

RESUME

March 2026

1. PERSONAL DETAILS

Full name: Or Aleksandrowicz

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ORCID: 0000-0002-6777-5228

Website: oraleks.net.technion.ac.il

Languages: Hebrew (mother tongue), English (C2), Arabic (A2), German (A2)

2. ACADEMIC DEGREES

- 2012-2015 Dr.techn. (magna cum laude) in **Engineering Sciences Architecture**, supervisor: Prof. Ardeshir Mahdavi, Faculty of Architecture and Planning, Vienna University of Technology
- 2009-2012 M.Sc. (magna cum laude) in **Building Science and Technology**, supervisor: Prof. Ardeshir Mahdavi, Faculty of Architecture and Planning, Vienna University of Technology
- 1997-2002 B.Arch. (magna cum laude) in **Architecture**, the David Azrieli School of Architecture, Tel Aviv University

3. ACADEMIC APPOINTMENTS

- 2026-Present Associate Professor (tenured), Faculty of Architecture and Town Planning, Technion Israel Institute of Technology
- 2019-2026 Assistant Professor (tenure-track), Faculty of Architecture and Town Planning, Technion Israel Institute of Technology
- 2017-2019 Senior Lecturer (adjunct), Faculty of Architecture and Town Planning, Technion Israel Institute of Technology
- 2015-2017 Post-doctoral Fellow, Faculty of Architecture and Town Planning, Technion Israel Institute of Technology
- 2005-2006 Assistant Lecturer, Department of Architecture, Bezalel Academy of Arts, Jerusalem

4. PROFESSIONAL EXPERIENCE (outside academia)

- 2025-Present Urban climatology consultant on developing a shade master plan for the city of Sderot
- 2025 Building and delivering a module on urban AI and shade mapping for the [Urban AI Academy](#) as part of its [Urban AI for Heat Adaptation](#) educational program
- 2024-2025 Urban climatology consultant to ARA architects on developing a shade master plan for the city of Eilat
- 2023-2024 Consultant for the project *A Quantification Tool for Sustainable Landscape Architecture*, the Israeli Association of Landscape Architects, supported by the Ministry of Housing
- 2018-2020 Project consultant to Tel Aviv-Yafo Municipality on the development of a strategic plan for the C40 Cool Cities initiative
- 2008-2009 Dunsy Architects, Ramat Gan, senior architect (project manager)

2000-2007 JP Friedman & Associates, Tel Aviv, senior designer and architect (project manager)

5. RESEARCH INTERESTS (briefly)

- Urban microclimate
- Bioclimatic building design
- Building performance simulation
- History of modern architecture and urban planning
- History of building science and technology
- Digital humanities
- Human behaviour in buildings and urban settings

6. TEACHING EXPERIENCE

Technion Israel Institute of Technology

- **Architectural research**, main teacher, graduate, newly reconstructed course
- **Architecture capstone seminar**, main teacher, graduate, newly reconstructed course
- **Technological history of architecture**, main teacher, graduate and undergraduate, new course
- **Urban microclimate**, main teacher, graduate and undergraduate, newly reconstructed course

7. TECHNION ACTIVITIES

2023-Present Member of the Technion's Sustainability Frontier Council

2020-Present Member of the Technion's computer committee

8. DEPARTMENTAL ACTIVITIES

2025-2026 Head of the Avie and Sarah Arenson Built Heritage Research Center

2023-Present Head of the Architecture Program's Sustainable Architecture Topic

2022-Present Head of the Architecture Program Research Coordination subcommittee

2022 Head of the Yuval Amir Prize committee

2021-2024 Member of the Architecture Track search committee for faculty open positions

2020-2025 Member of the board of directors of the Avie and Sarah Arenson Built Heritage Research Center

2020-2025 Member of the David Azrieli Fellowship committee

2020-2025 Member of the Architecture Track graduate admission committee

2019-Present Developer of the Faculty's new internet site, including its ongoing management, coordination, and content editing

2019 Member of the Glass Balaban Scholarship committee

9. PUBLIC PROFESSIONAL ACTIVITIES

2025 Research proposal reviewer for the Israeli Ministry of Innovation, Science and Technology

2025 Member of the steering committee on developing a toolbox for writing an urban cooling policy, The Israeli Society of Ecology and Environmental Sciences

2025	Participant in a discussion group on evidence-based decision making, the National Economic Council, Israel
2024-2025	Member of a Professional Committee at the Israel Science Foundation (ISF)
2024-2028	Participant in COST Action CA23145 (Architectural and Urban Ambiances of European Cities)
2024	Participant in the Urban Construction and Green Infrastructure discussion group of the steering committee on mapping climate risks, the Israel Academy of Sciences and Humanities
2023	Invited member of the promotion committee of a Lecturer at the Architecture Department of Bezalel Academy of Arts, Jerusalem
2022	Participant in one of the steering groups of the National Program for Outdoor Shade in Israel initiated by the Israel Ministry of Environmental Protection
2020-2023	Member of the Public Council on the Establishment of the Tel Aviv-Yafo City Museum
2016-Present	Member of the Tel Aviv District Activists Committee of the Council for Conservation of Heritage Sites in Israel
2014-2016	Member of the Committee for Architecture Terminology at the Academy of the Hebrew Language, Jerusalem (the committee was disbanded)
Since 2013	Ad-hoc reviewer for the following peer-reviewed journals: <i>Applied Energy</i> ; <i>Architectural Research Quarterly</i> ; <i>Architectural Science Review</i> ; <i>Buildings & Cities</i> ; <i>Building and Environment</i> ; <i>City and Environment Interactions</i> ; <i>Computers, Environment and Urban Systems</i> ; <i>Energies</i> ; <i>Energy and Buildings</i> ; <i>Environment and Planning B: Urban Analytics and City Science</i> ; <i>International Journal of Environment and Sustainable Development</i> ; <i>Landscape and Urban Planning</i> ; <i>Planning Perspectives</i> ; <i>Scientific Reports</i> ; <i>Sustainable Cities and Society</i> ; <i>Theoretical and Applied Climatology</i> ; <i>Teorya U-Vikoret</i> (Theory and Criticism, Hebrew); <i>Urban Climate</i>

Chief editor of *Architectures* book series, Babel Publishers

Since 2006, I have been the chief editor of the [Architectures series at Babel Publishers](#), Tel Aviv, a long-standing book series in Hebrew dedicated to books on architecture and urbanism. As the series' chief editor, I am responsible for shaping the editorial line of the series (selection of translated titles, initiation, and close development of original books in Hebrew), as well as for supervising the whole production process of each book. Following is a list of books published in the series under my editorship (excluding my own book published in the series):

1. *Avraham Yasky, Concrete Architecture* [in Hebrew] by Sharon Rotbard, 2007.
2. *The Death and Life of Great American Cities* [Hebrew edition] by Jane Jacobs, including annotations, 2008.
3. *Learning from Las Vegas* [Hebrew edition] by Robert Venturi, Denise Scott Brown and Steven Izenour, including translation and annotations, 2008.
4. *City of Concept: Planning Tel Aviv* [in Hebrew] by Nathan Marom, 2009.
5. *Delirious New York* [Hebrew edition] by Rem Koolhaas, including translation and annotations, 2010.
6. *Cradle to Cradle* [Hebrew edition] by Michael Braungart and William McDonough, including translation and annotations, 2012.

