

5 March 2021

YODAN Y. ROFÈ - CURRICULUM VITAE AND LIST OF PUBLICATIONS

Date and place of birth: April 28, 1958, Jerusalem, Israel

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• Education

B. Des. 1982-1989 - Bezalel Academy of Art and Design, Jerusalem, Department of Environmental Design.

M. Arch. 1990-1992 – University of California at Berkeley, Faculty of Architecture.

Ph.D. 1992-1997 – University of California at Berkeley, Faculty of City and Regional Planning.

• Employment History

2018- Senior Lecturer, Tenured, Department of Geography and Environmental Planning, Ben-Gurion University of the Negev.

2017 Adjunct Senior Lecturer, Institute for Urban and Regional Studies, Hebrew University.

2015-18 Senior Lecturer, Joint appointment, Department of Geography and Environmental Planning, Ben-Gurion University of the Negev.

2010-11 Visiting Associate Professor, Urban and Regional Planning Program, Taubman College of Architecture and Planning, University of Michigan, Ann Arbor.

2007-18 Senior Lecturer, Tenured, “Bona Terra” Department of Man in the Desert, Jacob Blaustein Institutes for Desert Research, Ben-Gurion University of the Negev.

2005 - 07 Lecturer, Department of Man in the Desert, Jacob Blaustein Institutes for Desert Research, Ben-Gurion University of the Negev.

2004 - 05 Researcher, Department of Man in the Desert, Jacob Blaustein Institutes for Desert Research, Ben-Gurion University of the Negev.

2003- 10 Adjunct Lecturer, Azrieli School of Architecture and Porter School of Environmental Studies, Tel-Aviv University

2001- 05 Urban Design Consultant, NTA – Urban Transport Lines.

1999- 2003 Head of Urban Design Section, Chief Architect’s Office, Ministry of Construction and Housing.

1997- 2000 Coordinator, Second Year Studio, Department of Landscape Architecture, Faculty of Architecture and Town Planning, Technion, Haifa.

1997-98 Lady Davis Post-doctoral Fellow, Dept. of Architecture and City Planning, Technion, Haifa

1996-98 Guest Lecturer, Faculty of Architecture, Bezalel - Academy of Art and Design.

1996-97 Architectural Design Instructor, Dept. of Architecture, Technion, Israel Institute of Technology

1995-96 Teaching assistant, Dept. of City and Regional Planning, University of California at Berkeley

- 1994 Visiting Lecturer, Dept. of Sociology and Social Welfare, California State University, Hayward
- 1992-97 Research Associate, Institute of Urban and Regional Development, University of California at Berkeley
- 1991-92 Teaching assistant, Dept. of Architecture, University of California at Berkeley
- 1991-92 Research Assistant, Dept. of Architecture, University of California at Berkeley
- 1986-90 Project architect, Saadia Mandl Architects, Tel-Aviv - Jaffa, Israel

• Professional Activities

(a) Positions in academic administration

- 2020 Member of Organizing Committee, Portland Urban Architecture Research Laboratory (PUARL) and Building Beauty (BB) Online International Symposium, 18-19 September, 2020.
- 2019 Member of ISF Geography and Urban Studies Review Committee.
- 2018 Member of International Academic Program Committee, Portland Urban Architecture Research Laboratory (PUARL) International Conference, University of Oregon, Portland, 26-28 October, 2018.
- 2017- Course Director, Building Beauty – Ecologic Design and Construction Process, Associazione Culturale Building Beauty, Sant’Anna Institute, Sorrento
- 2018- Member, Human Subjects Research Committee, Ben-Gurion University of the Negev.
- 2016-18 Chair, “Bona Terra” Department of Man in the Desert”, Switzerland Institute for Drylands Environmental and Energy Research, Ben-Gurion University of the Negev.
- 2016 Member of International Academic Program Committee, Portland Urban Architecture Research Laboratory (PUARL) International Conference, University of San Francisco, 28-30 October, 2016.
- 2016 Member of Scientific Committee, “Designing Urban Design”, International Symposium of Urban Design, METU Urban Design 20th Anniversary, 4-5 October 2016, Ankara.
- 2015- Research Fellow and Head of Participatory Planning Workshop, Negev Center for Sustainability, BGU.
- 2014 - 16 Chair, Teaching Committee, Environmental Studies Concentration, and member of Managing Committee, Albert Katz International School for Desert Studies (AKIS).
- 2013-14 Member of Teaching Committee, Environmental Studies Concentration, Albert Katz International School for Desert Studies (AKIS).
- 2011 Organizer and Head of Scientific Committee, Public Open Spaces in the Sustainable City, Research Workshop of the Israel Science Foundation, December 2011.
- 2009 Member of Scientific Committee, Ecocity World Summit 2009, Istanbul

- 2008 Member of the Scientific Committee, Ran Naor Center for Human Factors in Road Safety Research, Ben-Gurion University
- 2008 Member of the Scientific Committee, 17th Congress of the Italian Society for Transportation Infrastructures, Università Kore, Enna, Sicily.
- 2008-10 Member of the Environmental Studies Program Teaching Committee, AKIS.
- 2005-06 Member of Teaching Committee, Man in the Desert Specialization, AKIS.
- 2004 Academic Coordinator, Professional Advancement Course in Sustainable Development for local authorities, The Heschel Center of Environmental Learning and Leadership. (With Lia Etingher and Orli Ronen), Tel-Aviv - Jaffa
- 1997- 2000 Coordinator, Second Year Studio, Landscape Architecture Program, Dept. of Architecture, Technion, Haifa
- 1993-94 Business Manager, Berkeley Planning Journal, Department of City and Regional Planning, University of California at Berkeley

(b) Professional functions outside universities/institutions

- 2016 Co-chair with Engineer Moshe Hirsch of the Movement in Cities Group, National Council for Urbanism, Ministry of Construction and Housing and JDC Israel, The Institute for Leadership and Governance.
- 2015 Member of the Academic Committee, The Akko Convention on Urbanism, Akko, 17-19 November 2015.
- 2015 Member of Scientific Committee, Academic Session, Future of Places Conference: Public Space in the Urban Agenda, Stockholm, June 29-July 1, 2015.
- 2014-15 Member of working group, Urban Sustainability, Jerusalem Institute for Israel Studies.
- 2014 Member of Scientific Committee, Academic Session, Future of Places Conference: Streets as Public Spaces, Buenos Aires, September 1-3, 2014.
- 2013-15 Member of Steering Committee, Guidelines for Sustainable Neighborhoods, Israel Green Building Council.
- 2012-14 Member of Research Group, Euro Med Project WEALTH, Local Sustainable Economic Development
- 2011-12 Consultant, Strategy for Intensive Urbanism, Sustainable Outlook for Israel 2030, Jerusalem Institute for Israel Studies.
- 2011- Member of Consultant Team, Israeli Mayors Institute on Urban Renewal: The institute is an initiative of MIU with the aim of educating Israeli Mayors about city planning and urban design.
- 2011 Coordinator, Planning Workshop: Transit Oriented Development around Ashkelon's Railroad Station, with Daniel Gat. Workshop organized as part of MIU Conference, The City as an Engine of Economic Growth, Ashkelon, November, 2011.
- 2010 Coordinator, Urban Development around Railroad Stations, with D. Gat and S. Meital, Mossad Shmuel Neeman, Technion, Haifa, March, 3.

- 2009 Coordinator, Around the Railroad – Transit Oriented Development as a Lever for Sustainable Development of the Negev and the Galillea, with Daniel Gat, Sapir Academic College, March, 6.
- 2008 Program Coordinator, Third Congress of the Movement for Israeli Urbanism, Bat-Yam, 2008: The Quality of Density.
- 2007 Coordinator, Urban Lab – Creating Living Urban Spaces, with C. Andrews, S. Ingham, M. Mehaffy, K. Pontikis, E. Tumlin, Building Process Alliance at Congress for New Urbanism XV, Philadelphia, May 2007.
- 2006 Program Coordinator, Second Congress of the Movement for Israeli Urbanism. Haifa, 2006: City Action – Tools and Workshops for Urban Renaissance in Israel.
- 2005 Program Coordinator, First Congress of the Movement for Israeli Urbanism. Beer-Sheva, 2005: "The Need and the Tools for Urban Renaissance in Israel. The conference included two plenary sessions with international guests and 9 parallel sessions. Over 300 professionals, academics and students attended.
- 2004-05 Program Coordinator, International Workshop - The Tel-Aviv Metropolitan Area Mass Transit System Master Plan, NTA – Urban Transport Lines
- 2003 Member of Inter-Ministerial Committee for Ground Water Conservation in Development and Construction
- 2003 Coordinator of joint Ministry of Construction and Housing, Ministry of Agriculture and Ministry of Environment project: Handbook for Ground Water Conservation in Development and Construction
- 2002- Coordinator of joint Ministry of Construction and Housing and Ministry of Transportation project: Urban Street Design Guidelines
- 2002-03 Member of National Planning Council Sub-committee for New Parking Standards for Israel
- 2001-03 Member of Steering Committee, Ministry of the Environment Local Agenda 21 Project.
- 2000-03 Project Coordinator, Ministry of Construction and Housing, New Tariffs for City Planning
- 1999-2003 Urban Design Supervisor for the Jerusalem, Central and Southern districts of Ministry of Construction and Housing, among plans supervised:
- Ramot C, Beer-Sheva: a new sustainable urban quarter of 15,000 units featuring transit oriented development, traffic calming, and ground water conservation.
 - Arad, Section 5: Two new neighborhoods totaling circa 5,000 housing units.
 - North Sderot, structural plan for the northern extension to Sderot, 4,000 units.
 - Ariel City Center: a mixed quarter including 400 housing units and central business district.
 - Har Homa B, Jerusalem.
 - Maale Edumim E1, structural plan and two detailed plans.
- 1999-2003 Member of Inter-Ministerial Steering Committee for the following master and structural plans:
- Dimona

- Sderot
 - Ofakim
 - Netivot
 - Zeev – Quarter of Beer-Sheva.
- 1999-2003 Research coordinator in Architecture and Urban Design at the Ministry of Construction and Housing, Israel
- 1999-2003 Chair of steering committees of the following research projects:
- A GIS system for tracking changes to the built fabric of a neighborhood
 - Water conservation in urban development
 - A new structure for the planning system of Israel
 - Urban design supplements and their use in the planning process
 - Heat islands in various Israeli cities
 - The effect of traffic calming measures on speed and accidents in residential neighborhoods.
 - Urban drainage design guidelines
- 1999-2003 Member of steering committees for Ministry of Transportation Design Guidelines:
- Traffic calming
 - Urban street signs
 - Roundabouts
 - Street bumps
 - School bus terminals
 - Pedestrian and bicycle paths
- 1999-2003 Coordinator - Architects and Planners for Sustainability Group, The Heschel Center for Environmental Learning and Leadership:
- Member of expert committee, Israel National Lottery support for local environmental projects - survey of local authority needs and preferences.
 - Consulting municipalities in the Local Agenda 21 process.
 - Seminars on sustainable construction, sustainability in the rural sector of Israel, high buildings, and traffic calming.
 - Lecture series on sustainable city planning.
 - Coordinator, International Urban Design Workshop, Florio Tunnery, Favignana, Sicily (with Prof. P. Ceccarelli, and City Planner M. Marino)
 - Editor, Amud, Newsletter of Architects and Planners for Sustainability Group.
- (c) Significant professional consulting
- 2010-13 Bat Yam Transportation Master Plan, urban design consultant with emphasis on the pedestrian realm and safety
- 2010 Yeruham City Center Renewal, Head of a multi-disciplinary team in a successful proposal prepared for the city for funds from the Ministry of the Interior
- 2005-06 General Plan for Villabate, Sicily with Urban Planner Marina Marino
- 2001-06 Urban Design Consultant, NTA – Urban Transport Lines. Urban integration of the Tel-Aviv Metropolitan Area light-rail system: Red line and Master Plan.
- 2002 - 04 Detailed Plan for Ortigia - the city center of Syracuse, Sicily, with M. Marino

- 2002 - 03 Urban rehabilitation program (URBAN II) for the town of Bagheria – program financed by the Italian ministry of public works, with Eurotekno, Palermo, Sicily.
- 2001 Industrial zone detailed plan for the city of Piana degli Albanesi, with M. Marino and S. Balistreri, Palermo, Sicily.
- 1998 - 2000 Program for urban rehabilitation and sustainable development (PRUSST) for the Alto-Belice Corleonese territorial pact – program financed by the Italian Ministry of Public Works, with Eurotekno, Palermo, Sicily.

(d) Editor or member of editorial board of scientific or professional journal

- 2007- *Journal of Urbanism*, member of editorial board.
2019- *Sustainable Mediterranean Construction*, member of Scientific Committee

1994-96 Member of editorial board – *Berkeley Planning Journal*, Vol. 9-10.

