

Date : February 2020

CURRICULUM VITAE

Full name: **Pnina Ohanna Plaut**
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Place of birth: Israel
Address: Faculty of Architecture and Town Planning,
Technion – Israel Institute of Technology, Haifa, 32000 Israel
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At present- Associate Professor at the Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology. Former Vice Dean for Graduate Studies, Research and Faculty Promotion (Oct. 2017- March 2019), Chair of Graduate Program in Urban and Regional Planning (2013- Oct. 2017) and former Director of the Center for Urban and Regional Studies at the Technion (2006-2008).

ACADEMIC DEGREES

1995 - PhD in City and Regional Planning, University of California, Berkeley
1986 - MSc in Urban and Regional Planning, Technion - Israel Institute of Technology
1979 - BSc in Civil Engineering, Technion - Israel Institute of Technology

ACADEMIC APPOINTMENTS

Associate Professor in Urban and Regional Planning, Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology

RESEARCH INTERESTS

Transportation and Land Use Planning and Policy,
Impacts of Infrastructure (Transportation and Telecommunications) on Economic Development,
Urban/Regional Structure and the Environment,
Smart Cities and New Mobility Services,
ICT Social Networks, Travel Behaviour and Urban Structure.

-“Active” Transport and the Built Environment – “Healthy City”, including Active Living by Design and Health Promoting Environments.

TEACHING COURSES

Studio 1 (Ulpan 1): Urban Planning – Graduate Studies in Urban and Regional Planning

Urban Infrastructure Planning – Graduate Studies in Urban and Regional Planning

Research Design – Graduate Studies in Urban and Regional Planning

PhD Advanced Seminar in Urban and Regional Planning

Smart Cities - Graduate Studies in Urban and Regional Planning.

PUBLIC PROFESSIONAL ACTIVITIES

2020 Academic consultant and referee for The Israeli Centre for the World Economic forum's Centre for the Fourth Industrial Revolution (C4IR).

2019 Academic consultant and referee for the World Economic Forum, Global New Mobility Coalition, New York, US.

GRADUATE STUDENTS

Completed Theses

PhD Dissertation (6 students)

2019 Maya Ben-Dror , PhD
" The Role of Social media in Transportation Policy"
Principal Supervisor: Pnina Plaut.

2018 Na'amah Hagiladi, PhD
"Social Networks and Travel Behaviour in the Urban Environment"
Principal Supervisor: Pnina Plaut.
Currently- Working in a Transportation Firm in London.

2017 Zurit Armon-Zur, PhD
"Public-Private Partnership in Transport Infrastructure Development"

Principal Supervisor: Pnina Plaut

- 2015 Tal Modai, PhD
Direct track. (Recipient of Azrielli Fellowship 2007-2009 and Israel Foundations Trustees – Research Grant for Doctoral Students in the Social Sciences 2011-12)
“Intra- Metropolitan Residential Mobility as a Generator of Spatial Sorting”
Principal Supervisor: Pnina Plaut.
Currently-Recipient of Marie-Curie Post-doctoral Research Fellow- Delft
- 2013 Mika Moran, PhD
(Recipient of Guttvirt Fellowship 2010 and Jacobs Fellowship 2011)
“Healthy Cities, Active Living and the Built Environment”
Principal Supervisor: Pnina Plaut
Currently- Post-Doc in University of California Berkeley, USA.
- 2013 Gilad Hazan, PhD (Recipient of Sapir Award 2009)
“Evaluation of Sustainable Development in Plans: Theory, Practice, Method”
Principal Supervisor: Pnina Plaut
Currently- Private practice.

MA theses (35 students)

- 2019 Baiana Grinshpoon, MSc.
“The Status of the Health Impact assessment and the Presence of Health Aspects in the Planning System in Israel in the Context of National Projects”.
Principal Supervisor: Meirav Aharon, and Pnina Plaut.
- 2019 Sabri khoury, MSc.
“The Virtual Image of the City- Creating Virtual Image of Cities Using Social Networks Sites Information (SNSi)”
Principal Supervisor: Pnina Plaut
- 2018 Roy Zaban, MSc.
“Cities’ Parking Lanes in an Autonomous Vehicles Era”
Principal Supervisor: Pnina Plaut
- 2018 Oded Gal, MSc.
“Perception and Usage of Ridesharing and the Role of Trust”
Principal Supervisor: Pnina Plaut
- 2017 Michal Gat- Morad, MSc.
"Enhancing pedestrians navigation experience by means of smart urban environments"
Principal Supervisor: Yehuda Kalay, Co- Supervisor: Pnina Plaut
Currently- PhD student in ETH, Switzerland.