7. *Land City: Local Essays* [in Hebrew] by Esther Zandberg, including preface, 2012.
8. *A Time for Conservation* [in Hebrew] by Amnon Bar Or, including complementary historical research, 2013.
9. *The Architecture of the Well-Tempered Environment* [Hebrew edition] by Reyner Banham, including translation, annotations, and postscript, 2014.
10. *My Father, Dov Karmi* [in Hebrew] by Ada Karmi-Melamede, including scientific editing, 2018.
11. *101 Things I Learned in Architecture School* [Hebrew Edition] by Matthew Frederick, including translation editing, 2018.
12. *Goldreich de Shalit: Locale* [in Hebrew] edited by Zvi Elhyani, 2020.
13. *Perspectives on the Work of Landscape Architect Zvi Dekel* [in Hebrew] edited by Nurit Lissovsky, 2021.
14. *Concrete and Culture* [Hebrew Edition] by Adrian Forty, including scientific editing, 2024.

10. MEMBERSHIP IN PROFESSIONAL SOCIETIES

- EGU – European Geosciences Union
- IAUC – International Association for Urban Climate
- ISEES – The Israel Society of Ecology and Environmental Sciences
- Registered architect in Israel, registration number 00115650

11. FELLOWSHIPS, AWARDS AND HONORS

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| 2022 | Finalist in the National Library of Israel's and Yad Hanadiv's tarboot competition on digital tools for cultural assets dissemination, team leader (members: Daniel Rosenberg, Elad Horn, Yoav Orion), awarded 10,000 USD for the initial development of a computational tool |
| 2018 | The David J. Azrieli Central Archives and Israeli Research Center for Architecture fellowship for a research project on shading elements in the architecture of Arie Sharon and Dov Karmi, 27,000 NIS |
| 2016-2018 | Glass-Balaban Foundation fellowship for a research project on the history of modern building technologies in Palestine and Israel, 58,150 NIS |
| 2015-2017 | Post-doctoral fellowship at the Faculty of Architecture and Town Planning, the Technion |
| 2015-2017 | Post-doctoral fellowship for returning scientists from the Center for Absorption in Science in the State of Israel's Ministry of Aliyah and Immigrant Absorption |

12. GRADUATE STUDENTS

Completed PhD theses

1. Samuel Giler, 2024, *The development of Jaffa port: Imperial considerations, political struggle and planning and engineering innovations, 1920-1939*, University of Haifa. Supervisors: Moshe Naor (primary supervisor), **Or Aleksandrowicz** (co-supervisor)
2. Elad Horn, 2020-2025, *Towards a quantitative historiography of architecture: Construction economy in Tel Aviv-Yafo, 1977-1995*, Technion. Supervisor: **Or Aleksandrowicz**

Elad Horn received an Azrieli Fellowship for PhD students for the year 2022 and a Rothschild post-doctoral Fellowship for the year 2025.

Completed MSc theses

1. Michelle Levenson, 2021, *Pedestrian behavior and thermal perception under varying urban microclimatic conditions*, Ben Gurion University of the Negev. Supervisors: David Pearlmutter (primary supervisor), **Or Aleksandrowicz** (co-supervisor)
2. Yoav Orion, 2023, *The history of street trees in Tel Aviv, 1909-1948*, Technion. Supervisor: **Or Aleksandrowicz**
3. Tamar Levinger, 2023, *Before it was digital: Exhibitions as a prism of digital ideas in architecture between 1968 and 1970*, Technion. Supervisors: Aaron Sprecher (primary supervisor), **Or Aleksandrowicz** (co-supervisor)
4. Motti Ruimy, 2025, *An empirical examination of the effect of shade on walkability in Israeli towns*, Technion. Supervisor: **Or Aleksandrowicz**
5. Yosef Mor, 2025, *Urban renewal as a tool for enhancing urban microclimate*, Ben Gurion University of the Negev. Supervisors: David Pearlmutter (primary supervisor), **Or Aleksandrowicz** (co-supervisor)

PhD theses in progress

1. Julian Raffetseder, 2021-2026, *Subtropical Vienna: Integrating solar governance in the architectural climate adaptation of a central European city*, Università della Svizzera italiana. Supervisors: Sascha Roesler (primary supervisor), **Or Aleksandrowicz** (co-supervisor)
2. Hadar Porat, 2023-2027, *Material Flux: The history of energy-intensive building technologies in Israel, 1948-2009*, Technion. Supervisor: **Or Aleksandrowicz**
Hadar Porat received a PhD Gutwirth Fellowship for the academic year 2025-26.
3. Adi Elmaliah, 2024-2028, *Knitted Shade: Reducing Outdoor Urban Heat Stress Using a Knit-based Shading*, Technion. Supervisors: Yoav Sterman (primary supervisor), **Or Aleksandrowicz** (co-supervisor)
4. Michelle Levenson, 2026-2029, *Embedding heat stress into urban design: An evidence-based approach*, Technion. Supervisors: **Or Aleksandrowicz** (primary supervisor), David Pearlmutter (co-supervisor)
5. Ekaterina Rovnova, 2026-2029, *The message in the mess: Mass housing resident modifications as an environmental adaptation lexicon*, Technion. Supervisor: **Or Aleksandrowicz**
6. Tali Laub-Richter, 2026-2029, *Grounded Resilience: Investigating the Influence of Urban Green Space Morphology on Selected Soil Health Indicators*, Technion. Supervisors: **Or Aleksandrowicz** (primary supervisor), David Yalin (co-supervisor)

MSc theses in progress

1. Sivan Sharabi, 2023-2026, *Calculating street tree planting density benchmarks based on their effect on outdoor shade provision*, Technion. Supervisor: **Or Aleksandrowicz**. Thesis submitted
2. Hadas Siyonov, 2023-2026, *Street trees and housing prices in Israeli cities*, Technion. Supervisors: Dani Broitman (primary supervisor), **Or Aleksandrowicz** (co-supervisor). Thesis submitted

13. SPONSORED LONG-TERM VISITORS AND POST-DOCTORAL ASSOCIATES

- 2023-2024 Talia Kaufmann, post-doc, *Development of an urban-scale building electricity consumption model based on building characteristics, climatic conditions and occupant behavioural profiles*, Supervisor: **Or Aleksandrowicz**

- 2023 Rona Aviram, post-doc, *Researching contemporary history of urban climatology and urban planning using Wikipedia's archives*, Supervisor: **Or Aleksandrowicz**
- 2023 Anat Goldman, post-doc, *Finding the first modernist building in Tel Aviv: A data science approach*, Supervisor: **Or Aleksandrowicz**

14. RESEARCH GRANTS

Competitive

- 2023-2027 Israel Science Foundation, *The climates we have built: Historicizing urban climates as products of urban planning*, PI, 640,000 NIS.
- 2023-2026 Israel Ministry of Innovation, Science and Technology, *Development of a novel method for calculating and high-resolution mapping of urban tree planting potential*, PI, 499,040 NIS.
- 2019-2024 Israel Science Foundation, *Development of an integral microclimatic analysis tool for combating urban heating*, research associate with Prof. David Pearlmutter (PI), 840,000 NIS.

