

Marisa Manheim

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EDUCATION

Ph.D., Sustainability, Arizona State University (2024)
M.S., Human-Computer Interaction, Carnegie Mellon University Aug. 2003
B.S., Psychology & Communication Design, Carnegie Mellon University May 2002

RESEARCH INTERESTS

Infrastructures, transformation, food energy water nexus, adaptive management, sociotechnical transitions, transition management, embodiment, knowledge pluralism

PROFESSIONAL APPOINTMENTS

Graduate Student Assistant, Dr. Dave White Aug. 2021 – present
School of Sustainability, Arizona State University

Graduate Research Assistant, Dr. Christy Spackman Aug. 2019 – Aug. 2021
School for the Future of Innovation in Society

Fellow, Urban Resilience to Climate Extremes SRN Aug. 2018 – May 2019
Arizona State University

Director of Community Projects & Policy, Grow Pittsburgh 2014 – 2018
Pittsburgh, PA

Community Garden Coordinator, Grow Pittsburgh 2010 – 2014
Pittsburgh, PA

PROFESSIONAL SERVICE

Chair, Urban Agriculture Special Committee. (2017 – 2018). Institute of Politics, University of Pittsburgh, Pittsburgh, PA.

Member, Urban Agriculture Working Group. (2016 – 2018). Pennsylvania Department of Agriculture, Harrisburg, PA.

Co-Chair, Urban Agriculture Working Group. (2015 – 2018). Pittsburgh Food Policy Council, Pittsburgh, PA.

PA Representative, Seed Library Working Group. (2015-2016). American Association of Seed Control Officials.

Member, Adopt-A-Lot Community Committee. (2015-2016). City of Pittsburgh, Pittsburgh, PA.

Member, Urban Agriculture Zoning Committee. (2014-2015). City of Pittsburgh, Pittsburgh, PA.

GRANTS & FUNDING

WateReuse Arizona 2022 Scholarship, Arizona Chapter of the WateReuse Association. \$2,500. July 2022.

Babbitt Center Dissertation Fellowship, Babbitt Center for Land and Water Policy at Lincoln Institute. \$10,000. May 2022.

Decision, Risk and Management Sciences Doctoral Dissertation Improvement Grant, National Science Foundation. \$26,473. June 2022.

“Approaching the debate over water recycling through embodied co-production,” ASU Experimental Humanities Collaborative Network. \$1,400. September 2021.

Individual Travel Grant, Graduate and Professional Student Association (GPSA). \$950. April 2022.

Conference Scholarship, International Association for Society and Natural Resources (IASNR). \$400. April 2022.

“Hydrologic: Making embodied knowledge actionable in water policy,” Changemaker Challenge Civic Engagement Grant. \$1350. February 2022.

Individual Travel Grant, Graduate and Professional Student Association (GPSA). \$902. December 2021.

“Water tasting at Canal Convergence,” ASU Experimental Humanities Collaborative Network. \$1,000. September 2021.

“Exploring the Embodied Anticipatory Governance of Drinking Water,” Morrison Neely Charitable Foundation Food and Agriculture Sustainability Research Grant. \$3,778. May 2021.

“Embodied rationality: A methodology to co-produce embodied knowledge for drinking water governance using responsive environments,” ASU Earth System Science for the Anthropocene (ESSA) Summer Grad Grant. \$11,000. May 2021.

Individual Travel Grant, Graduate and Professional Student Association (GPSA). \$200. June 2020.

Conference Fee Waiver Scholarship, Society for the Social Study of Science (4S). \$50. June 2020.

“The Influence of Expanding Urban Agriculture in South Phoenix on Resource Use,” Urban Resilience to Extremes Sustainability Research Network (UREx SRN) Summer Research Grant. \$5,833. May 2019.