(e) Ad-hoc reviewer for journals

Accident Analysis and Prevention
Annals of the American Association of Geographers
Cities
Environment and Planning A: Economy and Space
Geographical Analysis
International Journal of Geographical Information Science
Journal of Planning Education and Research
Journal of Urban Design
Journal of Urbanism
Land Use Policy
Physica A
Proceedings of the ICE - Urban Design and Planning.
Sustainable Cities and Society
Sustainable Transportation
Sustainability
Transport Policy
Transport Reviews
אופקים בגאוגרפיה Horizons in Geography
תכנון Planning

(f) Membership in professional/scientific societies

- 2016- Association of United Architects in Israel (עמותת אדריכלים מאוחדים בישראל)
2014- MIU – Movement for Israeli Urbanism (מרחב- התנועה לעירוניות בישראל)
2013- Placemaking Leadership Council, Project for Public Spaces (PPS)
2012-14 International Society for Urban Form (ISUF)
2011-14 The Israel Society of Ecology and Environmental Sciences
2011-15 Sustasis Foundation, Portland OR, Board Member
2009-11 Congress of New Urbanism (CNU)
2009-11 Environmental Design Research Association (EDRA)
2008- Israel Union of Planners

2007-	European DesertNet, now DesertNet International
2006-	Environmental Structure Research Group
2006-11	Founder and Board Member, Building Process Alliance
2004-13	Founder and Board Member, MIU – Movement for Israeli Urbanism
1999-	The Heschel Center for Environmental Learning and Leadership
1997-	Registered architect, Israel.
1994-96	Environmental Design Research Association

• **Educational activities**

(a) Courses taught

2017-	“The Nature of Order”, Reading and Theoretical Seminar on C. Alexander’s thought and practice, Building Beauty, Sant’Anna Institute, Sorrento. With Arch. S. Ingham and Arch. C. Andrews.
2017-19	Design and Construction Studio, Building Beauty, Sant’Anna Institute, Sorrento. With Arch. Paolo Robazza.
2017	“Principles of Urban Design”, Masters, Institute for Urban and Regional Studies, Hebrew University, Jerusalem.
2015-	"Theory and Methods of Participatory Planning", Masters, Department of Geography and Environmental Development, Ben Gurion University.
2014-	"Environmental Studies Seminar", coordinator, The Albert Katz School for Desert Studies, Ben-Gurion University of the Negev.
2014	“Rehabilitation of the Port-City System”, Advanced Training Course in Sustainable Development of Port Areas, Project SEAPORT, Research and Technological Innovation Consortium, Naval, Commercial and Recreation Transport in Sicily (NAVTEC), Univesity of Catania.
2013	“Sustainable Form Languages and their application to a Desert Environment”, Masters, taught with Prof. Kyriakos Pontikis, California State University, Northridge, AKIS, BGU.
2010-11	“Physical Planning Workshop”, Masters, Urban Planning Program, Taubman College of Architecture and Urban Planning, University of Michigan
2008	“Evaluating the quality of urban streets”, Master in Road Quality Management, Kore University of Enna, Sicily.
2008 -	"Urban Design Workshop", Masters, Department of Geography and Environmental Development, Ben Gurion University.
2007 -	"An Introduction to Urban Design", Masters, Department of Geography and Environmental Development, Ben Gurion University.
2007 - 16	"The Nature of Order: The Phenomenon of Life", interdisciplinary graduate seminar, The Albert Katz School for Desert Studies, Ben-Gurion University of the Negev.
2007 -	"Analysis of Urban Spaces and Places", Masters, Geography Department, Ben-Gurion University of the Negev.

- 2005 - "Neighborhood and Settlement Patterns in the Negev", Masters, The Albert Katz School for Desert Studies, Ben-Gurion University of the Negev.
- 2005 - "The Sustainable City: planning, urban design and architecture", Masters, The Albert Katz School for Desert Studies, Ben-Gurion University of the Negev.
- 2005 - 06 "History and Theory of City Planning and Urban Design", Bachelors, Tel-Aviv University, School of Architecture.
- 2003 – 09 "The Sustainable City: planning, urban design and architecture", Bachelors, Tel-Aviv University, School of Architecture and School of Environmental Studies.
- 1997 – 2000 "Site Planning", Bachelors, Landscape Architecture Program, Dept. of Architecture, Technion, Haifa, (with E. Rosenberg and R. Lovinger,).
- 1997 – 2000 "Neighborhood Public Space Design", Bachelors, Landscape Architecture Program, Dept. of Architecture, Technion, Haifa, (with A. Misgav).
- 1996 – 98 "The Idea of Neighborhood in Urban Theory and City Planning", Bachelors, Faculty of Architecture, Bezalel - Academy of Art and Design, Jerusalem
- 1996 – 97 "Architectural Design Studio", Bachelors, Dept. of Architecture, Technion, Technion
- 1996 "History and Theory of Urban Form", Masters, Dept. of City and Regional Planning, UC Berkeley (with A. Jacobs)
- 1996 "Introductory Planning Studio", Masters, Dept. of City and Regional Planning, UC Berkeley (assistant to P. Bosselman)
- 1994 "Social Ecology – The neighborhood," Bachelors, California State University, Hayward.
- 1991 – 92 "The Nature of Order," Bachelors, Dept. of Architecture, UC Berkeley. (assistant to C. Alexander)

(b) Research students – dates in parentheses indicate estimated completion

- W. Yue M.A (2008) Alfred Katz International School for Desert Studies (AKIS), BGU Topic: How do the open space and climate influence human activity in desert regions?
- S. Sultan M.A. (2008) AKIS, BGU. Topic: The Effects of New Forms of Retail on Shopping Behavior in a Growing City: a case study of Aqaba, Jordan (supervised with Y. Garb).
- G. Yerushalmi M.A. (2010) Porter School of Environmental Studies, TAU Topic: The Pedestrian Realm in Central Cities in Israel: Conditions, Effects and Potential for Improvement (supervised with M. Margalit).
- G. Feierstein M.Sc. (2010) AKIS, BGU. Topic: Open Spaces in a Desert City: Is Green really Green?
- S. Bass-Spektor M.A (2010) AKIS, BGU. Topic: Cities for Climate Protection Initiative in Israel: Analysis of the Obstacles and Opportunities for Abatement of Greenhouse Gas Emissions by Local Governments (supervised with A. Tal).
- I. Zarhin M.Sc. (2010) AKIS, BGU. Topic: The experience of open spaces in different climate zones in Israel.

- H. Saggie M.A. (2012) AKIS, BGU. Topic: Place attachment and the perception of environmental services in cross-border Arava Valley communities.(Supervised with A. Morris).
- I. Kaplan M.A. (2012) AKIS, BGU. Topic: Community gardens of Israel: An Evaluation of their Characteristics and Implementation on the Community Level (Supervised with A. Tal).
- Y. Rosner-Manor M.A. (2013) AKIS, BGU. Topic: Patterns of planning, building and settlement of Bedouin informal villages in the Negev. (Supervised with S. Abu-Rabia-Quader)
- José Xilotl M.A (2013) AKIS, BGU. Topic: Is Eilat – Aqaba developing into a bi-national city? An empirical and theoretical exploration
- T. Pashtan M.A. (2014) Porter School of Environmental Studies, TAU. Topic: Green Neighborhood Developments in Israel: Identifying the Drivers and Barriers for Growth (Supervised with J. Hornik).
- Y. Cohen M.A (2014) AKIS, BGU. Topic: Urban design quality and pedestrian movement with emphasis on elderly and children.
- Rani Mandelbaum M.A. (2015) Department of Geography and Environmental Development, BGU. Topic: The impact of urban design on quality of life in “towers in the park” neighborhoods: the use of public open spaces. (Supervised with N. Alfasi).
- Natalia Mednik M.A (2015) AKIS, BGU, Topic: Transportation accessibility and equity in the Beer-Sheva Metropolitan Area.
- Fabio Sheinkman M.A (2015) AKIS, BGU, Topic: Perceptions of ecosystem services in a socially and ethnically diverse town in the Negev.
- Noa Ruf M.A. (2015) Department of Geography and Environmental Development, BGU. Topic: The relationship between neighborhood walkability and sense of attachment and safety in elderly women residents (Supervised with N. Alfasi).
- Rina Magen M.A (2016) Porter School of Environmental Studies, TAU. Topic: The influence of urban spatial and functional structure on pedestrian movement patterns and neighborhood social ties (supervised with I. Omer).
- Keren Shalev M.A (2016) AKIS, BGU, Topic: Evolution of rural settlement in the Negev - A typological analysis (supervised with I. Meir).
- Noah Tal M.A (2016) Porter School of Environmental Studies, TAU. Topic: Environmental evaluation of Bedouin unrecognized settlement and new towns (Supervised with A. Gasith and O. Potcher).
- Isaac Dima Aksen M.A (2017) Department of Geography and Environmental Development, BGU. Topic: Urban agriculture and spatial planning in Israel.
- Alexandru Nuremberg M.A (2017) Department of Geography and Environmental Development, BGU. Topic: Implementation of Transit Oriented Development Principles: Beer-Sheva Train Stations as Case Studies.
- Amitai Refael Shnizik M.A (2018) Department of Geography and Environmental Development, BGU. Topic: The building blocks of the street: towards a rule based and code based planning.
- Amalia JM Inkeles M.A (2018) AKIS, BGU. Topic: Necessities, Obstacles, and Parameters of Greywater Treatment in Informal Bedouin Villages (supervised with C. Lipchin).
- Hashem Sayed M.A (2019) AKIS, BGU. Topic: Sense of place and place attachment among the Bedouin of Mitzpeh Ramon and Wadi Aricha.

Tom Masinde	M.Sc. (2020) AKIS, BGU Topic: Water and Sewage Infrastructure in Informal Housing Areas in Nairobi, Kenya (supervised with I. Meir).
Galit Pereg	M.A (2020) Department of Geography and Environmental Development, BGU. Topic: Considering Women's Point of View in the Planning Processes of Informal Bedouin Settlements in the Negev.
Eyal Hattav	M.A (2020) Dept. of Geography and Environmental Development, BGU. Topic: Urban Stadiums: their evolution and role.
Noa Joelson	M.A (2020) Dept. of Geography and Environmental Development, BGU. Topic: What separates the rural from the suburban? On rural character in Jewish settlements in Israel in an era of renewal.
Y. Rosner-Manor	Ph.D. (2019) AKIS, BGU, Topic: Can we develop informal places without destroying the unique and delicate qualities of the unplanned.
Michal Bitterman	Ph.D (2020) AKIS, BGU, Topic: Peace Parks in the Strategic Sustainable Development Lens as a Vehicle to Promoting Conflict Resolution
Keren Shalev	Ph.D. (2021) AKIS, BGU, Topic: Spatial Structure and Social Life in Extension Neighborhoods on Rural Settlements in Israel (supervised with I. Meir).
Rina Magen	Ph.D. (2021) Porter School for Environmental Studies, TAU. Topic: The location and typology of public open spaces and their contribution to urban vitality (supervised with I. Omer).
Francisco Achwoka	Ph.D. (2022) AKIS, BGU, Topic: Equity Implication of Transportation Policy in Nairobi, Kenya (supervised with I. Meir).
Irit Porat	Ph.D. (2023) Guilford Glaser Faculty of Management, BGU. Topic: Municipal Management and Enforcement Strategies for Urban Quality of Life (supervised with Fany Yuval).
Amitai Rafael-Shnizik	Ph.D (2024) Department of Geography and Environmental Development, BGU. Topic: Designing Streetscape for Public Mental Health.
Amelia Rosenberg-Weinrib	Post-doctorate (2009-10), J.Blaustein Institutes for Desert Research, BGU. Topic: Ethnographic and empirical study of space, place and landscape in a small desert town (supervised with Y. Garb).

• Awards, Citations, Honors, Fellowships

(a) Honors, Citation Awards

2015	The President of Israel Fellowship for Innovation and Academic Excellence: Yaara Rosner-Manor for her research on the unique qualities of the Bedouin informal settlements, and their protection in the process of recognition and development.
2015	The Smaller-Winikow Scholarship for Environmental Research: Noah Tal for her research on the environmental impacts of the unrecognized Bedouin settlements.
2014	First Prize for Student Thesis in Planning, Israel Union of Planners: Yaara Rosner-Manor, <i>Spatial Patterns of Bedouin Unrecognized Settlements: the case of Kasser a-Sir</i> .
2011	Architecture of Israel Award for Research, with: D.Pearlmutter, E. Erell, Y. Etzion and I. Meir, <i>Design Manual for Bio-Climatic Construction in Israel</i> , e-book, Israel Ministry of Energy and Infrastructure.
2011	First Prize for Student Thesis in Planning, Israel Union of Planners: Gabriela Feierstein, <i>Open Spaces in a Desert City: Is Green really Green?</i>
2010	The Israel Society of Ecology and Environmental Science Annual Conference, June, 2010. Eitan Shpitzer Prize for Best Student Research on Air Pollution: Bass-Spektor S., Rofè Y. and Tal A. (2010) <i>The Forum 15 Convention for Reduction of</i>

- Air Pollution and Climate Protection – Evaluating the Influence of Urban, Economical, and Socio-Political Factors on Implementation.*
- 2010 Nominated for Best Paper Award in 2009 by the Royal Institute for Civil Engineers: “Building Liveable Major Urban Streets: Begin Rd. in Tel-Aviv” (jointly with R. Ishaq).
- 2002 ForeWord Magazine Book of the Year Awards – Silver Award Winner for Architecture: *The Boulevard Book: History, Evolution, Design of Multi-way Boulevards*, (jointly with A. Jacobs and E. Macdonald).

(b) Fellowships

- 2013 Fellow, Shaharit Institute, Tel-Aviv.
- 2007-08 Senior Research Fellow, BRM Institute for Technology and Society, Tel-Aviv University.
- 1997-98 Lady-Davis Post-Doctoral Fellowship, Technion, Israel Institute of Technology.
- 1997 Graham Foundation Fellowship for the completion of research on boulevards (jointly with A. Jacobs and E. Macdonald).
- 1993-94 University of California Graduate Fellowship.
- 1992-93 Gadsby-Trugett Fellowship for interdisciplinary studies in Environmental Design, University of California, Berkeley, College of Environmental Design.