Industrial and other sources

- 2024-2026 Technion Sustainability Frontier, *The physical aspect of walkability: a model for evaluating the effect of climate and topography on pedestrian route preferences*, PI1 with Dr. Sagi Dalyot (PI2) and Gil Revivo (PI3), 100,000 NIS.
- 2024-2026 Israel Ministry of Energy and Infrastructure, *Development of a hi-res spatial and temporal electricity demand model in Israel*, PI1 with Prof. Avigdor Gal (PI2), 450,000 NIS.
- 2024-2025 Tel Aviv-Yafo Municipality, *Formulation of urban design guidelines for urban cooling*, PI, 127,060 NIS.
- 2023-2024 Environment and Sustainability Research Center, *Optimizing the spatio-climatic accessibility conditions to public transport: A data-driven approach*, PI with Prof. David Pearlmutter (co-PI), 25,000 NIS.
- 2023 Higher Education Planning and Resource Allocation Committee, *Digitization and Distribution of Historical Photography Collections*, PI, 10,000 NIS.
- 2022-2024 Israel Innovation Authority, *Development of a Hebrew textual database on the built environment – construction, planning and architecture*, PI, 439,600 NIS.
- 2022-2023 Yad Hanadiv Foundation, *Development of a quantitative framework for evaluation and enhancement of urban shade and urban forestry*, PI with Prof. David Pearlmutter (co-PI), 210,000 NIS.
- 2022-2023 Center for Humanities and AI (University of Haifa and the Technion), *Finding the first modernist building in Tel Aviv: A data science approach*, PI with Prof. Maoz Azaryahu (co-PI), 60,000 NIS.
- 2022 Netivot Municipality, *Strategic plan for climatic resilience (first phase)*, PI, 108,000 NIS.
- 2021-2024 Technion's GTEP-MLIS, *Development of an urban-scale building electricity consumption model based on building characteristics, climatic conditions and occupant behavioural profiles*, PI1 with Prof. Avigdor Gal (PI2), 50,000 USD.
- 2021 Israel100 Initiative, *Development of a computational tool for interactive evaluation of street shading*, PI, 10,000 NIS.

- 2020-2022 Technion Data Science Initiative, *Deciphering energy consumption and visual comfort in buildings through analysis of large datasets of real-world adjustable sun protections operation*, PI with Prof. Avigdor Gal (co-PI), 20,000 NIS.
- 2019-2020 Tel Aviv-Yafo Municipality, *Quantification, analysis and evaluation of the environmental aspects in Tel Aviv's historic core (second phase)*, PI with Shachar Zur (co-PI), 40,000 NIS.
- 2017-2019 Tel Aviv-Yafo Municipality, *Quantification, analysis and evaluation of the environmental aspects in Tel Aviv's historic core (first phase)*, PI with Shachar Zur (co-PI), 80,000 NIS.

15. PUBLICATIONS

15.1 Theses

- 2012 Thermal Performance Analysis of Central Hall Houses in the Israeli Coastal Plain (Master Thesis), Vienna University of Technology
- 2015 Architecture's Unwanted Child: Building Climatology in Israel, 1940-1977 (Doctoral Dissertation), Vienna University of Technology

Refereed papers in professional journals

Published papers

1. **Or Aleksandrowicz**, [The camouflage of war: Planned destruction in Jaffa and Tel Aviv, 1948](#), *Planning Perspectives* 32(2): 175-198, 2017.
2. **Or Aleksandrowicz**, Milena Vuckovic, Kristina Kiesel, Ardeshir Mahdavi, [Current trends in urban heat island mitigation research: Observations based on a comprehensive research repository](#), *Urban Climate* 21: 1-26, 2017.
3. **Or Aleksandrowicz**, [Appearance and performance: Israeli building climatology and its effect on local architectural practice \(1940–1977\)](#), *Architectural Science Review* 60(5): 371-381, 2017.
4. Jonathan Natanian and **Or Aleksandrowicz**, [Environmental education of an architect: The case of final-year design studio at the Technion, Israel](#), *Archnet-IJAR* 12(1): 356-366, 2018.
5. **Or Aleksandrowicz** and Abraham Yezioro, [Mechanically ventilated double-skin facade in a hot and humid climate: Summer monitoring in an office tower in Tel Aviv](#), *Architectural Science Review* 61(3): 171-188, 2018.
6. **Or Aleksandrowicz** and Ardeshir Mahdavi, [The application of building performance simulation in the writing of architectural history: Analysing climatic design in 1960s Israel](#), *Frontiers of Architectural Research* 7(3): 367-382, 2018.
7. **Or Aleksandrowicz**, Claudia Yamu and Akkelies van Nes, [Spatio-syntactical analysis and historical spatial potentials: The case of Jaffa-Tel Aviv](#), *Journal of Interdisciplinary History* 49(3):445-472, 2018.
8. Jonathan Natanian, **Or Aleksandrowicz** and Thomas Auer, [A Parametric Approach to Optimizing Urban Form, Energy Load Match and Environmental Quality: The Case of Hot and Dry Mediterranean Districts](#), *Applied Energy* 254, 2019.
9. **Or Aleksandrowicz**, Shachar Zur, Yonatan Lebendiger and Yoav Lerman, [Shade maps for prioritizing municipal microclimatic action in hot climates: Learning from Tel Aviv-Yafo](#), *Sustainable Cities and Society* 53: 101931, 2020.
10. **Or Aleksandrowicz** and David Pearlmutter, [The significance of shade provision in reducing street-level summer heat stress in a hot Mediterranean climate](#), *Landscape and Urban Planning* 229: 104588, 2023.

11. **Or Aleksandrowicz**, Tanya Saroglou and David Pearlmutter, [Evaluation of summer mean radiant temperature simulation in ENVI-met in a hot Mediterranean climate](#), *Building and Environment* 245: 110881, 2023.
12. **Or Aleksandrowicz**, [Forget and rewrite. Unearthing the history of Manshiya/Neve Shalom](#), *architectura: Journal of the History of Architecture* 51(2): 202-223, 2024.
13. **Or Aleksandrowicz**, Daniel Rosenberg and David Pearlmutter, [Prioritising Street Shade Intensification to Support Pedestrian Accessibility to Public Transport: A Data-driven Approach](#), *Tehnicki glasnik/Technical Journal* 18(si1), 2024.
14. Elad Horn, **Or Aleksandrowicz**, Daniel Rosenberg and Ido Baum, [The Birth and Life of Buildings: High-Resolution Analysis of Historical Building Trends through the Digitised Municipal Archive of Tel Aviv-Yafo](#), *European Journal of Geography* 16(1), s45-s63, 2025.
15. Michelle Levenson, David Pearlmutter and **Or Aleksandrowicz**, [An observational analysis of shade-related pedestrian activity](#), *Buildings & Cities* 6(1): 398-414, 2025.
16. Omri Shafer-Raviv, **Or Aleksandrowicz**, Nick Howell and Daniel Rosenberg, [Building a Hebrew Textual Corpus on Construction, Planning and Architecture](#), *Language Resources and Evaluation*, 2025.