- 2017 Ido Schnitzer, MSc.
" Virtual Centrality and Physical Connectivity: Examining the Interplay between Facebook Use Intensity and the Users' Travel Behavior"
Principal Supervisor: Pnina Plaut
- 2017 Ofer Menahem, MSc.
"Inequality and commuting – is increasing commuting correlates with inequality?", Principal Supervisor: Pnina Plaut
- 2016 Daliah Dombrowski, MSc.
"The relationships among social networks, mobility patterns and travel behaviour among elderly". Principal Supervisor: Pnina Plaut
- 2016 Or Caspi, MSc.
"Electric bikes usage potential as a substitute for private car usage in Israel"
Principal Supervisor: Pnina Plaut
Currently- PhD student in the US
- 2016 Liron Shahaf, MSc
"The Contribution of Environment Impact Statement to the Incorporation of Environmental Protection Measures in Statutory Plans: A Comparative Study of Two Planning Tracks in Israel".
Principle Supervisor: Daniel Orenstein ,Co-Supervisor: Pnina Plaut
- 2016 Noa Praver, MSc.
"You want to maximize your financial gain. What about mine?": Analysis of National Outline Plan No. 38 as a Planning Deal and its impact on the Organizing of Homeowners".
Principle Supervisor: Meirav Aharon ,Co-Supervisor: Pnina Plaut
Currently - Project Manager at Ezra and Bitzaron
- 2015 Shai Am-Shalem, MSc.
" Urban Intentional Communities and Correlation with Sense of Community in Disadvantaged Neighborhoods - Case Study: Hadar Hacarmel, Haifa"
Principal Supervisor: Efrat Eizenberg, Co- Supervisor: Pnina Plaut
- 2015 Emri Brinker, MSc.
"Population evacuation in an area that is prone to Tsunami flooding- Bat Galim, Haifa as a case study"
Principal Supervisor: Michelle Portman, Co- Supervisor: Pnina Plaut

- 2015 Sharon Slekinder, MSc.
"The integration of Small Scale Archaeological Sites in the Modern Urban Fabric: Evaluation of the Relationship Between the Site and Its Environment"
Principal Supervisor: Michelle Portman, Co- Supervisor: Pnina Plaut
- 2014 Neta Shemer, MSc.
(Recipient of "The Whole Organizm" Award- Ministry of Agriculture- 2010/11)
" Planning Patterns of the kibbutz in renewal"
Principal Supervisor: Pnina Plaut
- 2014 Roy Ben- Yehuda, MSc. "The Construction of Light Rail Infrastructure and Commercial Land Uses in Jaffa Street, Jerusalem".
Principal Supervisor: Pnina Plaut
- 2013 Atalya Gilad, MSc. " The Characteristics of the Door-to-Door Journey to Work and its Effect on the Demand for Rail Commuting".
Principal Supervisor: Pnina Plaut
- 2012 Barak Tepper, MSc. "Preservation of Zichron Ya'akov Realms of Memories".
Principal Supervisor: Peera Goldman, Co- Supervisor: Pnina Plaut
Teaching at Betzalel- Jerusalem
- 2011 Alon Lotan, MSc, "Virtual Environments and User Characteristics- The Holand Model", Principal Supervisor: Pnina Plaut
Private Practice
- 2008 Zurit Armon, MSc, "Tunneling in Highways: A Study of the Willingness to Pay for Preserving Open Space", Principal Supervisor: Pnina Plaut
- 2008 David Bornshtein, MSc "Factors Affecting the Use of a Dynamic Tripmatching Carpool System: A Case Study- Technion, Israel".
Principal Supervisor: Pnina Plaut
- 2008 Dalya Asis, MSc, "Impacts of Investments in Urban Rail Transit on Land Values: Evaluating the Impact of the Tel-Aviv Light Rail Transit on the Price of Residential Apartments Near Station Locations in the Planning Period".
Principal Supervisor: Pnina Plaut
Private Practice
- 2007 Yoav Malter, MSc., "Bicycle Usage and the Built Environment: Identification and Analysis of Physical Patterns Affecting Urban Bicycle Ridership". Principal Supervisor: Pnina Plaut
Private Practice

