

RESUME

Matan E. Singer

Personal Details

Full Name Matan Elisha Singer
E-mail singerm1@biu.ac.il
Website [Website](#) | [Google Scholar](#)

Education

2020 Ph.D. in Urban and Regional Planning, Taubman College, University of Michigan.
Dissertation title: "How Affordable are Accessible Locations? Housing and Transportation Costs and Affordability in U.S. Metropolitan Areas with Intra-Urban Rail Service" Supervisor: Prof. Jonathan Levine.
2014 M.A. in Geography and Specialization in Urban and Regional Planning, Hebrew University of Jerusalem.
Thesis title: "Neighborhood Opposition or Community Inclusion? Understanding Responses to the Siting of Human Services Facilities for People with Special Needs". Supervisors: Prof. Eran Feitelson and Dr. Gillad Rosen.
2010 B.A. in Geography and Political Science, Hebrew University of Jerusalem.

Employment

2025 - Senior Lecturer, Department of Environment, Planning and Sustainability, Bar-Ilan University.
Current
2024 - 2025 Postdoctoral Fellow, Research Coordinator, Mobilizing Justice Partnership, Department of Human Geography, University of Toronto Scarborough.
2023 - 2024 Postdoctoral Fellow, School of Public Health and the Haifa Center on the Politics of Inequality, University of Haifa. Host: Prof. Maya Negev.
2022 - 2023 Instructor. School of Sustainability, Reichman University (IDC Herzliya).
2022 - 2022 Lady Davis Post-Doctoral Fellow, Department of Geography, Hebrew University of Jerusalem. Host: Prof. Sigal Kaplan.
2021 - 2022 Instructor. Department of Geography, Tel Aviv University.
2020 - 2021 Aly-Kaufman Post-Doctoral Fellow, Fair Transit Lab, Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology. Host: Prof. Karel Martens.

Publications

Articles in Peer-Reviewed Journals

Singer, M.E. and Negev, M. (2025). Disparate Climate Change Health Costs: The Emissions, Vulnerability, and Readiness Nexus. *EcoHealth*. [Link](#)

- Silva, C., Büttner, B., Teixeira, J.F., Seisenberger, S., ..., **Singer, M.E.**, ... (2025). Proximity-centred accessibility – A conceptual debate involving planning practitioners worldwide. *Cities*. [Link](#)
- Shapira, S., Rosenthal, A., **Singer, M.E.**, Natour, S., and Negev, M. (2025). Direct and indirect pathways of climate-related impacts on vulnerable populations: Insights from a nationwide study in the Eastern Mediterranean. *International Journal of Disaster Risk Reduction*. [Link](#)
- Singer, M.E.**, Natour, S., Porat, I., Rosenthal, A., Negev, M. & Shapira, S. (2025). Exploring the climate change, infrastructure, health nexus and everyday adaptation among vulnerable populations. *Habitat International*. [Link](#)
- Singer, M.E.** (2025). Exploring the Impacts of Transit-Oriented Development Housing Stock and Built Environments on Housing Costs in Twenty-Six U.S. Metropolitan Areas. *Urban Affairs Review*. [Link](#)
- Negev, M., Shapira, S., **Singer, M.E.**, Lador, I., Pahaut, A. & Rosenthal, A. (2024). Climate change and public health: Challenges and pathways for action. *Ecology and Environment*. (Hebrew). [Link](#)
- Martens, K. & **Singer M.E.** (2024). A scale for describing people's mobility status. *Findings*, April. [Link](#)
- Singer, M.E.**, Cohen-Zada, A. L., & Martens, K. (2024). Examining the Performance of Transport Systems in Large US Metropolitan Areas. *Transportation*, 51: 1125–1147. [Link](#)
- Singer, M.E.** & Martens, K. (2023). Measuring Travel Problems: Testing A Novel Survey Tool in a Natural Experiment. *Transportation Research Part D*, 121, 103834. [Link](#)
- Singer, M.E.**, Cohen-Zada, A. L., & Martens, K. (2022). Core versus periphery: Examining the spatial patterns of insufficient accessibility in US metropolitan areas. *Journal of Transport Geography*, 100, 103321. [Link](#)
- Martens, K., **Singer, M.E.**, & Cohen-Zada, A. L. (2022). Equity in Accessibility: Moving from Disparity to Insufficiency Analyses. *Journal of the American Planning Association*, 1-16. [Link](#)
- Singer, M.E.** (2021). How affordable are accessible locations? Location affordability in U.S. urban areas with intra-urban rail service. *Cities*, 116: 103295. [Link](#)
- Merlin, L., **Singer, M.E.**, and Levine, J. (2021). Influences on transit ridership and transit accessibility in U.S. urban areas. *Transportation Research Part A*, 150: 63-73. [Link](#)
- Singer, M.E.**, and Rosen, G., (2019). Rethinking responses towards group-homes: Inclusionary legislation, supportive municipal attitudes, and place-based opposition. *Social and Cultural Geography*, 20(3): 344-366. [Link](#)
- Levine, J., **Singer, M.E.**, Merlin, L. and Grengs, J. (2018) Apples to apples: Comparing BRT and light rail while avoiding the “BRT-lite” trap. *Transport Policy*, 69: 20-34. [Link](#)
- Mokhtarian, P.L., Salomon, I. and **Singer, M.E.**, (2015). What moves us? An interdisciplinary exploration of reasons for traveling. *Transport Reviews*, 35(3): 250-274. [Link](#)
- Salomon, I. and **Singer, M.E.** (2014). 'Informal Travel': A new conceptualization of travel patterns? *Transport Reviews*, 34(5): 562-582. [Link](#)
- Dal Fiore, F., Mokhtarian, P.L., Salomon, I. and **Singer, M.E.**, (2014). Nomads at last? New perspectives on how mobile technology may affect travel. *Journal of Transport Geography*, 41: 97-106. [Link](#)
- Levin, N., **Singer, M.E.** and Lai, P.C. (2013). Incorporating topography into landscape continuity analysis—Hong Kong Island as a case study. *Land*, 2(4): 550-572. [Link](#)