Published papers in Hebrew periodicals

17. **Or Aleksandrowicz**, [Kurkar, cement, Arabs, Jews: How to construct a Hebrew city](#) [in Hebrew], *Teorya U-Vikoret (Theory and Criticism)* 36: 61-87, 2010.
18. **Or Aleksandrowicz**, [Civilian demolition: The premeditated destruction of Manshiya neighborhood in Jaffa, 1948-1949](#) [in Hebrew], *Iyunim Bitkumat Israel (Studies in Israeli and Modern Jewish Society)* 23: 274-314, 2013.
19. **Or Aleksandrowicz**, [Paper boundaries: The erased history of the neighborhood of Neveh Shalom](#) [in Hebrew], *Teorya U-Vikoret (Theory and Criticism)* 41: 165-197, 2013.
20. **Or Aleksandrowicz**, [The Vanishing House: Jewish Pioneers and Historiographic Blindness in Northern Jaffa](#) [in Hebrew], *Cathedra* 156: 101-128, 2015.
21. **Or Aleksandrowicz**, [The facade of building: Exposed building envelope technologies in modern Israeli architecture](#) [in Hebrew], *Iyunim Bitkumat Israel (Studies in Israeli and Modern Jewish Society)* 31: 306-348, 2019.

15.2 Review papers

None.

15.3 Books

Monographs and textbooks (non-refereed)

1. **Or Aleksandrowicz** and Israel Architecture Archive, [Daring the Shutter: The Tel Aviv Idiom of Solar Protections](#), Public School Editions, Tel Aviv, 2015.
2. **Or Aleksandrowicz**, [From Within the Box: The Architecture of Bar Orian](#) [in Hebrew], Babel Publishers, Tel Aviv, 2024.

Edited Books (refereed)

3. Yosef Eliyahu Chelouche, [Between Jaffa and Tel Aviv, 1870-1930: A memoir](#), annotated English translation (including introduction) edited by Michelle U. Campos and **Or Aleksandrowicz**, Brandeis University Press, Waltham, MA, 2025.

Edited Books (non-refereed)

4. Yosef Eliyahu Chelouche, [Reminiscences of My Life](#) [in Hebrew], revised and annotated edition of the 1931 original edited by **Or Aleksandrowicz**, Babel Publishers, Tel Aviv, 2005.
5. [Poland and Palestine – two lands and two skies: Cracovian Jews in the photographs of Ze'ev Aleksandrowicz](#), edited by **Or Aleksandrowicz**, Galicia Jewish Museum, Krakow, 2012.

Chapters in books (refereed)

1. **Or Aleksandrowicz** and Samuel Giler, [The new gate of Jaffa during the late Ottoman period](#), in Aaron A. Burke, Kathrine Strange Burke, Martin Peilstöcker (eds.), *History and Archaeology of Jaffa 2*, Costen Institute of Archaeology, UCLA, pp. 175-186, 2017.
2. **Or Aleksandrowicz**, [The other side of climate: The unscientific nature of climatic architectural design in Israel](#), in Inbal Ben-Asher Gitler and Anat Geva (eds.), *Israel as a Modern Architectural Experimental Lab, 1948-1978*, Intellect Books, pp. 277-301, 2020.
3. **Or Aleksandrowicz**, [Facing the Sun: German-Speaking Émigrés and the Roots of Israeli Climatic Building Design](#), in Elana Shapira (ed.), *Designing Transformation*, Bloomsbury, London, 253-266, 2021.
4. **Or Aleksandrowicz**, [Mapping and management of urban shade assets: a novel approach for promoting climatic urban action](#), in Ansar Khan et al. (eds.), *Global Urban Heat Island Mitigation*, Elsevier, Amsterdam, 1-27, 2022.
5. Yoav Orion and **Or Aleksandrowicz**, [Street trees in Tel Aviv, 1909-1948: Competing ideals and the triumphs of climate](#), in Gadi Algazi, Roi Ball and Sagi Schaefer (eds.), *Entangled Woods/Verflochtene Waldgeschichten: Tel Aviver Jahrbuch für Deutsche Geschichte*, Wallstein Verlag, Göttingen, 2026.
6. **Or Aleksandrowicz**, Drawing the Line: Reshaping Spatial Distinctions and Historical Memory in Jaffa and Tel Aviv, in Anna Hofmann and Guy Rak (eds.), *History Takes Place: Tel Aviv*, JOVIS [forthcoming 2026].

Chapters in books (non-refereed)

7. **Or Aleksandrowicz**, That thing that we live in [in Hebrew], introduction to *Land City: Local Essays* by Esther Zandberg, Babel Publishers, Tel Aviv, pp. 11-16, 2012.
8. **Or Aleksandrowicz**, [No building has no end](#), in Erez Ella, Milana Gitzin-Adiram, Dan Handel (eds.), *Aircraft Carrier: American Ideas and Israeli Architecture after 1973*, Hatje Cantz, Ostfildern, Germany, 2012, pp. 52-61, 2012.
9. **Or Aleksandrowicz**, [A wish for destruction: The life and death of the Herzliya Gymnasium building](#) [in Hebrew], in Guy Raz (ed.), *Gymnasium Days: The Herzliya Hebrew Gymnasium, 1905-1959*, Eretz Israel Museum, Tel Aviv, pp. 26-47, 2013.
10. **Or Aleksandrowicz**, Afterword: a breath of non-intelligence [in Hebrew], postscript to the Hebrew edition of *The Architecture of the Well-Tempered Environment* by Reyner Banham, Babel Publishers, Tel Aviv, pp. 363-387, 2014.
11. **Or Aleksandrowicz**, [Deconstructing Reconstruction: Planung und Zerstörung in Jaffa und Tel Aviv um 1948](#) [in German], in Hanno Loewy and Hannes Sulzenbacher (eds.), *All about Tel Aviv-Jaffa: Die Erfindung einer Stadt*, Jüdisches Museum Hohenems, pp. 321-341, 2019.
12. **Or Aleksandrowicz**, [As if tomorrow would never come: a technological history of rural grain elevators in Israel](#) [in Hebrew], in Joseph P. Friedman and Tzachi Ostrovsky, *Israeli Silos*, pp. 65-100, 2019.

13. **Or Aleksandrowicz**, Using street- and neighbourhood-level shade maps for prioritising urban action on climate, in Regina Vetter (ed.), *Neighbourhood level cooling: Experiences from C40's Cool Cities Network*, pp. 8-9, C40, 2021.

