

# Minwoo Ahn

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## Academic Appointments

University of Arizona Climate Assessment for the Southwest School of Landscape Architecture and Planning	Postdoctoral Researcher 2024 Aug – current PI: Ladd Keith
Arizona State University Center for Behavior, Institutions, and the Environment School of Complex Adaptive Systems	Postdoctoral Researcher 2023 Jan – 2024 Jul PI: Marco Janssen

## Education

University of Arizona	Ph.D. Government and Public Policy, 2023 <b>Dissertation Chair:</b> Kirk Emerson and Elizabeth Baldwin <b>Dissertation Title:</b> “Managing Uncertainty in Collaborative Governance”
Yonsei University	M.A. Public Administration, 2016 <b>Dissertation Chair:</b> Lee Jong Soo <b>Dissertation Title:</b> “Local governance power structure and community organization: An exploratory theorization of symbolic participation”
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. Forthcoming at *Weather, Climate, and Society*  
<https://doi.org/10.1175/WCAS-D-25-0047.1>
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](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, 2026 (scheduled)

APPAM 2020 2025

Workshop on the Ostrom Workshop 2024

Duck Family Workshop 2022

Boyer AL, **Ahn M**, Keith L, Austhof E. Brown H. “Building Rural Heat Resilience in the U.S. Southwest: Governance gaps and emerging responses” 2026 American Society for Public Administration, Hollywood, CA (Mar 2026)

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,” 8<sup>th</sup> 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

- 2026 University of Arizona’s Doctoral Seminar in Epidemiology (Scheduled; Feb 2026)
- 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<sup>rd</sup> 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

\*Travel and training grants excluded

“Reconfiguring Nature-Based Solutions for vulnerable communities: Collaborative approaches to mitigate mal-adaptation and adverse heat-health impacts in the city of Tucson (Work in progress)

Funding institution and program: Burroughs Welcome Fund, Climate Change and Human Health Seed Grant

Collaborators: Ladd Keith (University of Arizona) and Heidi Brown (University of Arizona)

“Multi hazards simulation to plan for climate disasters” (award denied)

Funding institution and program: University of Arizona’s Postdoctoral research grant proposal

Collaborators: Roy Malini (UT San Antonio)

“The effects of scientific uncertainty on collaborative performance: A laboratory experiment”

Funding institution and program: University of Arizona, Graduate and Professional Student Council, Research Grant  
Award Value: \$1,500  
Award Period: September 2022-Dec 2022

“Managing uncertainty in collaborative governance”

Funding institution and program: University of Arizona, College of Social and Behavioral Sciences, Dissertation Fellowship  
Award value: \$7000  
Award period: May 2022 – Aug 2022

## Trainings

### Research

- 2025
  - 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
- 2024 Mentor Institute online training at University of Arizona

## Teaching and mentoring activities

Environmental Policy (PA 481)	University of Arizona 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, Climate Policy, Public Performance and Management Review*

## 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

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