

**LARISSA LARSEN**  
Urban and Regional Planning  
University of Michigan at Ann Arbor  
2000 Bonisteel Boulevard  
Ann Arbor, MI 48109  
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**Education**

Doctor of Philosophy in Urban and Regional Planning,  
University of Illinois at Urbana-Champaign  
August 1993 - December 1997

Master of Landscape Architecture,  
University of Guelph (Canada)  
September 1989 - May 1992

Bachelor of Applied Science,  
University of Guelph (Canada)  
September 1985 - May 1989

**Academic Appointments**

Full Professor of Urban and Regional Planning  
University of Michigan, May 2023

Chair of Urban and Regional Planning  
University of Michigan, July 2021 to June 2023

Associate Professor of Urban and Regional Planning  
Associate Professor of Landscape Architecture  
University of Michigan, June 2010 to May 2023

Assistant Professor, Urban and Regional Planning Program, University of Michigan,  
September 2005 to May 2010

Assistant Professor, School of Natural Resources and Environment, University of Michigan, September  
2002 to August 2005

Assistant Professor, School of Planning and Landscape Architecture, Arizona State University  
August 2000 to August 2002

**Professional Registrations**

Registered Landscape Architect, State of Indiana – # LA 20500166  
American Institute of Certified Planners (AICP)  
Certified Environmental Planner (Through AICP)

**Peer-reviewed Journal Articles**

Larsen, Larissa (submitted to the journal *Cityscape* – April 2024 – Special Edition: Extreme Heat in Cities)  
Extreme Heat Interventions in Lower-Income Housing in Detroit, Cleveland, Milwaukee, and Buffalo

Berke, Timothy and Larsen, Larissa (Revise and Resubmit at the *Journal of Urban Affairs*) Do Internally  
Displaced Persons and Returnees Value City Service Differently than Host Residents in Juba, South  
Sudan?

Fikadu, Tilahun, Larsen, Larissa, and Yeshitela, Kumelachew (In Review at *Cities*) The Impact of Land  
Governance and Ownership Regimes on Public Green Spaces in East African Cities: The case of Addis  
Ababa (Ethiopia) and Kampala (Uganda)

Friedman, Mirit and Larsen, Larissa (In Review again– after Revise and Resubmit for the Journal of Planning Education and Research) Locating Dams in the Water Management and Land Use Planning Discussion.

Stone, Brian; Gronlund, Carina; Mallen, Evan; Hondula, David; O'Neill, Marie; Rajput, Mayuri; Grijalva, Santiago; Lanza, Kevin; Harlan, Sharon; **Larsen, Larissa**; Augenbroe, Godfried; Krayenhoff, Eric; Broadbent, Ashley; Georgescu, Matei (2023) "How Blackouts during Heat Waves Amplify Mortality and Morbidity Risk" in *Environmental Science & Technology*, Vol 57 (22) 8245-8255.  
<https://pubs-acscs-org.proxy.lib.umich.edu/doi/full/10.1021/acs.est.2c09588>

Larsen, Larissa, Gronlund, Carina J., Ketenci, Kaan Cem, Harlan, Sharon L., Hondula, David M., Stone, Jr., Brian J., Lanza, Kevin, Mallen, Evan, Wright, Mary K., O'Neill, Safe at Home? A Comparison of Factors Influencing Indoor Residential Temperatures during Warm Weather in Three Cities. (July 18, 2022) **Journal of the American Planning Association**.  
<https://www.tandfonline.com/doi/full/10.1080/01944363.2022.2087724>

Berke, Timothy and Larsen, Larissa. (2022) Using Land to Promote Refugee Self-Reliance in Uganda. **Land**, 11, 410. Doi.org/10.3390/land11030410.

Conlon, Kathryn, Mallen, Evan, Gronlund, Carina, Berrocal, Veronica, Larsen, Larissa, and O'Neill, Marie. (2020). Mapping human vulnerability to extreme heat events: A critical assessment of heat vulnerability indices created using principal components analysis. **Environmental Health Perspectives**. doi.org/10.1289/EHP4030.