Refereed papers in conference proceedings

1. **Or Aleksandrowicz** and Ardeshir Mahdavi, [Thermal performance analysis of central hall houses in the Israeli coastal plain](#), Proceedings of BauSIM 2012: 4th German-Austrian IBPSA (International Building Performance Simulation Association) Conference, pp. 13-22, 2012.
2. **Or Aleksandrowicz** and Ardeshir Mahdavi, [The impact of building climatology on architectural design: a simulation-assisted historical research of an Israeli case study](#), Proceedings of BS2015: 14th Conference of International Building Performance Simulation Association, pp. 2150-2157, 2015.
3. **Or Aleksandrowicz**, Claudia Yamu and Akkelies van Nes, The socio-spatial development of Jaffa-Tel Aviv: The emergence and fade-away of ethnic divisions and distinctions, Proceedings of SSS11: 11th International Space Syntax Symposium, 2017.
4. Jonathan Natanian, **Or Aleksandrowicz**, Articulation, space and sustainability: A report on diploma student projects at the Technion, Israel, Proceedings of PLEA 2017: 33rd International Conference on Passive Low Energy Architecture, 2017.
5. **Or Aleksandrowicz**, Shachar Zur, Yonatan Lebendiger, Yoav Lerman, Shade maps for climatically-aware urban design in Tel Aviv-Yafo, Proceedings of the 1st Regional Conference of the Cyprus Network for Urban Morphology (CyNUM), 2018.
6. **Or Aleksandrowicz** and Ezra Ozery, [A Parametric Tool for Outdoor Shade Design: Harnessing Quantitative Indices and Visual Feedback for Effective and Efficient Climatic Design of Streets](#), Proceedings of CAAD Futures 2023: Computer-Aided Architectural Design. INTERCONNECTIONS: Co-computing Beyond Boundaries, 2023.

Patents granted

None.

Research reports and other publications

Research reports

1. **Or Aleksandrowicz** and Abraham Yeziro, *Examination of the Thermal Performance of the Double Skin Façade at the First International Bank Tower* [in Hebrew], Center for Architecture Research and Development, the Technion, 2016.
2. **Or Aleksandrowicz**, *Cool Cities: Action Road Map for Tel Aviv-Yafo* [in Hebrew], Tel Aviv-Yafo Municipality, 2019.
3. **Or Aleksandrowicz**, Shachar Zur, Yonatan Lebendiger, Yoav Lerman, [Shade Maps and their Application for Shade Conservation and Intensification in Tel Aviv-Yafo](#) [in Hebrew], Tel Aviv-Yafo Municipality, 2019.
4. David Pearlmutter, **Or Aleksandrowicz** and Michelle Clark Levenson, *Development of an Integral Microclimatic Analysis Tool for Combating Urban Heating – Interim Report*, submitted to the Israel Science Foundation, 2021.
5. **Or Aleksandrowicz**, Shachar Zur, *Shade Maps and their Application for Shade Conservation and Intensification in Tel Aviv-Yafo – second part* [in Hebrew], Tel Aviv-Yafo Municipality, 2021.

6. Naama Shapira and **Or Aleksandrowicz**, [Review and analysis of methods for evaluating, quantifying and enhancing urban shade](#) [in Hebrew], submitted to Yad Hanadiv Foundation, 2024.
7. David Pearlmutter, **Or Aleksandrowicz**, Michelle Levenson, Morel Weisthal, Tanya Saroglou, Ayelet Eli-Av and Valeria Aynbinder, *Development of an integral microclimatic analysis tool for combating urban heating*, submitted to the Israel Science Foundation, 2024.
8. **Or Aleksandrowicz**, Naama Shapira, Michelle Levenson, Shachar Zur and David Pearlmutter, *Guidelines for Applying Quantitative Shade Indicators in Urban Planning in Israel* [[Hebrew](#) and [English](#)], submitted to Yad Hanadiv Foundation, 2024.
9. **Or Aleksandrowicz**, [Daniel Rosenberg](#) and David Pearlmutter, [Securing climatic accessibility to public transport? A data-driven approach to urban shading operations](#) [in Hebrew], submitted to the Environment and Sustainability Research Center, The Open University of Israel, 2024.
10. **Or Aleksandrowicz** and [Adi Elmaliah](#), *Setting urban design guidelines for choosing shading elements and paving materials for urban cooling* [in Hebrew], submitted to Tel Aviv-Yafo Municipality, 2025.

Other publications

1. **Or Aleksandrowicz**, A journey in the wake of a forgotten yesteryear, *Sharsheret Hadorot: Jewish Genealogy Research* 19(3): 14-19, 2005.
2. **Or Aleksandrowicz**, Kurkar, ciment, Arabes, Juifs: comment construit-on une ville hébraïque?, *Tsafon* 55: 21-60, 2008 [earlier and shorter version of the Hebrew publication under a similar name in *Teorya U-Vikoret*].
3. **Or Aleksandrowicz**, Khvoynik's balcony [in Hebrew], *Domus Israel* 2: 125-129, 2009.
4. **Or Aleksandrowicz**, [The great national tower, with its top in the sky](#) [in Hebrew], *Haaretz Tarbut VeSifrut Supplement*, 19.6.2009.
5. **Or Aleksandrowicz**, [Undelirious Tel Aviv](#) [in Hebrew], *Time Out Tel Aviv*, 15.7.2010.
6. **Or Aleksandrowicz**, [Any building has its end](#) [in Hebrew], *Alaxon*, 2014.
7. **Or Aleksandrowicz**, [Windy with little intelligence](#) [in Hebrew], *Alaxon*, 2014.
8. **Or Aleksandrowicz**, Milena Vuckovic, Kristina Kiesel, Ardeshir Mahdavi, Mitigating urban heat islands: Does research support the needs of policy makers? *International Association for Urban Climate Newsletter* 65, pp. 13-17, 2017.
9. **Or Aleksandrowicz** and Shachar Zur, Shade maps for climatic urban planning in Tel Aviv-Yafo [in Hebrew], *Landscape Architecture* 74: 35-38, 2020.
10. **Or Aleksandrowicz**, Jaffa-Tel Aviv border: from a municipal division line to a national border [in Hebrew], *Tel Aviv-Yafo, Bulletin of the Historical Society* 1: 13-15, 2021.
11. **Or Aleksandrowicz**, [The road to hell is intentionally paved](#) [in Hebrew], *Sfat Rehov: An Urban Magazine*, 2022.
12. Anna Shnaidman, **Or Aleksandrowicz**, Dariel Renn-Pony, Moshe Yaniv, Medad Hoze and Morel Weisthal, [Geo data-based policymaking: National Tree Canopy Cover Example](#), *FIG Working Week 2023*, 28 May–1 June 2023.

16. CONFERENCES

Plenary, keynote or invited talks

Outside Israel

1. **Or Aleksandrowicz**, Climate, health and nation building: German-speaking immigrants and the origins of Israeli bioclimatic design, *Designing Transformation:*

Jews and cultural identity in Central European Modernism (international symposium), Vienna, Austria, 16-17 May 2019 (invited talk).

2. **Or Aleksandrowicz**, Pretending to be poor: how Israeli architects covered up capital with exposed concrete, *Concrete and Power: A Tribute to Balkrishna Doshi (hybrid international symposium)*, Ahmedabad, India, 14 September 2023 (invited talk).