- 2007 Orly Berdugo, MSc, "Planning for Pedestrians: Factors affecting Pedestrian Street Success or Failure", Principal Supervisor: Pnina Plaut
- 2006 Sharon Levy, MSc, "Land Use Impacts of Highway Investments: Examining the Impact of the Cross-Israel Highway (HWY6) on Land Use Patterns at Interchanges",
Principal Supervisor: Pnina Plaut, Co- Supervisor: Prof. Daniel Shefer.
Private Practice
- 2006 Greg Newmark, MSc, "The Impact of New Suburban Malls on the Sustainability of Shopping Travel", Principal Supervisor: Pnina Plaut
PhD at UC Berkeley
- 2005 Ezer Fishler, MSc, "Development of a Model to Identify Influences of Urban Development upon Ecosystems using Fragmentation Measures," Principal Supervisor: Yohay Carmel; Additional Supervisor: Pnina Plaut
Professional planner at "Tzalool"- an NGO for water protection
- 2005 Iris Ben-Shabbat, MSc, "Trends and Travel Characteristics at the Carmelit between the Years 1973-2001".
Principal Supervisor: Pnina Plaut, Co- Supervisor: Prof. Daniel Shefer
- 2005 Gilad Hazan, MSc, "Evaluating Sustainable Development: Integrated Transportation and Land Use Planning" Principal Supervisor: Pnina Plaut, Additional Supervisor: Prof. Daniel Shefer,
Currently- Private practice.
- 2005 Iris Diamant Alzur, MSc, "Planning for Cycling: Planning Tools for Encouraging Bicycling as an Alternative to Use of Private Cars", Principal Supervisor: Pnina Plaut, Co- Supervisor: Prof. Daniel Shefer
- 2004 Wafa Elias, MSc, "Effects of Bypasses on Urban Development: A Case Study of Majd al-Kroom", Principal Supervisor: Associate Prof. Shalom Hakert (Faculty of Civil and Environmental Engineering), Additional Supervisor: Pnina Plaut. Finished PhD at the Technion,
Currently- Faculty member at Sami Shamuon College.
- 2004 Rivka Aspler-Yaskil, MSc, "Consumer Behavior of Women in the Contemporary City – Netanya Case Study", Principal Supervisor: Rachel Kallus, Co- Supervisor: Pnina Plaut
- 2004 Idit Fattal, MSc, "Demand Characteristics for a Feeder to the Carmelit by Paratransit Service", Principal Supervisor: Pnina Plaut, Co- Supervisor: Prof. Daniel Shefer

- 2003 Miron Mendelson, MSc, "Planning for Cycling: Spatial and Traffic Planning",
Principal Supervisor: Pnina Plaut, Co- Supervisor: Prof. Daniel Shefer
- 2003 Tali Vishniya Shabtai, MSc, "Adviser to Public Participation in Planning – Role
Definition", 2003, Principal Supervisor: Pnina Plaut, Co- Supervisor: Prof. Arza
Churchman

Theses in Progress (5 PhD students and 3 Master students)

- 2019 Roy Zaban, PhD student- Pre qualifying exam.
“Personalized Neighborhoods: Individual-based approach for land use allocation in
cities”.
Principal Supervisor: Pnina Plaut.
- 2018 Hazav Yoffe, PhD student- qualifying exam 2019
“Performance Evaluation of Landscape Projects Using Quantitative Data: Towards Big
Data Application”.
Principal Supervisor: Yasha Grobman and Pnina Plaut.
- 2017 Fabian Israel, PhD student- qualifying exam 2018
“A New Mobility System Based on Technological Change and Societal Transition – The
Case of Autonomous Vehicle”.
Principal Supervisor: Pnina Plaut.
- 2017 Yuval Rubinstein, PhD direct track- qualifying exam 2017
Direct track. (Recipient of Azrielli Fellowship 2015-2017).
"Dynamic Urban Planning - Conceptual framework design for a dynamic urban planning
model, based on advanced data systems"
Principal Supervisor: Pnina Plaut
- 2014 Lihi Golan, PhD student, direct track, qualifying exam August 2015
"Evaluation of the Planning Process for Biosphere Reserves in Israel"
Principal Supervisor: Daniel Orenstein and Pnina Plaut
- 2019 Avital Schmidt, MSc.
“Measuring walkability and its influencing factors in Tel-Aviv, using cellphone
Bluetooth data”.
Principal Supervisor: Pnina Plaut
- 2017 Dalit Dover, MSc.
“Combining civil protection in urban underground spaces”.
Principle Supervisor: Dalit Shach-Pinsly, Co- Supervisor: Pnina Plaut.