Wright MK, Hondula DM, Chakalian PM, Kurtz LC, Watkins L, Gronlund CJ, Larsen L, Mallen E, Harlan SL, Social and behavioral determinants of indoor temperatures in air-conditioned homes, **Building and Environment** (2020), <https://doi.org/10.1016/j.buildenv.2020.107187>.

Lanza, Kevin, Stone, Brian, Chakalian, Paul, Gronlund, Carina, Hondula, David, Larsen, Larissa, Mallen, Evan, Haardofer (2020) Physical Activity in the Summer Heat: How Hot Weather Moderates the Relationship Between Built Environment Features and Outdoor Physical Activity of Adults. **Journal of Physical Activity and Health**, Volume 17, 261-269, <https://doi.org/10.1123/jpah.2019-0399>

Ziegler, Todd, Coombe, Chris, Rowe, Zarchary, Clark, Sarah, Gronlund, Carina, Lee, Michelle, Palacios, Angelina, Larsen, Larissa, Reames, Tony, Schott, Justin, Williams, Guy, and O'Neill, Marie (2019) Shifting from "Community-Placed" to "Community-Based" Research to Advance Health Equity: A Case Study of the Heatwaves, Housing, and Health Program. **International Journal of Environmental Research and Public Health**, Vol 16(18). DOI:10.3390/ijerph16183310

Larsen, Larissa, Yeshitela, Kumelachew, Mulatu, Tilahun, Siefu, Sisay, and Desta, Hayal. (2019) The Impact of Rapid Urbanization and Public Housing Development on Urban Form and Density in Addis Ababa, Ethiopia. **Land**, doi:10.3390/land8040066

McFarland, Andrea, Larsen, Larissa, Kumelachew Yeshitela, Agizew Nigussie Engidad and Nancy G. Love. (2019) Guide for using green infrastructure in urban environments for stormwater management. **Environmental Science: Water Research and Technology**, DOI: 10.1039/c8ew00498f

Coseo, Paul, and Larsen, Larissa (2019) Accurate Characterization of Land Covers in Urban Environments Determining the importance of including obscured impervious surface in urban heat island models. **Atmosphere** 10, 347; doi:10.3390/atmos10060347

Adugan, Dagnachew, Lemma, Brook, Gebrie, Geremew Sahilu, Larsen, Larissa, Yeshitela, Kumelachew, and Jensen, Marina Bergen. (2018) Stormwater impact on water quality of rivers subjected to point sources and urbanization-the case of Addis Ababa, Ethiopia. **Water and Environment Journal**. 1-13.

