

Zoé A. Hamstead

Education and Training

St. John's College	Annapolis, MD	Liberal Arts	B.A., 2003
University of North Carolina	Chapel Hill, NC	City & Regional Planning	M.C.R.P., 2008
The New School	New York, NY	Urban & Public Policy	Ph.D., 2016

Appointments

2021-	Assistant Professor, University of California, Berkeley, Department of City & Regional Planning, Berkeley, California
2016 - 2021	Assistant Professor, University at Buffalo, State University of New York, Department of Urban & Regional Planning, Buffalo, NY
2016 - 2021	RENEW Institute Faculty, Research and Education in Energy, Environment and Water, University at Buffalo

Publications Most Related to the Project

1. **Hamstead, Zoé A.** 2023. Thermal Insecurity: Violence of heat and cold in the urban climate refuge. *Urban Studies*. <https://doi.org/10.1177/00420980231184466>
2. **Hamstead, Zoé A.** 2023. Critical Heat Studies: Deconstructing Heat Studies for Climate Justice. *Planning Theory & Practice*, 24(2), 153–172. <https://doi.org/10.1080/14649357.2023.2201604>
3. Coseo, Paul and **Zoé A. Hamstead**. 2023. Just, Nature-Based Solutions as Critical Urban Infrastructure for Cooling and Cleaning Airsheds. *A Modern Guide to Nature-based Solutions for Cities*. Eds. Timon McPhearson, Niki Frantzeskaki, Nadja Kabisch. (eds) Edgar Elgar Publishing.
4. **Hamstead, Zoé A.**, David Iwaniec, Timon McPhearson, Marta Berbés-Blázquez, Elizabeth Cook, Tisha A. Muñoz-Erickson. 2021 *Resilient Urban Futures*. Springer Urban Book Series. ISBN 978-3-030-63131 <https://link.springer.com/book/10.1007/978-3-030-63131-4>
5. **Hamstead, Zoé A.** and Jason Sauer. 2021. Mapping vulnerability to weather extremes: Heat and flood assessment approaches, in *Resilient Urban Futures*. Eds. Hamstead, Zoé A., David Iwaniec, Timon McPhearson, Marta Berbés-Blázquez, Elizabeth Cook, Tisha A. Muñoz-Erickson. (eds) The Urban Book Series. Springer, Cham. https://doi.org/10.1007/978-3-030-63131-4_4

6. **Hamstead Zoé**, Coseo P, AlKhaled S, et al. 2020. Thermally resilient communities: creating a socio-technical collaborative response to extreme temperatures. *Buildings and Cities* 1:218–232 <http://doi.org/10.5334/bc.15>
7. **Hamstead Zoé** and Paul Coseo. 2020. Building policies, plans, and cities to manage extreme weather events: Perspectives from Urban Planning and Landscape Architecture. In: Smith KH, Ram PK (eds) *Transforming Global Health: Interdisciplinary Challenges, Perspectives and Strategies*. Springer Nature Switzerland, Cham, Switzerland, pp 261–283
8. **Hamstead, Zoé A.**, Carson Farmer & Timon McPhearson. 2018. Landscape-Based Extreme Heat Vulnerability Assessment. *Journal of Extreme Events*, 05(04), 1850018. <https://doi.org/10.1142/S2345737618500185>
9. **Hamstead, Zoé A.**, David Fisher, Rositsa Ilieva, Spencer Wood, Timon McPhearson, Peleg Kremer. 2018. Geolocated social media as a rapid indicator of park visitation and equitable park access. *Computers, Environment and Urban Systems* Special Issue: Human dynamics in the mobile and big data era: Towards smart and connected communities. 72:38-50 <https://doi.org/10.1016/j.compenvurbsys.2018.01.007>
10. **Hamstead, Zoé A.**, Peleg Kremer, Neele Larondelle, Timon McPhearson and Dagmar Haase. 2016. Classification of the heterogeneous structure of urban landscapes (STURLA) as an indicator of landscape function applied to surface temperature in New York City. *Ecological Indicators*. <http://dx.doi.org/10.1016/j.ecolind.2015.10.014>

Other Significant Products

1. **Hamstead, Zoé A.** 2021. How we got here: Producing climate inequity and vulnerability to urban weather extremes, in *Resilient Urban Futures*. Eds. Hamstead, Zoé A., David Iwaniec, Timon McPhearson, Marta Berbés-Blázquez, Elizabeth Cook, Tisha A. Muñoz-Erickson. Springer Urban Book Series.
2. **Hamstead, Zoé A.** and Todd BenDor. 2010. Over-compliance in Water Quality Trading Programs: Findings from a Qualitative Case Study in North Carolina. *Environment and Planning C: Government and Policy* 28(1): 1-17. doi: 10.1068/c0887j

Synergistic Activities

1. In partnership with the City of Richmond, Richmond Land, Center for Cities & Schools, CA Office of Emergency Services, and Department of Educations, teach a geographic information system-based course which trains students in anti-displacement analyses, land acquisition suitability analyses, eviction trend and corporate landlord analyses, and climate vulnerability assessment. (Fall 2022)
2. Funded by a Regents' Jr. Faculty fellowship, conducting climate governance and extreme weather experience field work as part of a study entitled: "Climate change in the post-colony: a study of thermal insecurity in Ghana." (Summer 2022-present)

3. In collaboration with PI Iryna Dronova, engage in California-based green gentrification research project entitled “Where the grass grows greener: The Impacts of Urban Greening on Housing Prices and Neighborhood Stability” funded via the National Aeronautics and Space Administration. (Summer 2022-Summer 2024).
4. In collaboration with PI Joyce Coffee, serve on advisory committee for National Weather Service-funded research project to enhance health-protective messaging during extreme heat events. (Fall 2022-Fall 2023)
5. In collaboration with PI William Goetzler, engaged in equitable cooling access research for the New York State Energy Research Development Authority. (2020)
6. Led engagement and research/practice capacity-building activities with City of Buffalo and Erie County local government stakeholders to develop a vision for thermal extremes management via a National Science Foundation Smart & Connected Communities grant. (2017-2018)
7. Led RENEW-funded project to understand residential thermal experiences in Buffalo, New York. (2017-2019)
8. Led Heat Task Force for National Science Foundation-funded Urban Resilience to Extremes Sustainability Research Network led by Arizona State University. (2017-2020)
9. In collaboration with People United for Sustainable Housing (PUSH)-Buffalo, co-managed research strategy and execution for Robert Wood Johnson Foundation-funded "Evaluation of PUSH-Green, a Community-based energy efficiency and weatherization program in Buffalo, New York." (2019-2020)
10. Taught studio courses in community solar, urban solar development potential, and neighborhood-level black climate health equity and climate resilience planning in Buffalo. (2016, 2017, 2020)
11. In collaboration with West Harlem Action (WE ACT) for Environmental Justice and Natural Resources Defense Council, engaged in heat vulnerability analyses that informed the West Harlem Extreme Heat Plan. (2015-2016)