climate issues?” I am practically and theoretically interested in how contextual factors (social-ecological and institutional environments) shape collaboration processes and, in turn, social and environmental outcomes, including effectiveness, equity, and sustainability. I apply and test my theories across multiple environmental fields, including water governance, climate adaptation and heat governance in urban and rural areas, energy policy, and common-pool resource management.

Publications

10. **Ahn Minwoo** and McLaughlin Danielle. Examining the public’s water policy tool preferences: The role of blame attribution. Acceptance with minor revision at *Environmental Management*

9. Boyer Anne-lise, **Ahn Minwoo**, Keith Ladd, Brown Heidi. Striving for Rural Heat Resilience: A Systematic Literature Review. Acceptance with major revision at *Weather, Climate, and Society*.

8. Baldwin Elizabeth and **Ahn Minwoo**. 2025. Using strategic games to illustrate environmental policy concepts for undergraduates. *Journal of Political Science Education*, <https://doi.org/10.1080/15512169.2024.2394500>
7. **Ahn Minwoo**, Brown Heidi, Keith Ladd. 2025. Rural heat health disparities: Evidence from the U.S. National Emergency Medical Services Information System (NEMSIS). *Journal of Climate Change and Health*. <https://doi.org/10.1016/j.joclim.2025.100432>
6. Candice Carr Kelman, Jaishri Srinivasan, Tracie Lorenzo, **Minwoo Ahn**, Aireona Bonnie Raschke, Rebecca Kariuki, Elke Kellner, Michael Simeone, Rhoda NS Brown-Wood, Mike Schoon. 2024. Convergence research as transdisciplinary knowledge coproduction within cases of effective collaborative governance of social-ecological systems. *Ecology and Society*, <https://ecologyandsociety.org/vol29/iss4/art23/>
5. **Ahn Minwoo**, Balakrishna Raksha, Simeone Michael, Janssen Marco. 2024. When does group chat promote cooperation in shared resource governance? *Humanities and Social Science Communications*, <https://www.nature.com/articles/s41599-024-03992-5>
4. **Ahn Minwoo**, Baldwin Elizabeth, Girone Dylan. 2024. Caution as a Response to Scientific Uncertainty: A Groundwater Game Experiment. *International Journal of the Commons*, 18(1), 369-383. <https://thecommonsjournal.org/articles/10.5334/ijc.1347>
3. **Ahn Minwoo** and Baldwin Elizabeth. 2024. Who Benefits from Collaborative Governance? An empirical Study from the Energy Sector. *Public Management Review*, 26(1), 89-113. <https://doi.org/10.1080/14719037.2022.2044505>
2. Jeong Myungeun and **Ahn Minwoo**. 2016. Organizational Field, Institutional Logic, and Constructed Actor: The Institutionalization of Local Government Fund in South Korea, *Korean Policy Studies Review*(한국정책학회보), Vol. 25, No. 3, 37-74.(Korean) <https://www.dbpia.co.kr/journal/articleDetail?nodeId=NODE10774778>
1. Kim Mihyun, **Ahn Minwoo**, and Cho Namwook. 2015. Taking an Environmental Justice Perspective: Socioeconomic Minority's Public Park Accessibility in Seoul, *Korea Local Administration Review*(지방행정연구), Vol. 29, No. 2, 77-105. (Korean) <https://www.kci.go.kr/kciportal/ci/sereArticleSearch/ciSereArtiView.kci?sereArticleSearchBean.artiId=ART002006786>

Book Chapters

- Emerson Kirk and **Ahn Minwoo** 2021. "Collaborative Governance Regimes: Informing Practice through Research," Edited by Daniel P. Gitterman and Neil Britto, "The Intersector: How the Public, Nonprofit, and Private Sectors Can Address America's Challenges. *Brookings Institution Press*. DOI: 10.48558/bzf8-wv37 https://www.researchgate.net/publication/359971948_Collaborative_Governance_Regimes_Informing_Practice_through_Research
- **Ahn Minwoo** and Lee Jongsoo 2015. "Institutional Environment and Political Appointee: A Case Study of Unseated Prime Minister Candidate," Eun Guk Lee(Ed.), *Policy Case Studies: For the Improvement of Government Capacity and Quality of Government*", Chap. 10, pp. 231-249. *Yonsei University Press*, Seoul, South Korea. (Korean)