Other Publications

Singer, M.E. (2019). Restructuring Public Transport Through Bus Rapid Transit: An International and Interdisciplinary Perspective, *Transport Reviews*, 39(3): 420-421. [Link](#)

Reports

Feitelson, E., HaLevi, E., Salomon, I., Rosen, D., Gabai, O., Zvuluni, A., & **Singer, M.E.** *The Train to Eilat: Evaluating the Logic Behind the Project – 10-Year Update*. Shasha Centre for Strategic Research and The Society for the Protection of Nature in Israel, Jerusalem, Israel. (Report; Hebrew)

Feitelson, E., Givoni, M., HaLevi, E., Salomon, I., Rosen, D., Gabai, O. and Zvuluni, A. (research assistant: **Singer, M.E.**) (2013) *The Train to Eilat: Evaluating the Logic Behind the Project*. Shasha Centre for Strategic Research and The Society for the Protection of Nature in Israel, Jerusalem, Israel. (Hebrew)

Grants, Fellowships, and Awards

- 2023-2025 The Israeli Smart Transportation Research Center Research Grant. Title: "Estimating the Incidence and Severity of Mobility Problems Across a Population." PI: Prof. Karel Martens; Collaborator: Dr. Matan Singer (249,000 NIS).
- 2023-2024 Haifa Center on the Politics of Inequality Postdoctoral Fellowship, University of Haifa (144,000 NIS)
- 2022 Lady Davis Postdoctoral Fellowship, the Hebrew University (78,000 NIS).
- 2020-2021 Aly-Kaufman Fellowship Trust, the Technion (\$48,000).
- 2020 Doctoral Student Award in Urban and Regional Planning; Urban and Regional Planning, University of Michigan
- 2019 Rackham One-Term Dissertation Fellowship; Rackham Graduate School, University of Michigan. (\$10,500)
- 2015 Harvey G. & Joyce H. Behner Graduate Fellowship; Rackham Graduate School, University of Michigan. (\$6,666)
- 2015-2019 Doctoral Student Fellowship; Urban and Regional Planning and Rackham Graduate School, University of Michigan, (\$40,000)
- 2014 David Amiran Scholarship, The Prof. David Amiran Geographic Foundation for Academic Excellence at the Hebrew University's Department of Geography, Hebrew University of Jerusalem. (40,000 NIS)
- 2013 Grant for M.A. thesis, The Shaine Center for Research in Social Sciences, Hebrew University of Jerusalem. (3,000 NIS)
- 2013; 2014 Outstanding Teacher Recognition, Faculty of Social Sciences, Hebrew University of Jerusalem.