• **Scientific Publications**

H-index: 8 (ISI), 13 (GS)
Total citations: 269 (ISI), 886 (GS)
Citations without self-cites:

(a) Authored books

1. Jacobs, A., E. Macdonald and **Y. Rofè**, (2002) *The Boulevard Book: History, Evolution, Future of Multi-Way Boulevards*, Cambridge, Mass.: MIT Press. 257 pages. (175 citations in Google Scholar). Reviewed in:
 - Tobón, C., Burton, E., Dodge, M., & Clout, H. (2002). Reviews: Geographic Data Mining and Knowledge Discovery, Sustainable Communities in Europe, Technospaces: Inside the New Media, the Boulevard Book: History, Evolution, Design of Multiway Boulevards. *Environment and Planning B: Planning and Design*, 29(6), 933-938.
 - Gordon, D. (2003). The Boulevard Book: Evolution and Design of Multiway Boulevards. *The Town Planning Review*, 74(3), 351.
 - Thomas Zeller. Review of Jacobs, Allan B.; Macdonald, Elizabeth; Rofè, Yodan, *The Boulevard Book: History, Evolution, Design of Multiway Boulevards*. H-Urban, H-Net Reviews. October, 2003.
 - Review by: Elsheshtawy Y., *Journal of Architectural and Planning Research*, Vol. 21, No. 2, (Summer, 2004), pp. 171-173
 - Review by Darin M., *Urban Morphology*, 8.1 (2004)
 - Review by: Steven L. Driever, *Material Culture*, Vol. 38, No. 2 (FALL 2006), pp. 75-77
2. * Pearlmutter, D., E. Erell, I. Meir, Y. Etzion, **Y. Rofè**. (2010). *המדריך לבנייה ביו-אקלימית בישראל* (*Design Manual for Bio-Climatic Construction in Israel*). State of Israel, Ministry of Energy and Infrastructure, Research and Development Division – electronic book – 160 pages (in Hebrew). <http://www.bgu.ac.il/CDAUP/guidebook.pdf>.

(b) Editorship of collective volumes

1. *Pontikis, K., **Rofè Y.** (Eds.) (2016). *In Pursuit of a Living Architecture: Towards a building culture of humane and sustainable environments*. Champaign, IL: Common Ground Publishing. (2 citations in GS)

(c) Refereed chapters in collective volumes - Conference proceedings, Festschrifte, etc.

1. **Rofè Y.**, (1999) "Outline for an urban design plan for Vicenza" in Leder F. (ed.), *Variazioni sul Tema della qualità urbana (Variations on the theme of urban quality)*. Venezia: Marsilio Editori.
2. **Rofè Y.**^{PI}, C. Drinberg^{PI}, and Y. Korin^C, (2004) "Sustainable City Design in the Negev: The Ramot C quarter in Beer-Sheva", in: Bucci, A. and D. Diolaiti (Ed.) *City, Commerce, Architecture*, Proceedings of the 4th Triennale of Architecture and Planning: A Vision For Europe, Bologna, Italy, 7-9 October, 2004. pp. 388-397.
3. **Rofè Y.**^{PI} and R Ishaq^C (2006) "Begin Boulevard in Tel-Aviv: from a suburban highway to an Urban Boulevard", in: Brebbia, C.A. and V. Dolezel (eds.), *Urban Transport XII (Urban Transport 2006)*, WIT Transactions on The Built Environment, Vol. 89, WIT Press: 531-546.
4. **Rofè Y.**^{PI}, R. Ishaq^C, M. Szeinuk^C and R. Shliselberg^C (2006) "Making Sustainable and Livable Major Urban Streets – the case of Begin Boulevard in Tel-Aviv", in: Mander, U., C.A. Brebbia and E. Tiezzi (eds.), *Sustainable Cities IV: Urban Regeneration and Sustainability (The Sustainable City 2006)*, WIT Transactions on Ecology and the Environment, Vol. 93, WIT Press: 551-560.
5. **Rofè Y.**^{PI} and H. Schwartz^{PI} (2007) "Vision, Implementation and Evolution of Patrick Geddes' Urban Block in Tel-Aviv", in: *Regional Architecture in the Euro-Mediterranean Area*, III International Conference on Architecture and Building Technologies, Bucci A. and Mollo L. eds. Firenze: Alinea Editrice: 482-491. (3 citations, GS)
6. ***Rofè Y.** (2008) "The Meaning and Usefulness of Feeling Maps in Urban Design and Architecture.", in: Roaf S. and Bairstow A. eds., *The Oxford Conference 2008: 50 Years On – Resetting the Agenda for Architectural Education*, WIT Press: 243-246. (1 citation, GS).
7. *Bass Specktor, S.^S, **Rofè Y.**^{PI} and Tal A.^{PI} (2009) "Cities for Climate Protection initiative in Israel: Assessing the impact of urban, economic, and socio-political factors on program implementation", *45th ISOCARP Congress*, Lisbon, October, 2009.
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9. *Manor-Rosner Y.^S, **Rofè Y.**^{PI} and Abu-Rabia-Queder S.^{PI} (2013) "The Unrecognized Bedouin Villages – Internal Spatial Order as a Basis for Development", in: Correia M., Carlos, G. and Rocha, S. eds., *Vernacular Heritage and Earthen Architecture (CIAV 2013)*, CRC Press. 531-536. (2 citation, GS)
10. ***Rofè Y.**^{PI} And Ishaq R.^{CI} (2013) "Begin boulevard in Tel-Aviv – from a suburban highway to an urban boulevard", in Pratelli A. ed. *Urban Street Design and Planning*, Volume 2 of Transport Systems and Traffic Engineering Series, WIT Press. 129-139.
11. ***Rofè Y.**^{PI} and Omer I.^{PI} (2014) "How Urban Grids Generate Urbanism – Examples from Israel", in Cavallo R., Komossa S., Bergahuser M. and Marzot N. eds. *New Urban Configurations Proceedings of 2012 EAAE/ISUF Conference*, Faculty of Architecture, Delft Institute of Technology, The Netherlands. 673-678. (1 citation ISI, 3 citations, GS).
12. ***Rofè Y.** (2014) "עירוניות קיימות וגנים עירוניים". *שיקולי קיימות בתכנון גנים עירוניים בישראל*, 309-343. רונן, הוצאת פרדס. ("Urbanism, Sustainability and

- Public Parks”, in Schnell, Y., Rosenberg, A. and Ronen, G. eds., *Sustainability Considerations in Urban Garden Design in Israel*, Pardes. 309-343.
13. *Rofè Y.^{PI}, Yerushalmi G.^S, Margalit, M.^{PI} and Windsor, A.^C (2015) “Case Study 2: High Streets and the Pedestrian Realm.” in: Vaughn, L. ed. *Suburban Urbanities: Suburbs and the Life of the High Street*, London: UCL Press. 223-236.
 14. *Porta S.^{PI}, Rofè Y.^{PI}, Vidoli, M.^S (2016) “The City and the Grid: Building Beauty at Large Scale.” In C. Alexander with Mehaffy M.W. (Ed.), *A city is not a tree: 50th anniversary edition*, Sustasis Press in association with Center for Environmental Structure. 153-170. (3 citations on GS).
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 16. *Porta, S.^{PI}, Rofè Y.^{PI}, Vidoli, M.^S (2016). “The Production of Cities: Christopher Alexander and the Problem of System A at Large Scale.” In: Baumgrtner P., Gruber-Muecke T., Sicklinger R., (Eds.), *Designing Lively Scenarios in Various Fields*, Pursuit of Pattern Languages for Societal Change (PURPLSOC) Conference Proceedings, Danube University, Krems, Austria, 3-5 July 2015. 296-325. 3 citations on GS.
 17. *Rosner-Manor, Y.^S, Rofè Y.^{PI} (2016). “Combining Systems A and B: Creating a Pattern Language for the Unrecognized Bedouin Villages in the Negev, Israel.” *Designing Lively Scenarios in Various Fields*, Pursuit of Pattern Languages for Societal Change (PURPLSOC) Conference Proceedings, Danube University, Krems, Austria, 3-5 July 2015. 326-353.
 18. *Benenson I.^{PI}, Ben-Elia, E.^{CI}, Rofè Y.^{PI}, Rosental A.^S (2017) "Estimation of Urban Transport Accessibility at the Spatial Resolution of an Individual Traveler". In: Thakuria P., Tilahun N. and Zellner M. (Eds.), *Seeing Cities Through Big Data - Research, Methods and Applications in Urban Informatics*, Springer Geography. 383-404. (1 citation on ISI, 4 citations on GS).
 19. *Giuffrida N.^S, Ignaccolo M.^{PI}, Inturri G.^{PI}, Rofè Y.^{CI}, Calabrò G.^{CI} (2017) “Investigating the Correlation between Transportation Social Need and Accessibility: the Case of Catania.” 20th EURO Working Group on Transportation Meeting, EWGT, 4-6 September, 2017, Budapest, Hungary. *Transportation Research Procedia* 27, 816-823. (3 citation GS)
 20. *Rofè Y.^{PI}, Cremaschi M.^{PI} (2017) “Which Standards for Public Open Space? A new conception for the 21st century.” In Marques da Costa E.; Morgado S.; Cabral J. (Eds.) *Spaces for Dialog for Places of Dignity, Fostering the European Dimension of Planning, Proceedings of the AESOP Annual Congress*, 11-14 July 2017, 1231-1241.
 21. *Rofè Y. (2018) The Metropolitan Area of Tel-Aviv: Structure, challenges and a strategy for urban regeneration. Invited chapter in: F.D Moccia and M. Sepe (Eds.) *Developing, regenerating and reconstructing cities: Contemporary topics and challenges*. 122-137, Inu Edizioni Srl.
 22. *Rofè Y. (2019) “Mobility, Accessibility and Urban Form.” Invited chapter in: Banerjee T. and Loukaitou-Siders A. (Eds.) *The New Companion to Urban Design*, Routledge. 599-611.
 23. *Rofè Y.^{PI} Porta S., Ingham S., Andrews C.R., Ettlinger, O. Robazza P. and Alexander M.M. (2020) “Building Beauty: A New Program Teaching Students to Help Heal the World.” In: Sayigh A. (ed.) *Green Buildings and Renewable Energy. Innovative Renewable Energy*. Springer, Cham. 611-622.

(d) Refereed articles and refereed letters in scientific journals

1. **Rofè Y^S**, A. Jacobs^{PI} and E. Macdonald^S (1995) "Another Look at Boulevards", *Places*, **10** (1): 72-77. (2 citations on ISI, 10 citations on GS)
2. **Rofè Y.** (1995) "Space and Community: The Spatial Foundations of Neighborhoods", *Berkeley Planning Journal*, **10**, 107-125. (32 citations on GS; h-index: 10, Q4 on SJR)
3. **Rofè Y^S**, A. Jacobs^{PI} and E. Macdonald^S (1997) "Guidelines for the Design of Multiple Roadway Boulevards", *Places*. **11**, (2): 40-47. (2 citation on GS)
4. **Rofè Y.**, (1999) "A Community Built Playground in Tel-Aviv," *Built Environment*, **25**, (1): 61-65. (4 citation; h5 15; GS)
5. **Rofè Y.**, (2006) "Making Liveable and Sustainable Major Urban Streets: a renaissance for multi-way boulevards", *Urbanistica – Journal of the Italian Institute of Planning*. **130**, May-August 2006: 73-78 (1 citations; h5 5; GS)
6. ***Rofè Y.** (2008) "The White City of Tel-Aviv", *Urbanistica - Journal of the Italian Institute of Planning*. **136**: 95-102. (0 citations; h5 4; GS)
7. ***Rofè Y.** (2009) "Generators of Urbanity – a new paradigm for urban street design", *Journal of Urbanism*, **2**, 1: 1-2. (1 citation; h5 11; GS).
8. ***Rofè Y.^{PI}** and R. Ishaq^C (2009) "Building Liveable Major Urban Streets: Begin Rd. in Tel-Aviv", *Proceedings of the ICE - Urban Design and Planning*. **162**, DP4: 169-178. (0 citations; h5 10 - GS).
9. ***Mehaffy, M.^{PI}**, S. Porta^{PI}, **Y. Rofè^{PI}** and N. Salingaros^{PI} (2010) "Urban Nuclei and the Geometry of Streets: the 'Emergent Neighborhoods' Model." *Urban Design International*. **15**, 22-46. (31 citations; IF 0.455; 32/38; Q4 – ISI; 84 citations, h5 index 11 – GS)
10. ***Benenson, I.^{PI}**, Martens, K.^{PI}, and **Rofè Y.^{CI}** (2010) "Measuring the Gap Between Car and Transit Accessibility: estimating access using a high-resolution network geographic information system.", *Transportation Research Record: Journal of the Transportation Research Board*, No. **2144**, Transportation Research Board and the National Academies, Washington D.C., 28-35. DOI: 10.3141/2144-04. (13 citations; IF 0.482; 76/115 Q3 - ISI; 27 citations; h5 37 - GS)
11. ***Benenson I.^{PI}**, Martens, K.^{PI} **Rofè Y.^{CI}** and Kwartler, A.^S (2011) "Public Transport versus Private Car: GIS-based estimation of accessibility applied to the Tel-Aviv Metropolitan Area." *Annals of Regional Science*. 47, (3), 495-515. (49 citations; IF 1.026; 34/73 Q2 - ISI; 119 citations; h5 84 - GS)
12. ***Sagie, H.^S**, Orenstein D.^{CI}, Groner E.^{CI}, Morris A.^{PI} Marjory Strom^{CI}, and **Rofè Y.^{PI}** (2012) "תפיסת הסביבה בתרבויות שונות – הערכת שירותי המערכת האקולוגית בערבה הדרומית .22-32 (1) 3 אקולוגיה וסביבה", *Ecology and Environment: Journal of Science and Environmental Policy*. 3 (1) 22-32). (h5 6 – GS).
13. ***Zarchin I.^S** and **Rofè Y.^{PI}** (2012) "איכותם של שטחים ציבוריים פתוחים – השוואה בין שכונות עירוניות בנגב ובמישור החוף", *אקולוגיה וסביבה* 3 (2): 144-153. (h5 6 – GS).
14. ***Rofè Y.^{PI}**, Feierstein G.^S and Zarchin I.^S (2012) "Quantity and Quality of Neighbourhood Open Spaces in Israel", *Proceedings of the ICE - Urban Design and Planning*, 165, DP3, 177-187. (9 citations; h5 11- GS)
15. ***Rubulotta E.^S**, Ignaccolo M.^{PI}, Inturri, G.^{PI} and **Rofè Y.^{CI}** (2013) "Accessibility and Centrality for Sustainable Mobility: Regional Planning Case Study." *Journal of Urban Planning and Development*, 139, 2: 115-132. (10 citations; IF 0.931; 65/124 Q3 – ISI; 20 citations, h5 16 – GS)