Blog Posts

1. **Ahn Minwoo**, Keith Ladd, Brown Heidi 2025. "Documenting rural heat health disparities in the U.S.", Global Heat Health Information Network, <https://ghhin.org/news/blog-documenting-rural-heat-health-disparities-in-the-u-s/>
 - a. Featured in Climate Program Office at NOAA and UN Office of for Disaster Risk Reduction <https://cpo.noaa.gov/the-southwest-climate-adaptation-partnerships-team-published-a-new-study-on-rural-heat-disparities-using-the-u-s-national-emergency-medical-services-information-system/>

<https://www.preventionweb.net/publication/rural-heat-health-disparities-evidence-us-national-emergency-medical-services>

1. Boyer Anne-lise, **Ahn Minwoo**, Keith Ladd 2025. “Expanding the Focus: Toward Heat Equity in Rural Area”. Just Rural Futures. <https://justruralfutures.substack.com/p/expanding-the-focus-toward-heat-equity>

Selected Professional Reports

Janssen Marco, **Ahn Minwoo**, Francesca Federico, Michelle Refuerzo, Karli Barrett, Danish Tung, Kyleigh Brown, Oak Creek Recreation Survey. Prepared for *ADEQ and ASU Project Cities*. Submitted Sep 2023.

<https://click.reply.asu.edu/?qs=bc3749d370add2b796edb73685a5976c1d1de129291416a01fd79d374a78847ca414e44d664310191723181644c56a97144180249aaf729c>

Selected Conference Presentations

PMRC 2019 2022 2024

IASC 2023, IASC North America workshop 2023, IASC 2025

APSA 2023, 2024

MPSA 2024

ASPA 2021

APPAM 2020 2025

Workshop on the Ostrom Workshop 2024

Duck Family Workshop 2022

Boyer AL, **Ahn M**, Keith L, Austhof E, Brown H. “How can county-level public managers address extreme heat?” 2025 Association for Public Policy Analysis and Management, Seattle. (Nov 2025)

Ahn M, Boyer AL, Keith L, Austhof E, Brown H, Meerow S. “Governing extreme heat: The rise of chief heat officers in local governments” 2025 Association for Public Policy Analysis and Management, Seattle. (Nov 2025)

Boyer AL, Roy M, **Ahn M**. “Heat Governance and Planning: Addressing Urban and Rural Challenges for Resilient Communities” 2024 Arizona Postdoctoral Conference, University of Arizona. (Sep 2024)

Ahn M. “Beneficial or harmful? Scientific Uncertainty and sustained cooperation in groundwater governance systems” 2024 American Political Science Association Conference, Philadelphia. (Sep 2024)

Ahn M, McLaughlin D. “Does blame attribution shape water governance choices? Evidence from Survey Experiment” 2024 Public Management Research Conference, University of Washington. (June 2024)

Ahn M, Aurora SR, Balakrishna R, Simeone M, Janssen M. “Navigating uncertainty in collective action: the role of emergent leadership and communication dynamics.”, Workshop on Ostrom Workshop, Indiana University. (June 2024)

Ahn M, McLaughlin D. “Does blame attribution shape water governance choices? Evidence from Survey Experiment” 2024 Midwest Political Science Association, Chicago. (Apr 2024)

Ahn M, Baldwin E, Girone D. “Caution as a Response to Scientific Uncertainty: A Groundwater Game Experiment,” 2023 American Political Science Association, L.A. (Sep 2023)

Ahn M, Baldwin E., Girone D. “Caution as a Response to Scientific Uncertainty: A Groundwater Game Experiment,” 2023 International Association for the Study of Commons, in University of Nairobi, Kenya (Remote participation) (June 2023)

Ahn M. Managing Collaborative Performance in the Face of Uncertainty: The Case of Upper San Pedro Watershed Partnership,” 2023 IASC workshop on Behavior, Institutions, and the Environment, in Arizona State University, Tempe (Mar 2023)

Ahn M. “The effects of Scientific Uncertainty on Collaborative Performance: A Groundwater Game Experiment,” 8th Annual Duck Family Workshop on Environmental Politics in University of Washington, Seattle (May 2022)

Ahn M. “Managing Uncertainty in Collaborative Governance: Conceptual Framework and Empirical Exploration” “Use of information in collaborative governance” at Public Management Research Conference (May 2022)

Ahn M. "Identifying Public Manager's Perceived Uncertainty on the Ground: Concept Building and Measurement Validation from San Pedro Watershed Case Study," "Paradoxes of inter-organizational collaboration: attitudinal, relational, and structural dimensions and features at the American Society of Public Administration (Apr 2021)