- Stults, Missy and Larsen, Larissa (2018) "Tackling Uncertainty in Local US Adaptation Planning". **Journal of Planning Education and Research**. <https://doi.org/10.1177/0739456X18769134>
- Dagnachew Adugna, and Larissa Larsen (2017) "Low-cost stormwater filtration system to improve urban water quality: The case of Addis Ababa, Ethiopia", **Journal of Water Resources and Protection**, 9 (692-705).
- Rajkovich, Nicholas B. and Larsen, Larissa (2016) "A Bicycle-Based Field Measurement System for the Study of Thermal Exposure in Cuyahoga County, Ohio, USA", **International Journal of Environmental Research and Public Health** 13.
- Larsen, Larissa (2015) "Urban climate and adaptation strategies", **Frontiers of Ecology and the Environment** 13(9), 486-492.
- Coseo, Paul, and Larsen, Larissa. (2014) "How Factors of Land Use/Land Cover, Building Configuration, and Adjacent Heat Sources and Sinks Explain Urban Heat Islands in Chicago", **Landscape and Urban Planning**, Volume 125, 117-129.
- Larissa Larsen, Laura Sherman, Laura Smith, Darshan Karwat, Krista Badiane, & Paul Coseo. (2014) "Social Justice and Sustainability in Poor Neighborhoods: Learning and Living in Southwest Detroit", **Journal of Planning Education and Research**, Vol 34(5): 5-18).
- Larissa Larsen (2012) "Behind the Green Curtain: Shifting Goals and Shifting Roles", **Planning Theory and Practice**, Volume 13, Issue 1: 170-172.
- Pyke, Chris, Sean McMahon, Larissa Larsen, Nicholas B. Rajkovich, and Adam Rohloff. (2012) "Development and Analysis of Climate Sensitivity and Climate Adaptation Opportunities Indices for Green Buildings." **Building and Environment**, Volume 55: 141-149.
- Kathryn C Conlon, Nicholas B Rajkovich, Jalonne L White-Newsome, Larissa Larsen, Marie S O'Neill (2011) Preventing cold-related morbidity and mortality in a changing climate," **Maturitas**, Volume 69 (3): 197-202.
- Sharon L Harlan, Scott T.Yabiku, Larissa Larsen, and Anthony J. Brazel (2009) "Household Water Consumption in an Arid City: Affluence, Affordance, and Attitudes", **Society and Natural Resources**, Volume 22: 691-709.
- Harlan, S.L., Brazel, A.J., Jenerette, G.D., Jones, N., Larsen, L., Preshad, L., Stefanov, W.L. (2008) "In the Shade of Affluence: The Inequitable Distribution of the Urban Heat Island", **Research in Social Problems and Public Policy**, Equity and the Environment, Volume 15:173-202.
- Larsen, L. & Alameddin, D. (2007) "The Evolution of Early Phoenix: Valley Business Elite, Land Speculation, and the Emergence of Planning", **The Journal of Planning History** 6(2):87-113.
- Gee, Gilbert C., Lively, Kathryn J. Lively, Larsen, Larissa, Keith, Jennifer, Stone, Jana, & MacLeod, Kara. (2007) "Hungry for Respect: Discrimination Among Adults Using Emergency Food Services", **Journal of Health Disparities Research and Practice**, Volume 2, Number 1, pp. 1-20
- Taylor, J. J., Brown, D.G., & Larsen, L. (2007) "Preserving natural features: A GIS-based evaluation of a local open-space ordinance", **Landscape and Urban Planning** 82: 1-16.
- Jenerette, G.D., Harlan, S., Brazel, A., Jones, N., Larsen, L., & Stefanov, W. L. (2007) "Regional relationships between surface temperature, vegetation, and human settlement in a rapidly urbanizing ecosystem", **Landscape Ecology**, 22: 353-365.

Jenerette, G.D., & Larsen, L. (2006) "A global perspective on changing sustainable urban water supplies," **Global and Planetary Change**, Vol. 50, 202-211.

Larsen, L., & Harlan, S. (2006) "Desert Dreamscapes: Landscape Preference and Landscape Behavior", **Landscape and Urban Planning**, Vol 78: 85-100.

Larsen, L. & Swanbrow, L. (2006) "Postcards of Phoenix: Images of Desert Ambivalence and Homogeneity", **Landscape Journal** 25(2): 205-217

Harlan, S. L., Brazil, A.J., Prashad, L., Stefanov, W. & Larsen, L. (2006) "Neighborhood Microclimates and Vulnerability to Heat Stress", **Social Science and Medicine**, Vol. 63: 2847-2863.

Kirby, A.; Harlan, S.L.; Larsen, L.; Hackett, E.; Bolin, B.; Nelson, A.; Rex, T.; & Wolf, S. (2006) "Examining the Significance of Housing Enclaves in the Metropolitan United States of America", **Housing Theory and Society**, Vol 23, Number 1, 19-33.

Larsen, L., Harlan, S., Bolin, B., Hackett, E., Hope, D., Kirby, A., Nelson, A., Rex, T., & Wolf, S. (2004) "Bonding and Bridging: Understanding the Relationship Between Social Capital and Civic Action," **The Journal of Planning Education and Research**, 24: 64-77.

Larsen, L., Poortinga, E., & Hurdle, D. (2004) "Sleeping Rough: Differences Between Shelter Users and Non-Users in Phoenix," **Environment and Behavior**, Vol. 36, Number 4, pp. 578-591.

Larsen, L., Adams, J., Deal, B., Kweon, B., & Tyler, E. (1998) "Plants in the workplace: The effects of plant density on task performance, attitudes and perceptions." **Environment and Behavior**, Vol. 30, No. 3., pp.261-281.

Daitch, V., Kweon, B., Larsen, L., Tyler, E., & Vining, J. (1996) "Personal environmental histories: Reflection of self and place." in **Human Ecology Review**, Volume 3, No. 1, pp. 19-30.