16. *Rosenberg-Weinreb A.^{PI} and **Rofè Y.**^{PI} (2013) "Mapping Feeling: An Approach to the Study of Emotional Response and Aesthetic Preference." *Journal of Architecture and Planning Research*. 30 (2), 127-145. (5 citations; IF 0.244; 36/38 Q4 – ISI; 14 citations, h5 7 – GS).
17. *Sagie H.^S, Morris A.^{PI}, **Rofè Y.**^{PI}, Orenstein D.E.^{CI} and Groner E.^{CI} (2013) "Cross-Cultural Perceptions of Ecosystem Services: a Social Inquiry on Both Sides of the Israeli-Jordanian Border of the Southern Arava Valley Desert.", *Journal of Arid Environments*. 97, 38-48. (38 citations; IF 1.822; 100/216 Q2 – ISI; 51 citations, h5 33 – GS)
18. *Lerman Y.^S, **Rofè Y.**^{PI}, and Omer I.^{CI} (2014) "Using Space Syntax to Model Pedestrian Movement in Urban Transportation Planning", *Geographical Analysis* special theme issue on Street Networks and Spatial Analysis. 46, 4, 392-410. (23 citations, IF 1.543, 21/76 Q2; 47 citations, h5 19 – GS).
19. *Omer, I.^{PI}, **Rofè, Y.**^{PI}, & Lerman, Y.^S (2015). The impact of planning on pedestrian movement: contrasting pedestrian movement models in pre-modern and modern neighborhoods in Israel. *International Journal of Geographical Information Science*, 1–22. (5 citations, IF 2.065, 30/144; Q1- ISI; 13 citations, h5 36 – GS).
20. *Ben-Elia E.^{CI}, Benenson I.^{PI}, **Rofè Y.**^{PI}, Safra E.^{CI} and Geyzersky D.^{CI} (2015) "יישום של ביג דאטה מרחבי לחישוב והערכת הנגישות לתחבורה ציבורית בעיר תל-אביב – יפר", *תכנון* 12 (2), 37-58 ("Application of Spatial Big-Data for Estimation of Public Transportation Accessibility in Tel-Aviv – Jaffa", *Planning*, 12 (2), 37-58).
21. *Omer, I.^{PI}, **Rofè Y.**^{PI}, Lerman Y.^S and Cohen Y.^S (2016) "מודל לחיזוי נפח הולכי הרגל במרחב העירוני", *אופקים בגאוגרפיה*. 89, 38-60.
22. *Kaplan I.^S, **Rofè Y.**^{PI} and Tal A.^{PI} (2016) "Community gardens in Israel: Characteristics and perceived functions", *Urban Forestry and Urban Greening*, 17 (1), 148-157 (4 citation, IF 2.113, 12/66 Q1 – ISI; 8 citations h5 35 – GS).
23. *Xilotl Soberon J.R.^S, **Rofè Y.**^{PI} (2016) "Modeling the Border Integration Process of Eilat-Aqaba, a Bi-National City in a Cold Peace Setting." *GeoJournal* 6, 82, 1263–1274. doi:10.1007/s10708-016-9748-5. (h5 27 – GS).
24. *Benenson I.^{PI}, Ben Elia E.^{CI}, **Rofè Y.**^{PI}, Geyzersky, D.^{CI} (2017) "On the benefits of a high resolution analysis of transit accessibility." *International Journal of Geographical Information Science*. 31, 2: 213-236. <http://dx.doi.org/10.1080/13658816.2016.1191637> (12 citations, IF 2.502, 46/146 Q2-ISI; 21 citations, h5 36 – GS).
25. ***Rofè Y.**^{PI}, Pashtan T.^S and Hornik J.^{PI} (2017) "Is there a market for sustainable urbanism: A conjoint analysis of potential homebuyers in Israel" *Sustainable Cities and Society*. 30, 162-170. <http://dx.doi.org/10.1016/j.scs.2017.01.011> (1 citation, IF 1.777, 21/61 Q2 – ISI; 5 citations, h5 27 – GS).
26. *Omer I.^{PI}, **Rofè Y.**^{PI}, Gittelman V.^{CI}, Lerman Y.^{CI} and Kaplan N.^S (2017), "Evaluating crash risk in urban areas based on vehicle and pedestrian modeling", *Geographical Analysis* 49, 4, 387-408 (2 citations, IF 1.905, 27/79 Q2 – ISI; 4 citations, h5 19 – GS).
27. *Magen R.^S, Omer I.^{PI}, **Rofè Y.**^{PI} (2017). "הקשרים בין תכנון מרחבי, מיקום מסחר ותנועה בעיר הישראלית- המקרה של אשדוד ובת ים", *תכנון – ביטאון איגוד המתכננים בישראל*, 14, 2, 37-62 (Relationship between spatial planning, retail activity and movement in the Israeli city-The case of Ashdod and Bat Yam, *Planning – Journal of the Israel Union of Planners*, 14, 2, 37-62).
28. *Sabo A.^S, Desai H.M.^S, Fernandez L.M.V.^S, Jančar A.^S, Le Roux M.M.^S, Mock B.D.^S Moein Jaharomi S.^S, **Rofè Y.**^{PI} with: Andrews C.R.^{CI}, Ingham S.^{CI}, Porta S.^{CI} (2020) "Creating a form language for Sorrento gardens, *Sustainable Mediterranean Construction* 11, 48-52.
29. Scheinkman-Shachar F.^S **Rofè Y.**^{PI} and Avriel-Avni, N.^{PI} (2020) "Spatial modeling of landscape values: Discovering the boundaries of conflicts and identifying mutual benefits

as a basis for land management”, *Society & Natural Resources*, DOI: [10.1080/08941920.2020.1850957](https://doi.org/10.1080/08941920.2020.1850957).

(e) Published scientific reports and technical papers

1. Comerio, M.^{PI}, J. Landis^{CI} and Y. Rofè^S (1994) *Post-Disaster Residential Rebuilding*. IURD Working Paper #609, University of California, Berkeley. (36 citations on GS).
2. Jacobs, A.^{PI}, Y. Rofè^S and E. Macdonald^S (1994) *Boulevards: A Study of Safety, Behavior and Usefulness*, IURD Working Paper #625., University of California, Berkeley. (8 citations, GS).
3. Jacobs, A.^{PI}, Y. Rofè^S and E. Macdonald^S (1995) *Multiple Roadway Boulevards: Case Studies, Designs, and Design Guidelines*, IURD working paper #652, University of California, Berkeley. (4 citations, GS)
4. Rofè Y. (1997) *The Usefulness of Feeling Maps as a Tool in Planning and Urban Design*, Ph.D. Dissertation, University of California at Berkeley, 1997. Dissertation committee: A. Jacobs, Chair; P. Bosselman and K. Craik.
5. Rofè Y. (2006) International Workshop for the Tel-Aviv Metropolitan Area Mass Transit Master Plan, NTA – Urban Transport Lines.
6. * Benenson I.^{PI}, Rofè Y.^{CI}, Martens, K.^{PI}, Ferdman, A.^{CI}, Megged, E.^S and Kwertler, A.^S, (2008) *Measuring Accessibility to Employment and Services as a Way to Reduce Social Inequality*, Ministry of Science and Technology (in Hebrew).
7. *Margalit M.^{PI}, Rofè Y.^{PI}, Windsor A.^{CI}, Yerushalmi, G.^S (2009), *The Pedestrian Realm in City Center Major Streets*, The Tel-Aviv Institute for Architecture Research: Environment, Culture and Society, Tel-Aviv University and the Ran Naor Foundation for the Advancement of Road Safety Research (in Hebrew).
8. *Rofè Y. (2010) *עקרונות התכנון של פיתוח עירוני סביב לרכבת*, "פיתוח עירוני סביב תחנות", סיכום יום העיון, חיפה: מוסד שמואל נאמן למחקר מדיניות לאומית. *(“Planning Principles of Transit Oriented Development.”, TOD – Transit Oriented Development. Urban Development around Train Stations, Mosad Neeman Conference Proceedings, Haifa).*
9. *Rofè Y.^{PI}, Peters, A.^{CI}, Spernaht-Abahel, R.^{CI}, Ofek H.^{CI}, Dekel, T.^{CI}, Doron-Meged, E.^{CI} (2010), *Development and Renewal of Yeruham City Center*, Department of Man in the Desert, J. Blaustein Institutes for Desert Research, Ben Gurion University (in Hebrew).
10. *Rofè Y.^{PI}, Feierstein G.^S and Zarhin I.^S (2010) *The Success of Urban Open Spaces in Israel: Is Green Really Green?*, Israel Science Foundation.
11. *Rofè Y.^{PI}, Schwarz M.^C, Meged-Doron E.^S, Rosner Y.^S, Kliger I.^C, Pirozhenko V.^C, Martens K.^C (2010) *Barriers to the implementation of Traffic Calming Areas in Israeli Towns and the Policies Needed to Overcome Them*, Ran Naor Foundation.
12. *Rofè Y. (2012) *A Strategy for Developing Policy for Intensive Urbanism, Environmental Oriented Strategies, Sustainability Outlook for Israel 2030*, Jerusalem Institute for Israel Studies and Ministry of Environmental Protection. Available at: http://www.kayamut2030.org/index.php?option=com_docman&task=doc_download&gid=74&Itemid=, accessed 11/05/2013 (in Hebrew).
13. * Shochat, A.^{PI} and Mishan S.^C with Rofè Y.^{CI} and Lerman, Y.^{CI} (2013) *Transportation Master Plan for Bat-Yam – Final Report*, PGL Transportation and Traffic Engineering, Municipality of Bat-Yam and Ministry of Transportation and Road Safety (in Hebrew).
14. *Omer I.^{PI} and Rofè Y.^{PI} with: Lerman Y.^S and Cohen Y.^S (2013) *A Prediction Model for Pedestrian Movement in Urban Space*, Summary Scientific Report for the National Authority for Road Safety, Tel-Aviv University and Ben-Gurion University of the Negev (in Hebrew).

15. *Hornik J.^{PI} **Rofè Y.**^{PI} and Pashtan T.^S (2013) *Discovering Israeli Homebuyers Preferences for Sustainable Urbanism Using Conjoint Analysis*, Scientific Report for the Ministry of Environmental Defense.
16. *Omer, Y.^{PI}, **Rofè Y.**^{PI} Gitelman, V.^C, Bekhor, S.^C, Lerman, Y.^S, Kaplan, N.^S (2015), *Absolute and Relative Risk to Pedestrian from Cars in Israeli Cities*, Scientific Report for the Israel Union of Insurers Research Fund.
17. ***Rofè Y.**^{PI}, Benenson, I.^{PI}, Martens K.^C, Ben-Elia, E.^{PD}, Mednik N.^S (2015) *Accessibility and Social Equity in Tel-Aviv Metropolitan Area - examination of the current conditions and development scenarios*, Scientific Report for the Ministry of Transportation and Road Safety.
18. *Erel, A.^{PI}, **Rofè Y.**^{PI} (2015) *Sustainable Mobility Urban Lab, The mobility of the employees of the Ashdod Municipality – final report*, Urban Sustainability Project, Jerusalem Institute for Israel Studies.
19. *Alfasi N.^{PI}, **Rofè Y.**^{CI}, Bar-Gera H.^{CI}, Vaturi A.^{CI}, Schmidt J.^{CI} (2017) *The Social and Urban Impact of the IDF base transfer to the Northern Negev*, Ministry of Science and Technology.