Presentations

Invited Professional Presentations

Singer, M. E. "The Impacts of Mass Transport Systems on Urban Development and Land Values." *Central District Geographic Committee*, The Ministry of Interior: Ramla, Israel, May 23, 2023.

Singer, M. E. "Neighborhood opposition or community inclusion in response to siting out of home living arrangements for people with special needs." *The Joint Committee for Siting*

Out of Home Living Arrangements in the Community, The Ministry of Social Affairs and Social Services: Jerusalem, Israel, December 29, 2013.

Academic Conferences

Singer, ME., Har-Tal Prishkulnik, I., and Martens, K. "An Updated Survey Tool for Systematically Measuring Travel Problems Across a Population." *American Association of Geographers 2025 Annual Meeting*, Detroit, March 24, 2025.

Singer, ME. "Exploring Climate-Related Travel Barriers, Behaviors, and Mitigation Actions among Vulnerable Populations in Israel." *American Association of Geographers 2024 Annual Meeting*, Honolulu/Online, April 18, 2024.

Singer, ME. "Encouraging Sustainable Transportation Behavior Through Gamification: A Systematic Review of the Literature." *The 3rd Israeli Smart Transportation Research Center Annual & Students Conference*, Ruppin Academic Center, June 27-28, 2023.

Singer, ME. "Building critical mass: the strategies and tactics US bicycle advocacy groups adopt to promote cycling." *American Association of Geographers 2023 Annual Meeting*, Denver/Online, March 23-27, 2023.

Singer, ME. "Walking with Cognitive Impairments: Exploratory Findings and Implications to Walkability." *ISF Workshop: Urban Innovation Through Walkability and Spatial Cognition*, Tel Aviv/Jerusalem, September 19-21 2022.

Singer, M.E. "Travel Behavior and Barriers to Travel Among Individuals with Cognitive Disabilities." *Israeli Geographic Association Annual Conference 2021*, Tel Hai, December 5, 2021.

Singer, M.E., Martens, K., And Cohen-Zada A.L. "Examining the Performance of Transport Systems in Large US Metropolitan Areas." *World Symposium on Transport and Land Use Research*, Portland, OR, August 9-11, 2021.

Singer, M.E. "Travel Behavior and Barriers to Travel Among Individuals with Cognitive Disabilities." *American Association of Geographers 2021 Annual Meeting*, Washington DC, April 7-10, 2021.

Singer, M.E. "Housing Affordability and the Built Environment: A Longitudinal Analysis of Housing Affordability Near Rail Stations in the United States." *49th Urban Affairs Association Annual Conference*, Los Angeles, CA, April 24-27, 2019.

Singer, M.E. "Location Affordability by Neighborhood Type: Housing and Transportation Affordability in U.S. Metropolitan Areas." *American Association of Geographers 2019 Annual Meeting*, Washington DC, April 3-7, 2019.

Singer, M.E. "How affordable are accessible locations? Examining housing and transportation affordability near rail stations in the U.S." *58th Annual Conference of the Association of Collegiate Schools of Planning*, Buffalo NY, October 25-28, 2018.

Singer, M.E. "If it ain't broke, why fix it? Evaluating the impact of a fair share strategy for group-home siting on siting decisions in a city with an already equal distribution of group homes." *48th Urban Affairs Association Annual Conference*, Toronto CA, April 4-7, 2018.

Levine, J., **Singer, M.E.**, Merlin, L., and Grengs, J. "Apples to Apples: Comparing BRT and Light Rail while Avoiding the "BRT Lite" Trap." *57th Association of the Collegiate Schools of Planning Annual Conference*, University of Colorado Denver: Denver, CO, October 12-15, 2017. Co-presented with Jonathan Levine.