PUBLICATIONS

Academic Journals

Manheim, Marisa and Christy Spackman. (2022). Embodied rationality: a framework of human action in water infrastructure governance. *Current Opinion in Environmental Sustainability*.
<https://doi.org/10.1016/j.cosust.2022.101170>

Eakin, Hallie, Jagadish Parajuli, Yamini Yogya, Bertha Hernández and **Marisa Manheim**. (2021). Entry points for addressing justice and politics in urban flood adaptation decision making. *Current Opinion in Environmental Sustainability*. <https://doi.org/10.1016/j.cosust.2021.01.001>

Whitepapers

Eaton, W. M., Robertson, T., ... **Manheim, M.**, ... Worosz, M. (2022). *Advancing scholarship and practice of stakeholder engagement in working landscapes: 34 co-produced research opportunities*.
<https://doi.org/doi:10.26207/b8rt-5q47>

Manheim, Marisa, Jonathan Burgess, and Jennifer England. (2017). “Written Testimony for the PA DEP Environmental Justice Listening Tour,” Submitted to: PA Dept. of Environmental Protection, *Pittsburgh Food Policy Council*.

Van Es, Marlene, and **Marisa Manheim**. (2017). “Submission of Public Comment to Pittsburgh Land Bank Board,” Submitted to: Pittsburgh Land Bank Board of Directors, *Pittsburgh Food Policy Council*.

Manheim, Marisa and Rachel Forlifer. (2016). “An Urban Growers Guide: Selling the Food You Grow in Pittsburgh,” *web publication*.

Manheim, Marisa, and Jackson Clark Partners. (2014). “Making it Easier to Grow Food in Our City: Strategic Priorities for Urban Agriculture Policy in Pittsburgh,” *Grow Pittsburgh*, Pittsburgh, PA..

Reports

Manheim, Marisa. (2016). "Oasis Foods Farm & Fishery: A Feasibility Study," completed for: *Bible Center Church*, Pittsburgh, PA.

Manheim, Marisa. (2014). "The Hilltop Urban Farm: A Feasibility Study of Repurposing the Former St. Clair Village Public Housing Site for Farming," completed for: *Hilltop Alliance*, Pittsburgh, PA.

CONFERENCE PRESENTATIONS

Manheim, Marisa. (2021, November 5). "Hydrologic: inviting everyday expertise into water policy." [Conference presentation]. *ESSA Annual Symposium*, online.

Manheim, Marisa and Christy Spackman. (2021, October 6-9). "Tastings as performance in the anticipatory governance of potable wastewater reuse." [Conference presentation]. *Annual meeting of the Society for the Social Studies of Science (4S)*, online.

Manheim, Marisa and Christy Spackman. (2021, September 6-8). "Hydrologic: the embodied foundations of drinking water decision-making." [Conference presentation]. *Delft International Conference on Sociohydrology*, online.

Manheim, Marisa and Christy Spackman. (2020, August 18-21). "Hydrologic: the embodied rationality of hesitancy towards recycled wastewater beer." [Conference presentation]. *4S + EASST conference*, online.

Manheim, Marisa and Christy Spackman. (2019, November 16-17). "Is the 'yuck' response to turning #WasteWater into #DrinkingWater just a matter of #taste? How AZ utilities are building support for water reuse through #beer, and what these tastings may be leaving out." [Twitter thread]. *Discard Studies Twitter Conference*.

Manheim, Marisa and Jon Burgess. (April 2017). "Urban Agriculture in Southwest PA Municipalities." [Conference presentation]. *Allegheny County League of Municipalities conference*, Seven Springs, PA.

Cahn, Amy Laura and Marisa Manheim. (February 2015), "Legal Land Access for Urban Agriculture." [Conference presentation]. *PA Association of Sustainable Agriculture conference*, State College, PA.

Manheim, Marisa and Rayden Sorock. (August 2014). "Assessing the Long-Term Sustainability of Community Gardens." [Conference presentation]. *American Community Gardening Association Conference*, Chicago, IL.