(f) Unrefereed professional articles and publications

1. Jacobs, A.^{PI}, E. Macdonald^S and **Y. Rofè**^S (1996) "Are Boulevards Unsafe?", *ITS Review*, 19: 1-2, University of California, Berkeley. November 1995/February 1996. (1 citation, GS).
2. Jacobs, A.^{PI}, E. Macdonald^S, **Y. Rofè**^S and J. Ureò^{CI} (1997) "Usos y seguridad en bulevares de varias calzadas", *OP Revista del colegio de ingenieros de caminos, canales y puertos*. 39.
3. **Rofè Y.**, (1999) "Multi-way Boulevards: a versatile solution to movement and accessibility problems in cities", *Tnuah ve Tachburah*, June: 46-50. (in Hebrew).
4. **Rofè Y.**, (2004) "Sustainable Development in the Ministry of Construction and Housing Office of the Chief Architect" *Adrichalut Nof*, 13: 20-22 (in Hebrew).
5. **Rofè Y.**, (2004) "Mapping People's Feelings in a Neighborhood: technique, analysis and applications", *Planum - The European Journal of Planning on-line*. <http://www.planum.net/topics/quality-survey-technique.html>, (5 citations on GS).
6. **Rofè Y.**^{PI} I. Fattal^{CI} and R. Shlisselberg^{CI} (2005) "International Workshop for the Tel-Aviv Metropolitan Area Mass Transit Master Plan", *Tnuah ve Tahburah* (Traffic and Transportation), September, 2005. (in Hebrew).
7. ***Rofè Y.** (2008) "השפעת דרכים ראשיות על המרחב האזורי. עיונים בגידול משאבי טבע וסביבה." "The Influence of Major Roads on Regional Form", *Studies in Natural Resources and Environmental Management*, 6: 37-45 (in Hebrew).
8. ***Rofè Y.**^{PI}, Benenson I.^{PI}, Martens, K.^{CI} Kwartler A.^S, Doron-Meged E.^S, Rosenthal A.^S and Khachaturian, D.^S (2010), "פערי הנגישות בין תחבורה ציבורית ופרטית במטרופולין תל אביב, תנועה ותחבורה." "Accessibility Gaps between Public and Private Transportation in the Tel-Aviv Metropolitan Area and the Ways to Overcome Them.", *Tnuah ve Tahburah* (Traffic and Transportation), September, 2010. 37-41.
9. ***Rofè Y.**^{PI} Feierstein G.^S and Zarchin I.^S (2011), "האם הירוק באמת ירוק: כמות ואיכות של "Is Green Really Green: Quantity and Quality of Public Open Spaces in Israeli Neighborhoods", *Adrichalut Nof (Landscape Architecture): Journal of the Israel Union of Landscape Architecture*, 41: 21-22. (in Hebrew).
10. *Alfasi N.^{PI} and **Rofè Y.**^{PI} (2012) "תת-פרק תכנון" בספר אפשר גם אחרת: מתווה לכינונה של חברה מתוקנת, דו"ח המחאה החברתי 2011-12. עורכים יוסי יונה ואביה ספיבק, קו אדום, הוצאת הקיבוץ המאוחד.

- .189-195 ,150-153 (“Planning Sub-chapter” in: *To Do Things Different: a Model for a Well-Ordered Society, the Social Protest 2011-2012*. Yonah Y. and Spivak A. Eds., Tel-Aviv: Kav Adom, Hakibutz Hameuchad. 150-153, 189-195).
11. ***Rofè Y.** (2013) "לקראת עירוניות תוססת בישראל", פנים: רבעון לתרבות, חברה וחינוך, גיליון מיוחד: "Towards Intensive Urbanism in Israel", *Panim (Faces): Quarterly for Culture, Society and Education*, Special Issue: The City as the Center of the World. 64: 32-42, December 2013 (in Hebrew).
 12. *Sheinkman F.^S, Mednik, N.^S and **Rofè Y.**^{PI} (2015) "Understanding place in preparation for planning: analysis of neighbourhood settlement patterns in Mitzpeh Ramon." *Negev, Dead Sea and Arava Studies*, 7, 1, 5-19.
 13. *Manor-Rosner Y.^S, **Rofè Y.**^{PI} (2020) "כאוס או סדר? בנייה ורנקהולרית בכפרים הבדואיים בנגב", *אתרים המגויין*, מועצה לשימור אתרי מורשת בישראל, 10, 159-166, "Chaos or Order? Vernacular building in the Bedouin villages of the Negev", *Sites the Magazine*, The Council for Conservation of Heritage Sites in Israel, 10, 159-166 (in Hebrew).

• **Lectures and Presentations at Meetings and Invited Seminars not followed by Published Proceedings**

(a) Invited plenary lectures at conferences/meetings

1. ***Rofè Y.**, Porta S., Ingham S., Andrews C., Ettlinger O., Robazza P. Moore-Alexander, M. (2019) "Building Beauty – a new program teaching students to help heal the world." Mediterranean Green Building and Renewable Energy Forum, Florence, September 3-5, 2019.
2. ***Rofè Y.** (2017) "Mobility, Accessibility and Urban Form", Keynote lecture, INU – Italian National Institute of Urban Planning, 10th Study Day: Crisis and the Rebirth of Cities. Department of Architecture, University of Naples Federico II, Naples. December 15-16, 2017.
3. ***Rofè Y.** (2017) "What is the Role of Feeling in Alexander's Thought? How do we use it practice?", Keynote lecture, Pursuit of Pattern Languages for Societal Change (PURPLSOC), University of the Danube, Krems an der Donau, Austria. October 19-21, 2017.
4. ***Rofè Y.** (2017) "The Tel-Aviv Metropolitan Area: its structure and challenges", 2nd festival of metropolitan territories, INU-Italian National Planning Institute on: Competitive Territories and the Design of Networks, Naples, 6 July 2017.
5. ***Rofè Y.** (2016) "What is culturally specific and what is universal in cities?" 8th Annual SIDEER Graduate Symposium on Transcontinental Movements, 4-6 April, Sde Boqer Campus, BGU.
6. ***Rofè Y.** (2015) "Urbanism, Sustainability and Public Gardens: towards a new conception of public space in the city." 9th Italian Urban Planning Institute Study Day, Green and Blue Infrastructures, Virtual, Cultural and Social Networks. 18-19 December 2015, DiARC, Department of Architecture, University of Naples Federico II.
7. ***Rofè Y.** (2015) "Mobility in Israel: a change in thought or in action?", European Commission Workshop on Sustainable Urban Mobility, in cooperation with the Ministry of Transportation, Jerusalem 18-19 May 2015.
8. ***Rofè Y.** (2015) "Public Open Spaces in Urban Areas." Conference on Urban Regeneration from City Centre to Peripheries, Sapienza University of Rome, Faculty of Civil and Industrial Engineering, March 16, 2015.
9. ***Rofè Y.** (2014) "Promoting Intensive Urbanism as part of a Strategy for Sustainability in Israel 2030", Promoting Sustainability in the Built Environment,

Sustainability Management Track, Department of Resource and Environmental Management, Haifa University, July 8, 2014.

10. * **Rofè Y.**, Yerushalmi G., Margalith M. Windsor A. (2014) “The Pedestrian Realm of Suburban Main Streets in Israel and its Impact on Users’ Activity and Feeling of Safety”, The Past, Present and Futures of the High Street, University College, London. 28 April, 2014.
11. * **Rofè Y.** (2014) “Pedestrians First – Principles for Urban Oriented Transportation Planning”, The Israeli Association of Transportation Research, Annual Conference, Tel-Aviv, 3 April, 2014.
12. * **Rofè Y.** (2013) “City Center First – why the center of the city is crucial for strengthening its urbanity”, Hadar – Past, Present and Future Conference, Haifa, June 2013.
13. * **Rofè Y.**, Manor-Rosner, Y. and Zafir-Cohen Nitsa (2013) “Starting Over or Building on What Exists – a spontaneous Bedouin settlement looking for a culturally sensitive planning approach.” Mandel Center for Leadership in the Negev, April 2013.
14. * **Rofè Y.** (2013) “Urbanism in the Negev”, City Engineers Forum No. 2, Israel Association of Municipal Engineers. Arad, March, 2013.
15. * **Rofè Y.** (2013) “Sustainable Urbanism in Israel: what is it, For whom, And How can it be created?” ILGBC Annual Gathering, Shikun VeBinui, March, 2013.
16. * **Rofè Y.** (2012) “A Strategy for Promoting Intensive Urbanism in Israel”, invited lecture as part of the presentation of Sustainability Outlook for Israel 2030 project, Sustainability: Yesterday, Today and Tomorrow, towards Rio + 20, Ministry for Environmental Protection, Tel-Aviv, May 2012.
17. * **Rofè Y.** (2012) “Is Green Really Green: Quantity and Quality of Public Open Spaces in Israeli Neighborhoods”, invited lecture at the Association for Gardening and Landscape Annual Conference, Jerusalem, February 2012.
18. * **Rofè Y.** (2011) “Civic Spaces vs. Green Open Spaces: quantity, use and quality of public open spaces in Israel.” Invited lecture at the conference: Interior Public Space in Israel in memory of Prof. Arie Sivan, Department of Interior Design, College for Administration, Rishon Letzion, 14 December 2011.
19. * **Rofè Y.**, (2011) “Is Green Really Green: Quantity and Quality of Public Open Spaces in Israeli Neighborhoods”, invited lecture at Israel Union of Landscape Architects Annual Conference, November 2011.
20. * **Rofè Y.**, Megged E., Kliger I. and Pirozhenko, V. (2010) “Barriers to the Implementation of Traffic Calming in Israeli Towns and the Policies Needed to Overcome Them”, invited lecture at Walk Towards the Future Conference, Tel-Aviv, April 2010.
21. * **Rofè Y.**, Margalith M., Windsor A. and Yerushalmi G. (2010) “The Improvement of the Pedestrian Realm in Urban Main Streets”, invited lecture at Conference of Infrastructure and Transportation Engineers in Israel, Nazareth, March 2010.
22. * **Rofè Y.** (2010) “Urban Planning and Design Aspects of Transit Oriented Development”, TOD- Transit Oriented Development: Urban Planning around Accessible Rail Transit, Samuel Neeman Institute, Technion, Haifa, March, 2010.
23. * **Rofè Y.** (2010) “Urban Projects, Sustainable Mobility and the Real-Estate Market”, invited discussant at the annual meeting of the Society for Italian Urbanism, Rome, February 2010.
24. * **Rofè Y.** (2008) “Generators of Urbanity – A New Paradigm for Urban Street Design”, Presented at Promoting Non-motorized Mobility in Urban Areas: the ASTUTE European project, Catania, April 23, 2008.

25. **Rofè Y.** (2007) "The role of major streets as urban places and creators of a continuous urban fabric", Presentation at the CNU Transportation Summit, Prince's Foundation for the Built Environment, London, November, 2007.
26. **Rofè Y.** (2006) "Boulevards as a way to create sustainable and livable major urban streets", Presentation at an invited seminar "The Landscapes of Mobility" held as part of the launching of a new transportation plan for the Province of Bologna. Bologna, Italy, May, 2006.
27. **Rofè, Y.** (2005) "Israeli Planning and the Construction of a Sustainable Development Strategy", Presentation in a concluding plenary session in the IX National Conference of the Society of Italian Urban Planners – SIU, Palermo, Italy, March, 2005.
28. **Rofè, Y.** (2002) "Traffic calming as part of a sustainable development program for the Ramot C quarter of Beer-Sheva", *Conference for the presentation of the Guidelines for Traffic Calming*, Ministry of Transportation and the Society of Construction and Infrastructure Engineers, Tel-Aviv. October 2002.

(b) Presentation of papers at conferences/meetings

1. *Alexander, M.M, Andrews C., Ingham S., Porta S. and **Rofè Y.** (2018) "Building Beauty: An Innovative Program in Architectural Education", Future of Pattern Languages; Migration, Refugees and Patterns, PUARL 10 Year Anniversary Conference, 26-28 October, 2018. Portland, OR.
2. *Cunningham, W., Mehaffy, M. **Rofè Y.** (2018) "A Pattern Language for Rapid Urbanization: Launching a Digital Pattern Language Repository, Future of Pattern Languages; Migration, Refugees and Patterns, PUARL 10 Year Anniversary Conference, 26-28 October, 2018. Portland, OR.
3. * **רופא י.** (2017), "ניידות, נגישות ומבנה עירוני – פתרונות טכניים ורצון פוליטי", גאוגרפיה בעולם מורכב ומתמלא, הכנס ה-58 של האגודה הגאוגרפית. אוניברסיטת בן גוריון בנגב, באר שבע 17-18 דצמבר. **Rofè Y.** (2017), "Mobility, Accessibility and Urban Form – technical solutions and political will.", Geography in a Complex and Populous World." 58th Conference of the Geographic Society, Ben-Gurion University of the Negev, Beer-Sheva, 17-18 December.
4. ***Rofè Y.**, Cremaschi M. (2017) "The Politics of Standards for Public Open Space: a new conception for the 21st century city", Association of European Schools of Planning (AESOP) Annual Congress, Spaces of Dialog for Places of Dignity: Fostering the European dimension of planning. Lisbon, 11-14 July.
5. * **רופא י.**, **ק.**, **רופא י.**, מאיר, י. (2017) "השלכות משבר הדיור והפיתוח המואץ על המרחב הכפרי בישראל", כנס איגוד המתכננים, בדרך ל- 2048 בין תכנון לכאוס, חיפה 2-3 מרץ. Shalev, K., **Rofè Y.**, Meir, I. (2017) "The impacts of the housing crisis and rapid development on rural space in Israel", Union of Israeli Planners Conference, Between Planning and Chaos, Haifa 2-3 March.
6. *Rosner-Manor Y., Borghini S., & **Rofè Y** (2016). "Stigmergy in Informal Communitites, The Unrecognized Bedouin Villages in the Negev, Israel." 14th Meeting of the AESOP Thematic Group on Planning and Complexity – Taking Stock of Complexity Sciences: Evidence of Progress in Urban Planning? University of Bamberg, 11-12 February.
7. *Benenson I., Ben-Elia E., **Rofè Y.**, Safra E., Geyzersky D. (2015) "The use of big urban data for a human view of accessibility and equity." ERSA 55th Congress "World Renaissance: Changing roles for people and places." NECTAR-ERSA Special Session on "New Data and Methods in Accessibility Analysis." Lisbon, Portugal 25-28 August.
8. *Porta S., **Rofè Y.** and Vidoli P. (2015) "The Production of Cities: Christopher Alexander, urban evolution and the problem of the grid." Pursuit of Pattern Languages for Societal Change (PURPLSOC), Donau University Krems, July 3-5.