Ahn M, Baldwin, E. "Examining the Distributive Effects of Collaboration Governance: An Empirical Study from the Energy Sector," Association for Public Policy Analysis and Management (Nov 2020)

Invited Speaking Engagements

Academic

- | | |
|------|---|
| 2025 | Yonsei University’s Department of Global Public Administration |
| 2024 | Indiana University’s O’Neil School of Public and Environmental Affairs |
| 2022 | Arizona State University’s Center for Behavior, Institutions, and the Environment |

Community

- | | |
|------|--|
| 2025 | 3 rd Arizona Heat Summit table hosting <Rural and small town heat resilience> |
| 2025 | Inter Tribal Council of Arizona Environmental Managers Working Group Meeting |
| 2025 | Health Climate New Mexico’s 2025 Extreme Heat, Health, & Resiliency Summit Speaker |

Awards and Grants

- | | |
|------|--|
| 2025 | Postdoctoral research grant proposal at University of Arizona (not awarded) (w Dr. Roy)
Title: “Multi hazards simulation to plan for climate disasters” |
| 2023 | American Political Science Association travel grant |
| 2022 | <ul style="list-style-type: none">▪ Research grant by Graduate and Professional Student Council at University of Arizona
Title: The effects of scientific uncertainty on collaborative performance: A laboratory experiment▪ Faculty Challenge Grant for Increasing Access to Undergraduate Research by University of Arizona (w Dr. Baldwin)
Title: “groundwater harvesting game”▪ Summer Dissertation Fellowship awarded by the College of Social and Behavioral Sciences at University of Arizona
Title: “Managing uncertainty in collaborative governance” |

Trainings

Research

- | | |
|------|--|
| 2025 | <ul style="list-style-type: none">▪ Transdisciplinary Research Academy at AIR University of Arizona▪ Indigenous Dataset Fellows training at University of Arizona |
| 2021 | Roots for Resilience, training for open science and computational infrastructure led by Arizona Institutes for Resilience, CyVerse and Data Science Institute at University of Arizona |
| 2019 | Institute for Qualitative and Multi-Method Research workshop at Syracuse University |

Teaching and Mentoring

- | | |
|-----------|--------------------------------|
| 2025-2026 | CIRTL Postdoc Pathways Program |
|-----------|--------------------------------|

Teaching and mentoring activities

Environmental Policy (PA 481)

University of Arizona (co-teaching scheduled)
School of Government and Public Policy
Spring 2026

Mo's Policy Scholars mentor

University of Arizona
Udall Center for Studies in Public Policy
Fall 2025

Public Organizational Management (PA 470)

University of Arizona
Fall 2020, Spring 2021, Summer 2021, Fall 2021,
Fall 2022

Public Policy and Administration (PA/POL 206)

University of Arizona
Spring 2020, Summer 2020, Spring 2022

Service

Committee

2025 award committee for Postdoc as mentor award by Postdoctoral Affairs (University of Arizona)

2024 award committee for the Evan Ringquist Best Paper Award (APSA STEP)

Editorial Assistant (2017- 2019): Perspective on Public Management and Governance (PPMG) Journal
(Editor: Dr. Kirk Emerson)

Manuscript Referee (invited and/or reviewed)

Public Management Review, Public Administration Review, Journal of Public and Nonprofit Affairs, Perspectives on Public Management and Governance, Journal of Public Administration Research and Theory, International Journal of the Commons, Current Research in Environmental Sustainability, Humanities and Social Science Communications, Policy and Politics, Environmental Development, Urban Governance, Environmental Management

Professional Associations

Public Management Research Association

International Association for the Study of Commons

Association for Public Policy Analysis and Management

American Political Science Association

Midwest Political Science Association

References

Dr. Elizabeth Baldwin
School of Government and Public Policy
University of Arizona
elizabethb@arizona.edu

Dr. Kirk Emerson
School of Government and Public Policy
University of Arizona
kemerson@arizona.edu

Dr. Heidi Brown
Department of Epidemiology and Biostatistics
Mel & Enid Zuckerman College of Public Health
University of Arizona
heidibrown@arizona.edu

Dr. Ladd Keith
School of Landscape Architecture and Planning
University of Arizona
ladd@arizona.edu

Dr. Marco Janssen
School of Sustainability
Arizona State University
Marco.Janssen@asu.edu