In Israel

3. **Or Aleksandrowicz**, Tools for microclimatic mapping in Israel, *Research and innovation in gardening symposium*, Ministry of Agriculture, Beit Dagan, 21 May 2018 (invited talk).
4. **Or Aleksandrowicz**, Shade maps and their application in climatic urban planning in Tel Aviv-Yafo, *the 47th annual conference on science and environment*, Tel Aviv, 19-20 June 2019 (invited talk).
5. **Or Aleksandrowicz**, You cannot kill a city in a single day: The civilian destruction of Manshiya, *Deletion does not make anything go away: Symposium on trauma and architecture in Israel*, Tel Aviv University, 13 November 2019 (invited talk).
6. **Or Aleksandrowicz**, Climate, health and nation building: The German origins of Jewish bioclimatic building design in British Palestine, *Bauhaus on the Carmel: Modern architectures and the challenge of co-existence in Haifa (The Avie and Sarah Arenson Built Heritage Research Center annual international symposium)*, Haifa, 28 November 2019 (invited talk).
7. **Or Aleksandrowicz**, [Technological growth and withering: The history of rural grain elevators in Israel](#), *ICOMOS (International Council on Monuments and Sites) Israel annual meeting*, online meeting, 3 December 2020 (keynote).
8. **Or Aleksandrowicz** and David Pearlmutter, [Shade, without a doubt: conclusions from an extensive climatic monitoring campaign in Tel Aviv](#), *the 49th annual conference on science and environment*, online conference, 7-8 July 2021 (invited talk).
9. **Or Aleksandrowicz**, [The war on mortar: exposure and concealment in the local art of building](#), *the 6th meeting of conservationist of the built heritage in Israel*, Zichron Yaakov, 24 August 2021 (keynote).
10. **Or Aleksandrowicz**, The common ground of urban shade: Shade and trees in Tel Aviv's Geddes Plan, *Networking the MENA workshop: Interregional architectural transfers in times of global transformation*, Jerusalem, 6-8 June 2022 (invited talk).
11. **Or Aleksandrowicz**, How to quantify shade? Data-driven methods to promote shading and street tree planting in Israeli cities, *Climatic Innovation: The 13th National Conference for Teachers on Environmental Sciences*, Haifa, 21 June 2023 (invited talk).
12. **Or Aleksandrowicz**, Shade does not grow on trees: New methods for quantifying, mapping and designing urban shade, *Reality Check: the annual conference of the Israeli Green Building Council*, Tel Aviv, 20 May 2024 (invited talk).
13. **Or Aleksandrowicz**, Daniel Rosenberg and David Pearlmutter, [Securing climatic accessibility to public transport? A data-driven approach to urban shading operations](#), *The Open University of Israel Conference for the Environment: Urbanity under sustainability*, Ra'anana, 10 September 2024 (invited talk).
14. **Or Aleksandrowicz**, [Werner Joseph Wittkower: A forgotten pioneer of Israeli building climatology](#), *The Wittkower brothers: Rudolf and Werner Josef*, Tel Aviv, 27 January 2025 (invited talk).

15. **Or Aleksandrowicz**, [The neighbourly relations that broke down: A non-dichotomous reading of "Parashat Hayai," the book by Yosef Eliyahu Chelouche](#), *Jaffa the Gateway to Eretz Israel*, Ono Academic College, Kiryat Ono, 5 February 2026 (invited talk).

Contributed talks and posters

(Unless indicated otherwise, all presentations are oral)

Outside Israel

16. **Or Aleksandrowicz**, Towards a reversible architecture, *7. Tage der Kultur- und Sozialanthropologie*, University of Vienna, Vienna, Austria, 24-25 May 2012.
17. **Or Aleksandrowicz** and Ardeshir Mahdavi, Thermal performance analysis of central hall houses in the Israeli coastal plain, *BauSIM 2012: 4th German-Austrian IBPSA (International Building Performance Simulation Association) Conference*, Berlin, Germany, 19-21 September 2012.
18. **Or Aleksandrowicz** and Ardeshir Mahdavi, The impact of building climatology on architectural design: a simulation-assisted historical research of an Israeli case study, *BS2015: 14th Conference of International Building Performance Simulation Association*, Hyderabad, India, 7-9 December 2015.
19. **Or Aleksandrowicz**, Claudia Yamu and Akkelies van Nes, The socio-spatial development of Jaffa-Tel Aviv: The emergence and fade-away of ethnic divisions and distinctions, *SSS11: 11th International Space Syntax Symposium*, Lisbon, Portugal, 3-7 July 2017.
20. **Or Aleksandrowicz**, Shachar Zur, Yonatan Lebendiger, Yoav Lerman, Shade maps for climatically-aware urban design in Tel Aviv-Yafo, *The 1st Regional Conference of the Cyprus Network for Urban Morphology (CyNUM)*, Nicosia, Cyprus, 16-18 May 2018.
21. **Or Aleksandrowicz**, Ornament in disguise: cultural tensions in exposed concrete application in Israel, *AFR 2021: 7th international Architectural Finishes Research Conference*, online international conference, online international conference, 14-15 January 2021.
22. **Or Aleksandrowicz**, Can Jews Living among Arabs become Hebrew? The Cultural and Spatial Marginalization of the Jews of Manshiya, *AIS 2021: 37th Annual Conference of the Association of Israel Studies*, online international conference, 7-9 June 2021.
23. **Or Aleksandrowicz**, David Pearlmutter and Soultana (Tanya) Saroglou, Urban summer shade under hot and arid conditions and the prospects of outdoor heat stress reduction: results of a large-scale monitoring campaign, online poster presentation at *2022 IAUC Virtual Poster Session*, online international conference, 30 August-1 September 2022.
24. **Or Aleksandrowicz** and Ezra Ozery, Kikayon 1.0: Bridging the microclimatic design gap using a parametric tool for designing and quantifying street-level outdoor shade, online poster presentation at *2022 IAUC Virtual Poster Session*, online international conference, 30 August-1 September 2022.
25. [Michelle Levenson](#), **Or Aleksandrowicz** and David Pearlmutter, Where the shadows lay: A shading analysis and microclimatic approach toward analyzing pedestrian and cyclist behavior, online poster presentation at *2022 IAUC Virtual Poster Session*, online international conference, 30 August-1 September 2022.
26. **Or Aleksandrowicz**, From stone to sand: The role of local raw materials in the modernized building of Palestine's coastal areas, *The Third NEHT Workshop 2022*, University of Vienna, Vienna, Austria, 8-10 September 2022.