9. *Rosner-Manor Y. and **Rofè Y.** (2015). “Combining Systems A and B: creating a pattern language for the unrecognized Bedouin villages in the Negev, Israel.” Pursuit of Pattern Languages for Societal Change (PURPLSOC), Donau University Krems, July 3-5.
10. ***Rofè Y.** (2015) “The Hidden Villain: The perverse role of public open space standards in destroying urbanism and reducing sustainability”, Future of Places III: Public Space in the New Urban Agenda. Stockholm 29 June – 1 July.
11. *Mandelbaum R., Alfasi N. and **Rofè Y.** (2015) “The influence of urban design on lifestyle in ‘towers in the park’ neighborhoods: the use of public open space and street smarts.” Israel Union of Planners, annual conference, Beer-Sheva 12 February.
12. *Scheinkman F., **Rofè Y.** and Avriel-Avni, N. (2015) “Evaluation of land uses and landscape values along route 40 in the Negev Highlands.” Israel Union of Planners, annual conference, Beer-Sheva 12 February.
13. ***Rofè Y.**, Alfasi N., Efrat I. and Gershon D. (2015). “Urban Israel 2050 – Policy guidelines and tools for implementation.” Israel Union of Planners, annual conference, Beer-Sheva 12 February.
14. *Yaara Rosner-Manor and **Rofè Y.** (2014). “The Bedouin unrecognized villages – space and human – a balanced structure different from what is expected in Israel in the 2000’s”, Foundation Conference of the Professional Community for Research on Environment and Society in the Israeli Sociological Society, Porter School of Environmental Studies, Tel-Aviv University, 20 November.
15. *Ben-Elia E., Benenson I. and **Rofè Y.** (2014) Spatially Explicit Computational Evaluation of Urban Accessibility from a Human’s Point of View, Workshops on Big Data and Urban Informatics, Sponsored by the National Science Foundation, University of Illinois at Chicago, August.
16. *Omer I. **Rofè Y.** and Lerman Y. (2014). “A Pedestrian Volume Model for Israeli Cities, From Control to Co-evolution,” AESOP annual congress, Utrecht/Delft, 9-12 July.
17. *Omer I., **Rofè Y.**, Lerman Y. and Cohen Y. (2014) “A Pedestrian movement model for Israeli cities.” IGU Applied Geography Commission, Geography and Planning Conference, Tel-Aviv, 13-15 May.
18. *Cohen Y. and **Rofè Y.** (2014) “Urban design quality and pedestrian movement with emphasis on elderly and children.” IGU Applied Geography Commission, Geography and Planning Conference, Tel-Aviv, 13-15 May.
19. *Pontikis, K., and **Rofè Y.** (2013) “Sketching a Sustainable Form Language for a Neighbourhood in the Negev, Israel.” PUARL Conference, Portland OR. October.
20. ***Rofè Y.**, Manor-Rosner Y. and Abu-Rabia-Queider S. (2013). “Emergent Spatial Order as a Basis for Future Development: the unrecognized Bedouin villages in the Negev,” Israel. PUARL Conference, Portland OR. October.
21. * Lerman Y., **Rofè Y.**, and Omer I. (2013) “Using Space Syntax to Model Pedestrian Movement in Urban Transportation Planning.” Accepted for presentation at ICA Workshop on Street Networks and Transport, Dresden, Germany August.
22. * **Rofè Y.** (2013) “Intensive Urbanism in Israel”, Israel Union of Planners Conference, Tel-Aviv, February.
23. * Omer I., **Rofè Y.**, Lerman Y. and Cohen Y. (2013) “A Model for Predicting Pedestrian Movement in Urban Space with Emphasis of the Elderly and Children”, Israel Union of Planners Conference, Tel-Aviv, February.
24. * Manor-Rosner Y., **Rofè Y.** and Abu-Rabia-Queider S. (2013) “The Unrecognized Bedouin Villages: what do they have that we don’t?”, Israel Union of Planners Conference, Tel-Aviv, February.
25. * **Rofè Y.** (2013) “A Strategy for Creating Intensive Urbanism”, Sustainability Outlook for Israel 2030 project special session, Israel Union of Planners Conference, Tel-Aviv, February.

26. * **Rofè Y.**, Rosner-Manor Y. And Israel, L. (2012) “A Pattern Language for Planning Informal Bedouin Settlements in the Negev.”, Cook Workshop on Architecture and Urban Planning in Drylands and Arid Areas, Drylands, Deserts and Desertification Conference, Sde Boker, November 2012.
27. * **Rofè, Y.** and Omer, I. (2012) “How urban grids generate urbanism – examples from Israel”, EAAE/ISUF Conference, Delft, October 2012.
28. * **Rofè, Y.** (2012) “Public Open Spaces in the Sustainable City: Livability, Environmental Impacts and Environmental Aspects”, Session organizer and chair, AESOP, Ankara July 2012.
29. * Liat Isakov Ben-Shitrit and **Y. Rofè** (2012) “City Densifying Policy in Israel: Who Cares about Quality?”, Roundtable organized and moderated, Israel Planners Association Conference, Beer-Sheva, February 2012.
30. * Siboni-Galili, N., Pinto, U., **Y. Rofè** and Meged-Doron E. (2012) “Center City Revitalization Project in Yerucham”, Israel Planners Association Conference, Beer-Sheva, February 2011.
31. * **Rofè, Y.**, (2011) “Promoting Accessibility and Quality vs. Quantity and Size in Urban Public Open Spaces”, Movement for Israeli Urbanism Conference: The City as an Engine for Economic Growth, Ashkelon, November, 2011.
32. * **Rofè, Y.**, (2011) “The Planning and Design Principles of TOD”, Movement for Israeli Urbanism Conference: The City as an Engine for Economic Growth, Ashkelon, November, 2011.
33. * **Rofè, Y** (2011) “Feeling Maps as a Basis for Diagnosis in Generative Urban Design”, Generative Process, Patterns and the Urban Challenge, Fall 2011 International PUARL Conference, Portland, October 2011.
34. * **Rofè, Y.**, Feierstein, G. and Zarchin, I. (2011) “The Quantity and Quality of Neighborhood Public Open Space in Israel”, ACSP Conference, Salt Lake City, October 2011.
35. * **Rofè Y.**, Feierstein, G. and Zarchin I. (2011) “Is Green Always Green? Quantity, Activities and Quality of Urban Public Open Spaces: A case study from Israel”, Congress for New Urbanism, Madison, Wisconsin, June, 2011.
36. * Pontikis, K. and **Rofè Y.** (2011) “Challenging Conventional Planning and Design Practice: Green Pattern Languages and Emerging Practices and Teaching Methods”, Workshop organized at Environmental Design Research Association Conference, Chicago, May 2011.
37. * Zarchin, I. and **Rofè Y.** (2011) “Evaluating the Difference in Quality of Neighborhood Public Open Spaces between Cities in Different Climate Zones in Israel”, Paper presented at Environmental Design Research Association Conference, Chicago, May 2011.
38. * Benenson I., Rosenthal A., Martens K. and **Rofè Y.** (2011) “Public Transit Versus Private Car: a high resolution examination of urban transportation accessibility.” Paper presented at the Israeli Association for Transportation Research annual meeting, Tel-Aviv.
39. * Siboni-Gallilee N., Pinto, U., **Rofè Y.** and Megged-Doron, E. (2011) “The Yeruham Town Center Renovation Project.” Paper presented at Israel Union of Planners Conference, Beer-Sheva, February 2011.
40. * Zarchin I. and **Rofè Y.** (2011) “The Perceived Quality of Urban Public Open Spaces in the Negev and the Coastal Plain.” Paper presented at Israel Union of Planners Conference, Beer-Sheva, February 2011.
41. * **Rofè Y.** and Feierstein G. (2010) “Is Green Always Green: The Quality, Amount and Use of Public Open Spaces in Different Climatic Zones and Settlement Sizes in Israel.” Paper presented at the ACSP Conference, Minneapolis, October 2010.

42. * Zarchin I. and **Rofè Y.** (2010) "Feelings in Public Open Space in Israeli Neighborhoods", The Israel Society of Ecology and Environmental Science Annual Conference, June, 2010.
43. * Bass-Specktor S., **Rofè Y.** and Tal A. (2010) "The Forum 15 Convention for Reduction of Air Pollution and Climate Protection – Evaluating the Influence of Urban, Economical, and Socio-Political Factors on Implementation."
44. * **Rofè Y.** and Feierstein G. (2010) "Is Green Really Green: Quantity and Patterns of Use of Public Open Spaces in Neighborhoods in Desert and Non-Desert Climate Areas in Israel, The Israel Society of Ecology and Environmental Science Annual Conference, June, 2010.
45. * **Rofè Y.** and Feierstein G. (2010) "Is Green Really Green: Quantity, Activities, and Quality of Public Open Spaces in Neighborhoods in Different Climate Areas in Israel", Israel Union of Planners Conference, Tel-Aviv, March 2010.
46. * Benenson, I., Martens, K., **Rofè Y.** and Kwartler A. (2010) "A GIS-Based Approach to the Measurement of the Gap between Transit and Car Accessibility", Transportation Research Board, 90th annual meeting, Washington DC, January 2010.
47. * Bass-Specktor S., **Rofè Y.** and Tal, A. (2009) "Cities for Climate Protection Initiative in Israel: Assessing the Impact of Urban, Economic and Socio-Political Factors on the Applicability of the Program", paper accepted for presentation at ISOCARP 45th International Congress, Porto, Portugal.
48. * Mehaffy M., Porta, S., **Rofè Y.** and Salingaros, N. (2009), "Urban Nuclei and the Geometry of Streets: The Emergent Neighborhood Model", CNU 17, Denver, CO.
49. * Rosenberg-Weinrib A. and **Rofè Y.** (2009), "Alexander, Aesthetics and Affect: Interdisciplinary Inquiries between Anthropology and Architecture", paper presented within the "Drawing on Architect Christopher Alexander's Theory and Practice: Teaching Models, Building Case Studies, and Conceptual Critiques" workshop, EDRA 40/2009, Kansas City, MO.
50. * Margalit, M., **Rofè Y.**, Windsor, A. and Yerushalmi, G. (2009), "The Pedestrian Realm in Israeli Town Centers", Israel Planners Association Annual Conference, Jerusalem.
51. * **Rofè Y.** and Doron E. (2009), "Barriers to the Implementation of Traffic Calming Areas in Israeli Neighborhoods and the Policies Needed to Overcome Them", Israel Planners Association Annual Conference, Jerusalem.
52. * **Rofè Y.** and Feierstein G. (2008), "Urban Sustainability in Desert and Dryland Areas – a First Exploration.", Jeffrey Cook Workshop in Desert Architecture and Urban Planning, 2nd Drylands, Deserts and Desertification Conference, 2008. J. Blaustein Institutes for Desert Research, Israel.
53. * Benenson, I., **Rofè Y.**, Martens, K. and Gleizer, A. (2008), "An Investigation of Transportation Equity in the City – First Results." 3rd Israel-Netherlands Workshop in Regional Science, Jerusalem. November, 2008.
54. * Bass-Specktor, S., **Y. Rofè** and Tal A. (2008), "Cities and Climate Change: What is to be Gained or Lost from Reframing an Urban Sustainability Agenda in Terms of Greenhouse Gas Emission Reductions?," accepted for presentation at Climate Change and Urban Design Conference, Council for European Urbanism, Oslo, Norway, September, 2008.
55. *Meir, I.A., D. Pearlmuter, **Y. Rofè**, H. J. Bruins and Y. Garb (2008), "Sustainable Urban Desert Communities: A challenge for the 21st century", accepted for presentation at AAAS conference, February, 2008 (withdrawn).
56. ***Rofè Y.** (2007), "The Meaning and Potential Usefulness of the 'Feeling Map' as a Tool in Planning and Urban Design", Congress for New Urbanism XV, Philadelphia, May, 2007.