INVITED TALKS

Manheim, Marisa. (December 2020). "A community land trust for urban agriculture land preservation in Pittsburgh, PA." *Arizona Community Land Trust*, online.

Manheim, Marisa. (September 2019). "Adaptation strategies in South Phoenix urban agriculture." *Food for Thought Seminar Series*, Arizona State University, Tempe, AZ.

Manheim, Marisa. (August 2017). "Urban Agriculture to Revitalize Communities." *Sustainable Pittsburgh's Local Government Academy*, online.

Manheim, Marisa and Rayden Sorock. (March 2017). "The Nuts and Bolts of Community Gardening." *Blair County Urban Agriculture Summit*, Altoona, PA.

Manheim, Marisa and Maria Bowman. (October 2015). "Increasing Health Through Gardening." *City of Pittsburgh in-service*, Pittsburgh, PA.

Manheim, Marisa and Maria Bowman. (March 2015). "Increasing Health Through Gardening." *University of Pittsburgh Medical Center in-service*, Pittsburgh, PA.

Manheim, Marisa. (May 2014). "Farm to Community: Community Gardening." *Women for A Healthy Environment conference*, Green Tree, PA.

Manheim, Marisa. (December 2013). “A Snapshot of Urban Agriculture in Pittsburgh.” *Urban Agriculture Symposium*, Pittsburgh, PA.

INVITED WORKSHOPS

“Advancing Scholarship and Practice of Stakeholder Engagement in Working Landscapes.” (October 2020 – November 2021). Penn State University & online.

“Virtual Sensing.” (2021, January 22 – 25). Massachusetts Institute of Technology, online.

“Ways of Water.” (2020, February 13-15). Arizona State University, Tempe, AZ.

COMMUNITY SERVICE

Note-taker. (February 2022). Water break-out, Southwest Chapter Public Engagement Workshop. Fifth *National Climate Assessment (NCA5)*. Online.

Note-taker. (2021). Public perception break-out. *WateReuse Association Annual Conference*, online.

Working Group Co-lead. (October 2020 – November 2021). “Advancing Scholarship and Practice of Stakeholder Engagement in Working Landscapes.” Penn State University & online.

Panel Co-organizer. (2021, October 6-9). "Performativity and Pragmatics in Water Governance I & II". *Society for the Social Studies of Science*, online.

Co-organizer, (September 2019 – March 2020). “Food for Thought Seminar Series.” *Swette Center*, Arizona State University, Tempe, AZ.

RELEVANT COURSEWORK

Social Survey Research (Dr. Kelli Larson), Multivariate Statistics for Social Scientists (Dr. Dylan Connor, Dr. Connor Sheehan), Water Resource Management (Dr. Larry Olson), Ethnographic Research Methods (Dr. Amber Wutich), Food System Sustainability (Dr. Hallie Eakin), Food Energy Water Nexus (Dr. Rimjhim Aggarwal), Energy Policy (Dr. Hannah Breetz), Robustness & Resilience (Dr. Marty Anderies), Collective Action & the Commons (Dr. Bryan Leonard), Biodiversity Conservation & Collaborative Management (Dr. Michael Schoon and Dr. Candice Carr-Kelman), Political Ecology (Dr. Shauna BurnSilver and Dr. Chris Morehouse), Policy Informatics (Dr. Erik Johnston), Creative Tools for Saving Biodiversity (Liz Lerman and Dr. Beckett Sterner).

RELEVANT PROFESSIONAL DEVELOPMENT

Qualitative Analysis workshop, Institute for Social Science Research (ISSR), ASU	May 2020
Content Analysis workshop, Institute for Social Science Research (ISSR), ASU	May, 2020
Reflexivity and Positionality, Institute for Social Science Research (ISSR), ASU	May, 2020
Arizona Water Management Certificate, ASU	August, 2020

LANGUAGES

Spanish

TECHNICAL SKILLS

Adobe Photoshop & Illustrator

MAXQDA

Qualtrics

R Programming