27. **Or Aleksandrowicz** and Ezra Ozery, A Parametric Tool for Outdoor Shade Design: Harnessing Quantitative Indices and Visual Feedback for Effective and Efficient Climatic Design of Streets, *CAAD Futures 2023*, Delft, the Netherlands, 5-7 July 2023.
28. **Or Aleksandrowicz**, Morel Weisthal, Valeria Aynbinder and David Pearlmutter, The Urban Shade Assets Mapper (USAM): A high-resolution GIS analysis tool for outdoor shade calculation and mapping, *ICUC11: 11th International Conference on Urban Climate*, Sydney, Australia, 28 August-1 September 2023.
29. Michelle Levenson, David Pearlmutter and **Or Aleksandrowicz**, Where the Shadows Lay: A microclimatic shading analysis examining sidewalk users' behavior [poster], *ICUC 11: 11th International Conference on Urban Climate*, Sydney, Australia, 28 August-1 September 2023.
30. **Or Aleksandrowicz**, Daniel Rosenberg and David Pearlmutter, Optimising spatial climatic accessibility to public transport: a data-driven approach, *COBG/2024: Challenges and Opportunities in BIM - GIS integration*, Varazdin, Croatia, 17-19 June 2024.
31. Elad Horn and **Or Aleksandrowicz**, [The birth and life of buildings: High-resolution analysis of historical building trends through digitized municipal archives](#), *Spatial Humanities 2024: The 5th Spatial Humanities conference*, Bamberg, Germany, 25-27 September 2024.
32. **Or Aleksandrowicz**, [Shade maps, theory and practice: the basis of efficient and effective heat adaptation actions in cities](#), *EGU General Assembly 2025*, Vienna, Austria, 27 April-2 May 2025.
33. **Or Aleksandrowicz**, The blurriness of shade: Why are thermal comfort indices too precise for describing thermal ambiance?, *Shaping the Future of Living Places*, Lisbon, 3-4 July 2025.
34. **Or Aleksandrowicz**, Naama Shapira, Michelle C. Levenson, Shachar Zur and David Pearlmutter, [The Shade Availability Index: a new quantitative scale to support the design of shaded sidewalks and walking paths](#), *ICUC12: 12th International Conference on Urban Climate*, Rotterdam, 7-11 July 2025.
35. Motti Ruimy and **Or Aleksandrowicz**, [The complex interrelation of walking and thermal stress: Surprising results from large-scale pedestrian monitoring of a main street using machine vision](#), *ICUC12: 12th International Conference on Urban Climate*, Rotterdam, 7-11 July 2025.
36. Adi Elmaliah and **Or Aleksandrowicz**, [Performance-based evaluation of artificial shading systems for heat-stress relief in outdoor environments](#), *ICUC12: 12th International Conference on Urban Climate*, Rotterdam, 7-11 July 2025.
37. Julian Raffetseder, **Or Aleksandrowicz** and Sascha Roesler, [The challenges of solar governance in temperate-climate cities: the case of Vienna](#) [poster], *ICUC12: 12th International Conference on Urban Climate*, Rotterdam, 7-11 July 2025.
38. **Or Aleksandrowicz**, The heritage of shade: Understanding the combined effect of built and green morphologies on heat adaptability of 20th-century cities, *AHRA 2025: 22nd annual international conference of the Architectural Humanities Research Association*, Liverpool, 22-24 November 2025.
39. Hadar Porat and **Or Aleksandrowicz**, Fueling the Landscape: Colonial Energy and Cement in Mandate Palestine, *AHRA 2025: 22nd annual international conference of the Architectural Humanities Research Association*, Liverpool, 22-24 November 2025.

In Israel

40. **Or Aleksandrowicz**, Climate, health and nation building: The cultural roots of bioclimatic architecture in Israel, *The 5th annual Israeli conference on environmental history*, Tel Aviv, 21 January 2019.
41. **Elad Horn** and **Or Aleksandrowicz**, Changing Architectural Idioms under Real Estate Crisis: Tel Aviv-Yafo in the 1980s, *Fictitious capital: Postmodernism and the built environment (4th Avie and Sarah Arenson Built Heritage Research Center international symposium)*, Haifa, 24 March 2022.
42. **Or Aleksandrowicz** and Ezra Ozery, Development of a parametric tool for street shade design, *The 50th annual conference on science and environment*, Tel Aviv, 6-7 July 2022.
43. **Yoav Orion** and **Or Aleksandrowicz**, Street trees in Tel Aviv, 1909-1948: growing the climatic backbone of the city, *The 50th annual conference on science and environment*, Tel Aviv, 6-7 July 2022.
44. **Or Aleksandrowicz**, Morel Weisthal, Valeria Aynbinder and David Pearlmutter, Development of a GIS tool for high-resolution calculating and mapping of urban shade levels, *The 51st Annual Conference on Science and Environment*, Tel Aviv, 12-13 July 2023.
45. **Elad Horn**, **Or Aleksandrowicz** and **Daniel Rosenberg**, [How old is your building? A missing link in spatial humanities](#), *Digital Humanities and Social Sciences (DHSS) in Israel conference*, Tel Aviv, 21 May 2024.
46. **Or Aleksandrowicz**, **Daniel Rosenberg**, **Ivan Vasilev**, **Elad Horn** and **Yoav Orion**, [A new digital platform for overcoming current limitations in Geotagging and accessing large digital photo collections](#), *Digital Humanities and Social Sciences (DHSS) in Israel conference*, Tel Aviv, 21 May 2024.
47. **Or Aleksandrowicz**, **Naama Shapira**, **Michelle Levenson**, **Shachar Zur** and **David Pearlmutter**, The Shade Availability Index: A new quantitative index for determining street shading targets in Israel, *The 52nd Annual Conference on Science and Environment*, Be'er Sheva, 25-26 September 2024.
48. **Motti Ruimy** and **Or Aleksandrowicz**, Analysing a big dataset to empirically test the impact of climate on walking patterns on a main street, *The 52nd Annual Conference on Science and Environment*, Be'er Sheva, 25-26 September 2024.
49. **Or Aleksandrowicz**, **Daniel Rosenberg**, **Ivan Vasilev**, **Elad Horn** and **Yoav Orion**, Knowing the place: the challenge of geographic tagging of historical photography collections, *The 6th National Conference on cultural heritage conservation*, Haifa, 20 February 2025.
50. **Or Aleksandrowicz**, Urban resilience in near-border settlements in Israel: Where did the climate go?, *The Annual Conference of the Israel Planners Association*, Netivot, 27 March 2025.
51. **Or Aleksandrowicz**, **Omri Shafer-Raviv**, **Nick Howell** and **Daniel Rosenberg**, The language of building: curating a specialised Hebrew textual corpus on construction, planning and architecture, *The Israeli International Conference on Digital Humanities and Social Sciences*, Ra'anana, 10 June 2025.
52. **Or Aleksandrowicz**, Where does complexity appear in the climatic challenge of the city? *Cities and Complexity in Israel*, Tel Aviv-Yafo, 14 July 2025.
53. **Adi Elmaliah** and **Or Aleksandrowicz**, A systematic examination of heat load reduction under artificial shading devices, *The 65th Conference of the Israeli Geographical Association*, Be'er Sheva, 21 December 2025.

54. [Sivan Sharabi](#) and **Or Aleksandrowicz**, Shading the city: How complex is the estimation of street tree planting potential?, *The 65th Conference of the Israeli Geographical Association*, Be'er Sheva, 21 December 2025.

Participation in organizing conferences

Outside Israel

1. Member of the scientific committee of the *UHI 2023 - The 6th International Conference on Countermeasures to Urban Heat Islands conference*, RMIT University, Melbourne, Australia, 4-7 December 2023.
2. Session organizer with David Pearlmutter (co-organizer) on "[urban shade quantification and evaluation](#)", *ICUC 12: 12th International Conference on Urban Climate*, Rotterdam, 7-11 July 2025.

In Israel

3. Symposium organizer with Naama Shapira, Ofira Ayalon, Ronit Piso, Noa Shavit Gogol, and Shir Levanon on "Urban shade: Impediments and solutions", Samuel Neaman Institute, Haifa, 5 November 2025.
4. Session organizer with David Pearlmutter (co-organizer) on "Urban microclimate: Health, comfort and green infrastructure", *The 65th Conference of the Israeli Geographical Association*, Be'er Sheva, 21 December 2025.