57. *Jacobs, A., E. Macdonald and **Y. Rofè** (2007), *Multiway Boulevards: what they are and do, and how to get them built*, Congress for New Urbanism XV, Philadelphia. May, 2007.
58. **Rofè Y.** (2006), "The Influence of Major Roads on Regional Form", invited paper presented in a conference on Lessons from Road 6, organized by Mosad Neeman at the Technion, and the Department of Natural Resources and Environmental Management at the University of Haifa.
59. **Rofè Y.** and R. Ishaq (2006), "From Main Road to an Urban Boulevard", paper presented at the Annual Conference of the Israeli Society of Transportation Research, Technion, Haifa, January, 2006.
60. Pontikis K. and **Y. Rofè** – organizers (2005) "Designing and Making Livable and Sustainable Places" a full day intensive workshop at Environmental Design Research Association 36 Annual Conference, Vancouver, Canada, April, 2005.
61. **Rofè Y.** (2005) "Making Sustainable and Livable Urban Streets: the case of Begin Road in Tel-Aviv", paper presented at Environmental Design Research Association 36 Annual Conference, Vancouver, Canada, April, 2005
62. **Rofè Y.** (1999) "Transit-oriented Development in Local Land Use Planning." Society of Construction and Infrastructure Engineers Conference, Tel-Aviv, Israel. October, 1999.
63. **Rofè Y.** (1997) "Guidelines for the Design of Multiple Roadway Boulevards as Multi-purpose Streets", 13th Congress of the International Federation of Municipal Engineers. Jerusalem, Israel, March 1997.
64. **Rofè Y.** (1995) "The Usefulness of Neighborhood Experience Maps as a Tool in City Planning and Urban Design", paper presented at ACSP conference. Detroit, October 1995.
65. **Rofè Y.** (1995) "An Investigation of the Safety of Boulevards, and the Effects of Existing Street Guidelines on their Viability", paper presented at ACSP Conference. Detroit, October 1995.

(c) Presentations at informal international seminars and workshops

1. ***Rofè Y.** (2018) "From the Synthesis of Form to Sequences – the development of Christopher Alexander's thinking on handling complexity in the built environment", *Emerging Patterns in the Built Environment: Analytical Tools & Responsive Governance*, 17th meeting of TG Planning & Complexity, AESOP. 7-9 November, 2018. Beer Sheva and Tel-Aviv.
2. ***Rofè, Y.** (2017) "Mapping Feeling", *Measuring the Experience of Place*, Invited Workshop, Ax:Son Johnsons Foundation, Engelsberg, Sweden. 22-23 September, 2017.
3. ***Rofè, Y.** (2017) "Extending the magic of the city: the challenge of the Tel-Aviv Metropolitan Area." *Innovation Districts and the Example of Tel-Aviv*, Seminar, The Tel-Aviv City Summit, 5 September, 2017.
4. **Rofè, Y.** (2002) "Grand boulevards – a proposal", *Seminar on street design: social life and strategies*, Faculty of Architecture, University of Rome III
5. **Rofè, Y.** (2002) "An outline for guidelines for water conserving development." *Conference on Ground Water Conservation in Planning and Development*, Technion, Haifa. June, 2002
6. **Rofè Y.** (2000) "The Ministry of Housing's Policy on Sustainable Development.", *Conference on Bio-climatic Architecture: Towards Sustainable Development*, Technion, Haifa. May, 2000.

7. **Rofè Y.** (1996) “Boulevard Design: Case Studies and Guidelines”, *Places: Streets Conference*, Pratt Institute, April 1996.

(d) Seminar presentations at universities and institutions

1. ***Rofè Y.** (2018) “Mobility, Accessibility and Urban Form”, Guest Lecture in Transportation Planning Course, Technion, Israel
2. ***Rofè Y.** (2018) “Urban planning, the destruction of cities in the 20th Century, and their re-emergence in the 21st century paradigms for sustainable urbanism”, Department of Architecture, University of Ferrara, May 24, 2018.
3. ***Rofè Y.** (2018) “Building Beauty – an introduction to Christopher Alexander’s thinking and the new architecture program at Sorrento.” Department of Civil, Environmental and Mechanical Engineering, University of Trento, May 23, 2018.
4. ***Rofè Y.** (2015) “Settlements in Desert Areas of the Mediterranean: History, Planning and Sustainability,” Seminar presentation, Mediterranean Cultural Landscapes and Communities of Knowledge Project, Department of European and Mediterranean Cultures: Architecture, Environment, Culture, University of Basilicata, Matera, 21 December 2015.
5. ***Rofè Y.** and Rosner-Manor Y.(2015) “The Unique and Delicate Qualities of the Unplanned – can we develop informal settlements without destroying them?”, Seminar presentation, Ph.D seminar in planning, Bartlett School of Architecture, University College London. 28 May, 2015.
6. ***Rofè Y.** (2015) “Mapping Wellbeing – is beauty subjective?” Invited seminar by Create Streets at Legatum Institute, London, June 1, 2015.
7. ***Rofè Y.** (2015) Discussant, Seminar on Urban Planning and Legality, Department of Architecture, University of Florence. March 12 2015.
8. ***Rofè Y.** (2015) “Pedestrian First – Urban Oriented Transportation Planning”, The Scientific Seminar on Transportation and Environment, Ministry of Transportation. 18 February 2015.
9. ***Rofè Y.**, Omer, Y. Lerman Y. and Cohen, Y. (2013) “Predicting Pedestrian Movement in Israeli Cities”, URBS Distinguished Lecturer Series, California State University, Northridge, October 30.
10. ***Rofè Y.**, Omer, Y. Lerman Y. and Cohen, Y. (2013) “Analyzing Pedestrian Movement in Israeli Cities”, Lewis Center for Communities, Transportation and Environment, in collaboration with Y&S Nazarian Center for Israel Studies, UCLA, October 29.
11. ***Rofè Y.** (2013) “Urbanization and Informal Housing” and “Transformation of Informal Housing a Pattern Language Approach” Lectures given within the course “Integrated Approach to Urban Slum Improvement” Weitz Center, March 2013.
12. * **Rofè Y.** (2013) “Principles of Sustainable and Intensive Urbanism” University of Rome III, doctoral program in Urban Planning Lecture Series. February.
13. * **Rofè Y.** (2013) “Policy Measures for Implementing a Strategy for Urban Space Intensification in Israel.” University of Rome III, doctoral program in Urban Planning Lecture Series. February.
14. * **Rofè Y.** (2013) “Principles of Sustainable and Intensive Urbanism” University of Catania, doctoral program in Civil, Environmental and Transportation Engineering Lecture Series. February.
15. * **Rofè Y.** (2013) “Policy Measures for Implementing a Strategy for Urban Space Intensification in Israel.” University of Catania, doctoral program in Civil, Environmental and Transportation Engineering Lecture Series. February.

16. * **Rofè Y.** (2012) "Public Open Space Standards and their Effect on Urban Density." Urban Density Studio, Department of Architecture, Bezalel Academy of Art and Design. December 2012.
17. * **Rofè Y.** (2012) "Relationship between the street network and socio-economic functioning of the city." University of Catania, Master in Transport Systems Management for Intermodal Integration and Sustainable Mobility.
18. * **Rofè Y.** (2012) "Transit Oriented Development." University of Catania, Master in Transport Systems Management for Intermodal Integration and Sustainable Mobility.
19. * **Rofè Y.** (2012) "Principles of Sustainable and Intensive Urbanism", Tel-Aviv Planning Department, November 2012.
20. * **Rofè Y.** (2012) "Principles of Sustainable and Intensive Urbanism", Lecture in the course: Urban Sustainability and Green Building, Center for Local Sustainability, November, 2012.
21. * **Rofè Y.** (2012) "Is Green Really Green: Public Open Spaces in Israel", seminar for Ministry of Environmental Protection Planners, Ramleh, May 2012.
22. * **Rofè Y.** (2011) "Feeling Maps as a Basis for Diagnosis in Generative Urban Design", University of San Francisco, Architecture and Community Design Program, October 2011.
23. * **Rofè Y.** (2011) "A Pattern Language for Informal Bedouin Settlements in the Negev", University of San Francisco, Architecture and Community Design Program, October 2011.
24. * **Rofè, Y.** (2011) "Generators of Urbanity – a New Paradigm for Urban Street Design", California State University, Northridge, Urban Studies and Planning Department, October 2011.
25. * **Rofè, Y.** (2011) "Codes as Generators of Urbanity", Arizona State University, School of Geographical Sciences and Urban Planning, October 2011.
26. * **Rofè Y.** (2011), "Barriers to Traffic Calming Areas in Israel and the Policies Needed to Overcome them", Or Yarok – the association for changing driving culture in Israel, June 2011.
27. * Rosenberg-Weinreb A. and **Rofè Y.** (2011) "Mapping Feeling: an approach to the study of emotional response and aesthetic preference." University of Texas, Department of Sociology Workshop, February 25.
28. * **Rofè Y.** (2010) "Urban Nuclei and the Geometry of Streets: the emergent neighborhood model", guest lecture given to the Master of Urban Design Students, A.Taubman College of Architecture and Urban Planning, University of Michigan.
29. * **Rofè Y.** (2010) "Is Green Always Green: quantity, activities and quality of urban public open spaces in different sized settlements and in different climate zones." Urban and Regional Research Collaborative Seminar, A. Taubman College of Architecture and Urban Planning, University of Michigan.
30. * **Rofè Y.** (2009) "Street Design and Safety – The Example of Boulevards", 1st International Summer School: Multidisciplinary Road Safety, University Kore of Enna, Faculty of Engineering and Architecture, Italy.
31. * **Rofè` Y.** (2008) "Transportation Planning and Urban Street Design: The Emergence of an Old/New Paradigm", Seminar Presentation, Departments of Architecture, Transportation Engineering and Environmental Engineering, University of Catania.
32. * **Rofè Y.** (2008) "Transportation Planning and Urban Street Design: The Emergence of an Old/New Paradigm", Seminar presentation, Faculty of Architecture, University of Roma III.
33. **Rofè Y.** (2007) "Transportation Planning and Urban Street Design: The Emergence of an Old/New Paradigm", Seminar presentation, Faculty of Engineering, University of Palermo.

34. **Rofè Y.** (2005) "The Construction of Sustainable Development in Israel – is it possible to live sustainably in a state of conflict?", *City Planning Doctoral Seminar Lecture*, Faculty of Architecture, University of Rome III.
35. **Rofè Y.** (2005) "The Construction of Sustainable Development in Israel – is it possible to live sustainably in a state of conflict?", Faculty of Architecture, University of Palermo, Italy.
36. **Rofè Y.** (2004) "Mapping the Sense of Well-Being in a Neighborhood – Research Methodology", *Departmental Ph.D. Seminar*, Faculty of City Planning, University of Palermo, Italy.
37. **Rofè Y.** (2004) "The Construction of Sustainable Development in Israel – is it possible to live sustainably in a state of conflict?", *Seminar on Sustainable Development in the Middle East*, Department of Planning, Faculty of Architecture, University of Florence, Italy.
38. **Rofè Y.** (2004) "The Construction of Sustainable Development in Israel – is it possible to live sustainably in a state of conflict?", *International Masters in Development and Management of Sustainable Urban Environments*, University of Ferrara, Italy.
39. **Rofè Y.** (2004) "Grand Boulevards and the Pedestrian Realm in Cities", *The Alvar Network Lectures*, Faculty of Architecture, University of Ferrara, Italy.

• Research Grants

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| 2017 | *Ministry of Science and Technology, Rofè Y. (PI), The Integration of Bedouin Women in the Process of Planning and Recognition of the Un-recognized Villages in the Negev, NIS 286,711 |
| 2014 | *Ministry of Science and Technology, Alfasi N.(PI), Rofè Y. (CI), Bar-Gera H. (CI), Vaturi A. (CI), Schmidt J. (CI), The Social Impact of the IDF base transfer to the Northern Negev, NIS 332,968. |
| 2014 | *Union of Insurance Companies Research Fund. Omer I. (PI), Rofè Y. (CI), Gitelman V. (CI), Lerman Y. (CI), "Absolute and Relative Risk to Pedestrians from Vehicles in Israeli Cities," NIS 163,159. |
| 2013 | *Dead Sea – Arava Science Center, Rofè Y. (PI) "Population Structure and the Socio-Ecological System of the Ramon Highlands," NIS 39,984. |
| 2012 | *Ministry of Environmental Protection. Hornik J. (PI), Rofè Y. (PI) and Pashtan T. (CI), "Discovering Israeli Preferences for Sustainable Urbanism Using Conjoint Analysis", NIS 67,850. |
| 2012 | *Ministry of Transportation and Road Safety, Israel. Rofè Y. (PI), Benenson I. (PI) and Martens K. (CI), "Accessibility and Social Equity in Tel-Aviv Metropolitan Area - examination of the current conditions and development scenarios", NIS 243,430. |
| 2011 | *Robert H. Arnow Center for Bedouin Studies and Development, Rofè Y. (PI) and Rosner Y., "Recognizing the Informal: Using a Pattern Language Approach as a Method of Understanding a Bedouin Informal Settlement, and as a Basis for its Planning after Recognition." \$6,750 – approved. |
| 2010 | *Israel Science Foundation, Rofè Y. (PI), "Public Open Spaces in the Sustainable City: Human experience, social, economical and environmental value, planning and design guidelines." International Workshop, \$17,400 – approved and matched with another \$10,000 from university sources. |
| 2010 | *National Road Safety Authority, Omer, I. (PI), Rofè Y. (PI), Lerman Y., "A Prediction Model for Pedestrian Movement in Urban Space." NIS 162,107 – approved. |

- 2008 *Ministry of the Interior, **Y. Rofè** (PI), Y. Shiftan, Y. Garb, J. Levine, Anais Golany, Michal Miller, "A New Paradigm for Transportation Planning and Urban Street Design: Towards a Transit and Walking Friendly Region." – NIS347,829 – approved
- 2007 BRM Institute for Technology and Society – **Y. Rofè**, "A Tool-Box for the Renewal of Israeli Urbanism." \$9,000 – approved
- 2007 Ben-Gurion University Internal Fund for Research Promotion – Y. Rofè, "Urban Sustainability in Desert and Dryland Areas – a preliminary study." – NIS10,000– approved.
- 2006 Ran Naor Foundation – **Rofè Y.** (PI), M. Schwartz, Y. Garb and K. Martens "Barriers to the Implementation of Traffic Calming in Israeli Towns, and the Policies Needed to Overcome Them" NIS 249,293 – approved.
- 2006 Israel Science Foundation – **Rofè Y.** (PI) "The Success of Urban Open Spaces in Israel: Is Green Really Green?" \$105,228 – approved
- 2005 Ran Naor Foundation – Margalit, M. (PI), S. Mahadav, M. Turner, A. Windsor, A. Woyciechowicz, **Y. Rofè**, "Pedestrian Oriented Environments: The protection of pedestrians' rights and the improvement of quality of life in urban environments." NIS 262,375 funding approved.
- 2005 Ministry of Science and Technology, Israel – Benenson, Y. (PI), K. Martens, and **Y. Rofè** "Measuring Accessibility to Reduce Socio-economic Gaps". NIS 96,000 – funding approved.
- 1995 US Dept. of Housing and Urban Development (HUD), **Rofè Y.** "The Usefulness of Feeling Maps for City Planning and Urban Design." Dissertation Research Grant, \$15,000.
- 1993 US Dept. of Transport and California Dept. of Transport, Jacobs, A. (PI) and **Y. Rofè** "Multi-Way Boulevards – a Study of Usefulness and Safety, 24 months. \$182,000.