### **Book Chapters**

Larsen, Larissa (2024). **Extreme urban heat**, in Taylor, Dorceta (ed.) SAGE Encyclopedia of Environmental Justice (in press)

Hill, Kristina and Larsen, Larissa (2013). Adaptive Urbanism, in Duany, Andres and Talen, Emily (eds.) **Landscape Urbanism and Its Discontents: Dissimulating the Sustainable City**. New Society Press: Gabriola Island, British Columbia (215-230).

Arquero de Alarcon, M., and Larsen, L. 2015. Mapping Delray: Understanding the Changes in this Southwest Detroit Community in June Manning-Thomas and Henco Bekkering (editors) **Mapping Detroit**. Wayne State Press: Detroit, Michigan.

### **Book Reviews**

Larissa Larsen (2023) Reimagining Sustainable Cities: Strategies for Designing Greener, Healthier, More Equitable Communities, *Journal of the American Planning Association*, 89:1, 148-149, DOI: 10.1080/01944363.2022.2109926 To link to this article: <https://doi.org/10.1080/01944363.2022.2109926>

Larissa Larsen (2021) Design With Nature Now, *Journal of the American Planning Association*, 87:2, 305-306, DOI: 10.1080/01944363.2021.1885275

### **Recent External Funding**

PAF ID: [23-PAF00562](#)

Funding Source: National Science Foundation

PAF Title: DDRIG in DRMS: An assessment of local government dam management action and inaction for risk reduction

PI: Larissa Larsen

Other U-M Investigators: Mirit Friedman  
Amount Received: \$32,034  
Project Start and End Dates: January 2023-January 2024

ORSP #: 23259000  
Funding Source: National Science Foundation- International Research Experiences for Students (IRES)  
Principal Investigator with Nancy Love, Branko Kerkez, and Valeria Bertacco, UM Engineering  
Project Title: Advancing Cyber-Enabled, Decentralized Water Systems in Rapidly Developing Cities  
University of Michigan and Addis Ababa University, Ethiopia  
Amount Received: \$249,989  
Project Start and End Dates: June/July 2017 – June 2021  
Percent of time devoted to project: 5%

ORSP # 1520803--Subaward RG098-G2,  
Funding Source: National Science Foundation, Hazards SEES  
Stone, Brian (PI), Larsen (Co-I) 08/15/15-07/31/19  
Project Title: Enhancing emergency preparedness for critical infrastructure failure during extreme heat events  
Amount Received \$2.400,000 (Larsen's share \$107,000)  
The goal of this project is to estimate mortality and morbidity associated with simulated grid failure events during heat wave conditions in the cities of Atlanta, Detroit, and Phoenix, in response to current and future climate conditions, and to assess the effectiveness of specific environmental, technological, and behavioral adaptations in mitigating a growing heat hazard

ORSP # 13-PAF04719 (895700)  
Funding Source: Health and Human Services, Department of National Institutes of Health  
Project Title: Community Action to Promote Healthy Environments: Addressing Community Exposures to Air Pollutants  
Amount Received: \$2,822,814.00  
Project Start and End Dates 12/16/2013 – 10/31/2018  
Percent of time devoted to project 5%  
Status: Funded  
Amy Schulz and Stuart Batterman (PIs), Barbara Israel and Larissa Larsen (Co PIs)

ORSP # 11-PAF01217  
Funding Source: National Institute of Health: Climate Change and Human Health PAR-10-235  
Project Title: Climate Change and Health: Residential Energy Efficiency for Comfort and Equity  
Amount Received: \$410,000  
Project Start and End Dates: 5.17.12 to 12.30.2105.  
Principal Investigators: Marie O'Neill (Public Health) and Larissa Larsen  
Collaborators: Richard Rood (Atmospheric Science) and Veronica Berrocal (Biostatistics)

### **Recent Internal Funding Sources**

Research and Creative Practice Grant  
Project Title: Extreme Heat Interventions in Lower-Income Housing in Detroit, Cleveland, Milwaukee, and Buffalo  
Amount Received: \$12,918.00  
Project Start/End Dates: October 2023-June 2024

University Unit Providing the Support: Dow Distinguished Award Seed Grant, Graham Institute for Environmental Sustainability  
Project Title: Estimating Impacts of Proposed Development on Urban Water Infrastructure in Addis Ababa, Ethiopia.  
Amount Received: \$5,000  
Project Start /End Dates: May 2019 – January 2020