Invited public talks

Outside Israel

1. A family affair: The unconventional Palestine photos of Ze'ev Aleksandrowicz, Vienna Jewish Museum, Austria, 19.12.2017.
2. [You cannot kill a city in a single day: The destruction of Manshiya](#), Jewish Museum Hohenems, Austria, 13.5.2019.
3. [Having another look: a personal reading into a handful of Frank Scholten's photos](#), Pakhuis de Zwijger Amsterdam, the Netherlands, 21.9.2022.
4. Urban AI for shade mapping, URBAN AI, online, 1.7.2025.

In Israel

5. The use of large-scale demolitions as a Modernist urban planning tool in Tel Aviv between the 1930s and the late 1980s, Summer school organized by ZEIT-Stiftung and Gerda Henkel Stiftung, Tel Aviv-Yafo, 23.9.2019.
6. Where did the 'New Gate' of Jaffa go?, Book launch evening organized by the Council for Conservation of Heritage Sites in Israel, Tel Aviv-Yafo, 5.12.2019.
7. Shade maps: A tool for promoting climatic urban planning in Tel Aviv-Yafo, Tel Aviv-Yafo Municipality, 26.12.2019.
8. Shade, temperature, and public space, The Israeli Green Building Council, Tel Aviv-Yafo, 29.10.2020.
9. Sun, sweat and tears: Why urban cooling is a matter of light and shade, TLV Rumble Hackathon by Microsoft and Lanez, online, 13.10.2021.
10. Cooling challenges in the urban environment: How to promote change?, Symposium on Urban Cooling, Forum 15, online, 14.12.2021.
11. Shade, trees and a city: development of methods for urban shade and urban forestry quantification, the National Program for Urban Cooling and Shade, Bat Yam, 29.3.2022.

12. Urban microclimate in Israel: talking much about, doing less?, The Israeli Green Building Council, Tel Aviv-Yafo, 5.4.2022.
13. Shade and tree mapping: a key to urban microclimate assessment in Israel, Israel Meteorological Service, online, 29.6.2022.
14. How many trees do you need to shade an entire city?, Symposium on Tree Shade in Municipalities, The Israeli Green Building Council, Tel Aviv-Yafo, 16.5.2023.
15. Quantifying Shade: A Key to Urban Afforestation in Hot Climates, The Israeli Green Building Council, Tel Aviv-Yafo, 31.7.2023.
16. Light and Shade: The application of shading indices in climatic urban design in Israel, The Israeli Green Building Council, online, 13.11.2024.
17. Why and how much hot is it: How to cool a city? Eilat-Eilat Regional Climate Conference, Eilat, 24.12.2024.
18. National shading: Challenges, impediments and progress trajectories, Yad Hanadiv, Hod Hasharon, 30.12.2024.
19. Heat stress and shading, The Eilat Citizens' Assembly, Eilat, 23.1.2025.
20. When only photos remain: Disappearing cities in the Frank Scholten Collection, Yad Ben Zvi, Jerusalem, 22.7.2025.

17. Notes

Media coverage of my work

1. Michael Jacobson, [Ivory towers of glass and air conditioning: the scorching climate does not concern Israeli architects](#) [in Hebrew], *Xnet*, 4.7.2015.
2. Esther Zandberg, [A first-of-its-kind study examines how to improve shade in Tel Aviv](#) [in Hebrew], *Haaretz*, 23.1.2019.
3. Ilan Itzhayek, [Our barns are filled with grain and crenels: a documentation journey of abandoned grain elevators in Israel](#) [in Hebrew], *Xnet*, 6.10.2019.
4. Avraham Balaban, [Not Mashrabiya's – sun breakers](#) [in Hebrew], *Haaretz*, 25.12.2019.
5. Dana Frank, [You cannot do away with air conditioning](#) [in Hebrew], *Hayot Kis Podcast, Israeli Public Broadcasting Corporation*, 26.8.2020.
6. On Dagan, [How to cool cities?](#) [in Hebrew], *Hakol Sviva, Israeli Public Broadcasting Corporation*, 19.4.2021.
7. Matan Jacob, [A country under the sun: why there is so little shade in Israel?](#) [in Hebrew], *Channel 12 News*, 1.8.2021.
8. Asaf Zagrizak, [Heat breaks records, and passengers are boiling at the stops and in the buses](#) [in Hebrew], *ynet*, 1.8.2021.
9. Shani Ashkenazi, ["In Israel they gave up on public space": urban planners ignore the climate crisis, the people will pay the high price](#) [in Hebrew], *Globes*, 7.5.2022.
10. Amnon Direktor, [European heat waves: "climate shelters" set up in Barcelona](#) [in Hebrew], *ynet*, 22.7.2022.
11. Peter Yeung, [Tel Aviv has shade down to a science, reasons to be cheerful](#), 16.8.2022.
12. Ofer Aderet, [When camels and bears roamed Tel Aviv: See the city in rare, century-old photos](#), *Haaretz*, 22.5.2023.
13. Hili Keren, [Drying out on a shadeless bus station](#) [in Hebrew], *Saving Program, Channel 12 News*, 30.7.2023.
14. Naama Riba, [The new light rail is finally on its way, but has anyone thought of the passengers?](#) [in Hebrew], *Haaretz*, 8.8.2023.
15. Naama Riba, [In the new parks in Tel Aviv you relax under a tree, but the streets are hot from the sun](#) [in Hebrew], *Haaretz*, 3.10.2023.

16. Lior Bakalu, "[We are like Shawarma](#)": The revolution that would change neighbourhoods in Israel [in Hebrew], *N12*, 18.7.2024.
17. Ruhama Lev, City shade [in Hebrew], *Kol Hashavua (Hapeles weekend supplement)*, 16.8.2024.
18. Amnon Direktor, [It has the force](#) [in Hebrew], *Haaretz*, 18.8.2024.
19. Yuval Avivi and Maya Sela, [Interview about my book "From within the box: The architecture of Bar Orian"](#) [in Hebrew], *Ma SheKarukh, Israeli Public Broadcasting Corporation*, 29.9.2024.
20. Amnon Direktor, [From the renewal of Tel Aviv's center to a grandiose overhaul of Dizengoff Center: The Bar Orian era gets a broad exposure in a new book](#) [in Hebrew], *ynet*, 30.10.2024.
21. Lior Bakalu, [Walking without sweating: The weapon against urban heat – and its high cost](#), [in Hebrew], *N12*, 13.2.2025.
22. Hubert Beroche, [Designing shade](#), *Medium*, 29.5.2025.
23. Avraham Balaban, [Whispering embers that turned into a fire: The dignity restored to the balcony in the houses of Bar Orian](#) [in Hebrew], *Haaretz*, 14.7.2025.
24. Naama Riba, [When will they start treating shade as infrastructure like sewage or electricity?](#) [in Hebrew], *Haaretz*, 27.7.2025.
25. Tamar Herman and Yoram Kalman, [Heat in the built environment](#) [in Hebrew], *Adraba Podcast, Galei Zahal*, 31.8.2025.