Singer, M.E. "From neighborhood opposition to community inclusion: A comparative examination of the siting of out-of-home living-arrangements for people with special needs." *The 54th Conference of the Israeli Geographical Association*, Bar-Ilan University: Ramat-Gan, Israel, December 1-2, 2013.

Singer, M.E., and Salomon, I. "Critical Mass: How many bicycles are necessary for a change to occur?", *5th ICT Expert Group Meeting*, Berlin, November 30- December 2, 2011.

Invited Seminars

Singer, M.E. "How Affordable are Transit-Oriented Neighborhoods? Housing and Transportation Costs in 23 US Metropolitan Areas." *Department Seminar*, Department of Geography and Environment, Bar Ilan University, Ramat Gan, Israel, April 23, 2023.

Singer, M.E. "Housing and Transportation Costs Near Urban Rail in the US: Neighborhood form, Walkability, and Transport Accessibility." *Colloquium*, The David Azrieli School of Architecture, Tel Aviv University, Tel Aviv, Israel, November 21, 2022.

Singer, M.E. "If we increase supply, will prices decline? The links between neighborhood urban form and housing costs in 23 US metropolitan areas." *Faculty Colloquium*, Faculty of Architecture and Town Planning, The Technion, Haifa, Israel, December 7, 2020.

Singer, M.E. "Urban Transportation in the 21st Century: A Look into the Future." *Department Seminar*, The Department of Geography and the Human Environment, Tel Aviv University, Tel Aviv, Israel, November 17, 2020.

Supervision

2023-	Ph.D., Ilana Har-Tal, Architecture and Town Planning, Technion – Israel Institute of
Current	Technology.
2014	B.A., Ravid Luria and Lior Ben-Haim, Organizations Theory and Internship course, Hebrew University of Jerusalem.

Courses

Lecturer

2025 -	Transport Planning (Bar-ilan University), M.A.
2025 -	Geography of Transportation (Bar-ilan University), B.A.
2025 -	Smart Cities (Bar-ilan University), B.A.
2023	Urban Sustainability (Reichman University, Hebrew), B.A.
2023	Urban Sustainability (Reichman University, English), B.A.
2023	The Autonomous City (Reichman University, English), B.A.
2022	Mobility and Sustainability (Tel Aviv University, Hebrew), B.A.
2021	Research Methods for Geographers (Tel Aviv University, English), B.A.
2021	Mobility, Transportation, and Sustainability (Tel Aviv University, Hebrew), M.A.
2019	Introduction to Statistics for Urban Planning (University of Michigan, English), M.A.

Teaching Assistant

2018	Public Economics for Urban Planning (University of Michigan, English), M.A.
2018	Introduction to GIS (University of Michigan, English), M.A.
2016	Planning Theory (University of Michigan, English), M.A.

- 2013-2015 Research Methods for M.A. (Hebrew University), M.A.
- 2011-2015 Economic Geography (Hebrew University), B.A.
- 2010-2015 Research Approaches in Geography (Hebrew University), B.A.
- 2010-2013 Introduction to Cartography (Hebrew University), B.A.

Departmental Service

- 2018 Doctoral Studies Committee. Doctoral student representative on the Urban and Regional Planning Doctoral Studies Committee; Urban and Regional Planning, University of Michigan.
- 2018 Doctoral students' publication initiative. Co-authored a report promoting faculty-student research collaborations and lobbied for its implementation within the Urban Planning program; Urban and Regional Planning, University of Michigan.
- 2017-2018 Ph.D. Seminar. Initiated and led a Ph.D. Seminar, a forum for discussing career development issues with faculty and reviewing students' work; Urban and Regional Planning, University of Michigan.
- 2017-2018 Reviewer for Agora, a student-operated annual peer-reviewed publication at the Taubman College, University of Michigan.

Refereeing

Routledge; npj Sustainability; Cities; Housing Studies; Transport Reviews; Journal of Transport Geography; Transportation Research Part A; Transportation Research Part D; Transportation Research Board; Journal of Transport and Land Use; Journal of Sustainable Real Estate; Journal of Public Transportation; Housing, Theory and Society.