Percent of time devoted to project: 0 %  
Status: Current  
Principle Investigator/Student Advisor

Research Through Planning, Taubman College of Architecture and Urban Planning, University of Michigan  
Project Title: Prioritization of Stormwater Interventions by Subwatershed in Addis Ababa, Ethiopia  
Amount Received: \$4,992  
Project Start and End Dates: April 2017 – March 2018  
Principal Investigator: Larissa Larsen

African Studies Center, University of Michigan  
Project Title: Mapping Land Cover in Addis Ababa, Ethiopia  
Amount Received: \$6,000  
Project Start and End Dates: May 2016-December 2016  
Percent of time devoted to project: 50% Summer  
Status: Current  
Principal Investigator overseeing a collaborative project involving students and planning faculty from the University of Michigan, Ethiopian Institute of Architecture, Building Construction, and City Planning (EiABC), Addis Ababa University, as well as representatives from Addis Ababa city government.

Research Through Planning, Taubman College of Architecture and Urban Planning, University of Michigan  
Project: Land Use Mapping in Addis Ababa, Ethiopia  
Amount Received: \$4,800  
Project Start and End Dates: April 2016 – March 2017  
Principal Investigator: Larissa Larsen

Ethiopia-Michigan Platform for Advancing Collaborative Engagement (EM-PACE)  
Provost's Office  
Project Title: Context Appropriate Stormwater Solutions  
Amount Received: \$9,500  
Project Start and End Dates: 2014-2015  
Principal Investigator: Larissa Larsen

Graham Environmental Sustainability Institute & Kresge Foundation  
Project Title: Great Lake Cities Climate Adaptation Planning  
Amount Received: \$1,200,000 (over 3 years)  
Project Start and End Dates: 2011 to 2014  
Principal Investigator along with Arun Agarwal (SNRE), Elisabeth Gerber (Public Policy), Maria Carmen Lemos (SNRE), Marie O'Neill (Public Health), & Ricky Rood (OASS).

### **Professional Design Work Design Competition Awards**

Work Play Design Competition 2008 for Redesigning the North Campus Public Space–  
1st Prize (tied) – “C”ing Energy (design highlighting renewable energy sources with interactive elements and native landscaping)  
Team Members: Joe Trumpey (faculty, Art and Design), Scott Curry (graduate student, MUP), Mark Hunter (faculty, School of Natural Resources and Environment), Larissa Larsen (faculty, URP), Andrew Sell (undergraduate student, Art and Design), and Jeremy Semrau (faculty, Engineering)  
Selected from 31 entries in a juried competition

National SIPA 1995 Professional Design Competition - December 1995  
*First Place*

Building Design Category: The 'Green' Neighborhood - Military Family Neighborhood Development (150 dwelling units), Fort Hood, Texas  
Team Members: J. Adams, A. Chalifoux, B. Deal, & L. Larsen  
The competition, sponsored by the **US Department of Energy**, honors the best in energy-efficient and affordable buildings.

Society for Human Ecology Distinguished Leadership Award - October 1997  
Awarded for my efforts to promote the Society by initiating and organizing an international student paper competition.

**Awards for Teaching**

2022-2023 Teaching Award for the Urban and Regional Planning Program (elected by students)

2017-2018 Teaching Award for the Urban and Regional Planning Program (elected by students)

2013-2015 Distinguished University of Michigan Faculty Fellow of Sustainability, The Graham Environmental Sustainability Institute.

2010 -2011 Teaching Award for the Urban and Regional Planning Program (elected by students)

2009-2010 Teaching Award for the Urban and Regional Planning Program (elected by students)

2008-2009 Teaching Award for the Urban and Regional Planning Program (elected by students)

2007-2008 Teaching Award for the Urban and Regional Planning Program (elected by students)

2005-2006 Teaching Award for the School of Natural Resources and Environment (elected by students)

Excellent Teaching Designation – Spring 1996

Results of student ratings in a campus-wide evaluation  
Teaching Assistantship for Landscape Architecture Design Studio  
The University of Illinois at Urbana-Champaign