• Present Academic Activities

Research in Progress

1. *Planning and Environmental Conditions in the Unrecognized Bedouin Villages in the Negev* – This is an ongoing project of analyzing the settlement structure of these villages and examining their development process, their environmental and ecological impact and scenarios for their future. At present the research is supported by a new grant from the Ministry of Science and Technology, and is carried out with my Ph.D student Yaara Rosner-Manor and Joshua Inkeles, an MA student from AKIS. There are a series of publications in preparation that will form Yaara's doctorate, and we are planning the extension of research to informal settlements in urbanizing areas of developing countries.
2. *Neighborhood Planning, Urban Form, Public Space and Social Life* – This project is part of a continuous theme of my research over the years. At present it is carried out by Rina Magen, who has completed her Master's thesis, and is now working on her Ph.D. at the Porter School of ES. It's also taken up by the work of Amitai Refael-Shnizik, who is completing his Master's thesis.
3. *Rural development and urban agriculture in Israel* – This project examines the transformations in Israel's rural settlements, on one hand, and the re-structuring of agriculture in Israel from intensive, industrial production to a more complex "urban" agriculture. Both sides of this project deal with the increasing blurring of distinction

between urban and rural areas. This project is carried out through Keren Shalev's Master's thesis and now Ph.D. research, supported by the Pratt Foundation, and by Isaac Dima Aksen's Master's thesis work now in its last phases of completion.

4. *Mobility, Accessibility and Urban Form* – This is also a continuous theme of research for me, started in my work on accessibility together with Itzhak Benenson from TAU, and Karel Martens, now at the Technion. I have recently completed an invited review paper on the topic, and am concentrating now on Transit Oriented Development (TOD) in Israel. A recently completed Master's thesis by Alexandru Nurnberg, examined to what degree plans and projects around Beer-Sheva's railroad stations were influenced by TOD principles.
5. *Principles for the re-emergence of Urbanism in the 21st century* – This project brings together the various strands of my research over the years to analyze what has gone wrong in urban process and planning over the 20th century, and how an emerging paradigm of urban design is necessary for the creation of a sustainable urban civilization in the 21st century. Over the course of the last two years I have re-organized my Introduction to Urban Design course to reflect my thinking on the subject, and am now ready prepare a book proposal.

Books and articles to be published:

1. Manor-Rosner Y., Borghini S.G. and **Rofè Y.**, "Stigmergy in semi-nomadic communities: the unrecognized Bedouin villages in the Negev, Israel." Manuscript in preparation for re-submittal to *Environment & Planning B: Planning and Design*.
2. Rosner-Manor, Y., **Rofè Y.** The Bedouin villages as a complex adaptive system – the internal order and its meanings. Manuscript in preparation for *Habitat International*.
3. Rosner-Manor, Y., **Rofè Y.** Between the formal and the informal – Gaps and Conflicts expressed in the regularization processes of the Bedouin villages. Manuscript in preparation for *Planning Practice & Research*.
4. Shalev K., Meir I., **Rofè Y.** "Structure, Typology and Ideology – Examining Hybridity of Rural Villages in Israel" Manuscript in preparation for *Journal of Rural Studies*.
5. **Rofè Y.** "Urbanism, Sustainability and Public Gardens: towards a new conception of urban public space. Manuscript in preparation for *Landscape and Urban Planning*.
6. Manor-Rosner Y., **Rofè Y.** *A Pattern Language Approach to Planning Unrecognized Bedouin Villages in the Negev*. Book Manuscript in preparation (in Hebrew and Arabic).
7. **Rofè, Y.** *Principles for 21st century urban design*. Book manuscript in preparation.

• Additional Information

(a) Projects

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| 2010-13 | PGL Transportation and Traffic Engineers, Rofè Y. , Benenson I., Transportation Master Plan, Bat-Yam, urban design and pedestrian realm consultant. |
| 2010 | Rofè Y. , Peeters A., Meged-Doron E., Sperrhant-Abahel R., Ofek H., Dekel, T., Development and Rehabilitation Plan for Yeruham's Center. |
| 2005-06 | Marino M., C. Onorato, Y. Rofè , L. Ledda and S. Marchese, General Plan of Villabate, Italy. |
| 2004-05 | Rofè Y. and PGL Transportation and Traffic Engineers, Urban Design and Transportation Alternatives for Begin Road, Tel-Aviv. Ministry of Transportation and Netivei Ayalon. |

- 1990 **Rofè Y.** and J. Jolly, Community project developer. Public Garden designed and built by the community. Kerem Hateimanim, Tel Aviv, Israel
- 1986-90 Project architect, S. Mandl Architects, Jaffa, Israel. Architect in charge of various projects including :

(b) Raising public awareness

- 2020 “City and Transportation Podcast” (עיר ותחבורה), 2nd series of the Podcast Drilling the Brain (קודהים בראש) sponsored by the Israel Green Building Council and the Ministry for Environmental Defense, coordinating and hosting the podcast.
- 2010 “Cities in the Desert” BGU Now, Winter 2010/11, pp. 22-23. <http://web2.bgu.ac.il/webmaster/BGUNow/2010/>
- 2009- Participation in “Our Streets” MIU members blog, writing on issues of urbanism, transportation, planning and urban design in Israel: <http://miu.org.il/blog/>, ten articles published so far.
- 2008- Member of the Academic Council to the Green Movement, a new green political party in Israel founded in 2008.
- 2005 "Let the Public Decide" *Haaretz*, June 2, 2005 an article discussing the debate on the green line of the Tel-Aviv Light Rail.
- 2004- Publication of Web-log in Hebrew on issues of urban design, public spaces, transportation and city planning: <http://yodannotes.wordpress.com/> 293 posts published, 77 subscribed followers, and a mean of about 800 viewings a month as of February 25, 2013.

(c) Videos

- 2010 *The Perfect Place for Open Space*, Ben-Gurion University, The Jacob Blaustein Institutes for Desert Research. A short promotional film describing my Public Open Space Research. <http://www.youtube.com/watch?v=iIblwO-LqJI>
- 1994 Jacobs A. and **Y. Rofè** – producers, Macdonald E. – director, *Boulevards: Good Streets for Good Cities*, Institute of Urban and Regional Development, University of California at Berkeley.

• **Synopsis of research, including reference to publications and grants in above lists**

I have continued to pursue and expand the lines of research which have interested me throughout my career, adding new angles and aspects to them as follows:

1. Neighborhoods and Regions – In this theme I have concentrated in recent years on issues of accessibility, with particular emphasis on equity and social justice impacts of urban form and the metropolitan transportation system. This was pursued through research funded by a grant from the Ministry of Science and Technology (2005), and from the Ministry of Transport and Road Safety (2012). It has produced two project reports ((e)6 and (e)16), several refereed papers in journals and books ((c)17, (d)10,11, 20,24), and many conference presentations.

I have also worked in recent years on modeling pedestrian movement and accessibility in urban neighborhoods, both theoretically ((c)8,11, (d)9) and empirically ((d)18,20,22). The latter through participation as a consultant in the preparation of Transportation Master Plan for Bat-Yam, and in cooperative research with Prof. I. Omer from TAU financed by the Road Safety Authority (2010), and the Union of

Insurance Companies Research Fund (2014) ((d)26). In a recent paper prepared with him and our student Rina Magen, we expand this research to look at the impact of neighborhood planning on the location and use of local commerce and services ((d)27).

In both these researches, I am pursuing comparative analysis between desert and non-desert cities. My students Nataly Mednik applied the same indicators, tools and methods for the study of accessibility and equity in Metropolitan Beer-Sheva, and Yuval Cohen examined the qualitative aspects affecting walking in the hope of improving the model described above in the context of a desert city.

2. Streets and Public Space Design – A second theme of research is the design of streets and public spaces. In this theme, I have continued my work on the quality of urban streets ((c)15 and (e)7) and the barriers to traffic calming in Israel ((e)10). This was done through research in collaboration with Prof. M. Margalit of TAU, and with colleagues from BGU and funded by Ran Naor Foundation (2006, 2005).

In this theme I have expanded my inquiries into researching the impact of public open space standards on the quantity, quality and use of public open spaces in Israel. This research was pursued with the help of an ISF grant (2006), and resulted in several publications, both international ((d)14) and in Hebrew ((c)14,(d)13). Here also I have done comparative research between desert and non-desert climates in Israel, finding significantly worse conditions for public open spaces in the desert.

Following the research I organized an international workshop on the issue, financed by the ISF (2010) with participation from the Blaustein Center for Scientific Cooperation. The workshop was attended by 13 international and about 40 Israeli scholars and practitioners.

I am now working on a paper which compares public open space standards in various countries, and examines their impact on the ability to achieve sustainable urban design. The paper shows that streets must be understood as part of the public open space system in order to allow us to design compact and green cities.

3. Pattern Language and the Generation of Urban Form – In the past 6 years I have returned to an exploration that began with my Master's studies with C. Alexander: revisiting the Pattern Language approach to the built environment, and its use in analysis, planning and urban design. The main project in the last three years was the formulation of a Pattern Language for Bedouin informal settlements in the Negev, both as a method of analysis of existing structures, and as a basis for future recognition and planning. This project was carried out with Dr. Abu-Rabia-Queider, and my student Y. Manor-Rosner ((c)12) and assisted by a grant from the Arnov Center for Bedouin Studies and Development (2011). Y. Rosner-Manor is now in completion of her Ph.D. research, and we're in the final stages of preparing various publications on the subject.

Within this theme is also my research on mapping feeling, and the way this map could be used in urban planning and design ((f)5, (d)16,13 and (c)6,18). Other work in this theme are a paper written for a volume celebrating 50 years to Alexander's famous

paper “A city is not a tree” ((c)16), and the edited volume just completed two years ago with K. Pontikis ((b)1).

4. Sustainable Development – This has been a continuing theme in my research and teaching activities, changing according to recent changes in its conceptualization in the academic, professional and policy making arenas. I wrote the urban planning and design chapters in the design manual for bio-climatic construction in Israel, written with my colleagues at the department ((a)2). Recently I’ve co-edited a book with my late friend and colleague K. Pontikis on combining aspects of humane and sustainable architecture and building ((b)2). I have continued my work on Transit Oriented Development (TOD), and its potential to reduce dependence on automobile travel in Israel, as well as to spur development in the periphery and in particular in the Northern Negev ((c)8). I’ve participated as an expert in project Sustainable Outlook for Israel 2030, and its continuing project Urban Sustainability (carried out at the Jerusalem Institute of Israel Studies for the Ministry of Environmental Protection) ((e)11,17,18). I’ve also looked at the public’s acceptance of sustainable neighborhood design principles through research financed by the Ministry for Environmental Defense and Shikun vBinui ((e)15,(d)26). I’ve supervised students in research thesis on Cities for Climate Protection Initiative in Israel ((c)7), and on using social inquiry in the evaluation of Cross-Border Ecological Services ((d)12,17). It has also informed my co-ordination with Dr. Alfasi of a group of professionals and academics in writing the planning sub-chapter in the alternative experts group coordinated by Prof. Yonah and Spivak at the time of the 2011 protest ((c)9).

Paying particular attention to the Negev, I’ve organized a workshop together with Prof. Daniel Gat, at the Sapir College to promote TOD around the new railroad stations of the cities in the Northern Negev. This workshop was attended by all mayors of Northern Negev towns. I led a group of professionals in developing a plan for the rehabilitation of the center of Yeruham in a successful bid for financing by the Ministry of the Interior ((e)8), and participated in the academic group assisting the WEALTH project for Sustainable Local Economic Development led by Shatil. With my students F. Sheinkman and N. Mednink we wrote a paper on the pattern of settlement of Mitzpeh Ramon ((f)12). I am currently supervising K. Shalev in her Ph.D research, continuing her Master’s thesis investigating the extensions of small settlements in the Negev. I was also a part of a research team headed by Prof. Alfasi examining the social and urban implications of the transfer to the Negev of the IDF bases ((e)19).