- 2017 Hadar Rothschild, MSc.
 “Diversity's Physical Characteristics Evaluation in City Plans”.
 Principle Supervisor: Dalit Shach-Pinsly, Co- Supervisor: Pnina Plaut.

RESEARCH GRANTS (last ten years)

Sponsored

- 2018-20, Subject: “Emergency Readiness Knowledge and Research Center”.
 Led by Prof. Debra Shmueli from the University of Haifa. Technion group leader:
 Pnina Plaut. Funded by The Ministry of Science, Technology and Space
- 2017-19, Subject: “New Methodology for Systems Engineering for Smart Cities”.
 Co-principal investigator (with Prof. Reuven Cohen, Yoram Shiftan and Eran
 Reuveni). Funded by Gordon B. Fund for System Engineering-
- 2015-18, Subject: " Mobility and Way-Finding of Older Adults in Urban Areas - GoOld ICT
 Spatial Mobility Application". Co-principal investigator (with Dr. Naomi Schreuer,
 Dr. Rachel Kizony and Dr. Gary Sinoff from Public Health at the University of
 Haifa). Funded by The Ministry of Science, Technology and Space -
 Conducted at The Center for Urban and Regional Studies, Technion
- 2015-17, Subject: " MIND-SETS - Mobility Innovations for a New Dawn in Sustainable
 (European) Transport Systems"
 Funded by EU Horizon 2020: Call MG-9.2-2014-
 Partner in a consortium. Led by Prof. Laurence Pickup
 Conducted at The Center for Urban and Regional Studies, Technion
- 2014-18, Subject: "Social Networks and Travel Behaviour"
 Funded by The EU COST Action TU1305, Domain Committee Transport and Urban
 Development (TUD) - Chair, Initiator and Project's Coordinator (of researchers from
 31 EU Countries) Conducted at The Center for Urban and Regional Studies,
 Technion
- 2014-16, Subject : Forests, Parks and Open Spaces as Health Promoting Environments- Pilot Project
 Reducing Overweight and Obesity". Co-principal investigator (with Dr. Ronit Endevelt).
 From Public Health at the University of Haifa) Funded by the Keren Kayemet L'Israel
 (Jewish National Fund),
- 2012-16, Subject: "Obesogenic Environments and adolescent obesity: Identifying
 environmental factors related to childhood obesity"
 Co-principal investigator (with Prof. Orna Baron-Epel and Dr. Ronit Endevelt from
 Public Health at the University of Haifa). Funded by The Israel Science Foundation-
 ISF,

- 2012-13, Subject: "The Role of Forests, Parks and Open Spaces as Health Promoting Environments". Principal investigator.
Funded by the Keren Kayemet L'Israel (Jewish National Fund),
Conducted at The Center for Urban and Regional Studies, Technion
- 2011-13, Subject: "Spatial Profile: an Assessment Tool for Sustainable Development"
Principal investigator. Funded by the Ministry of Environment Protection,
Conducted at The Center for Urban and Regional Studies, Technion

PUBLICATIONS

Theses

PhD Dissertation: Transportation/Communications Relationships in the European Community, University of California at Berkeley (1995)

MSc Thesis: Factors Affecting Patterns of Travel and Shopping Duration in the Tel Aviv Region –Analysis and Planning Implications, Technion – Israel Institute of Technology (1986)

Refereed papers in professional journals

Published Papers

1. **Pnina O. Plaut**, "Privatization of Transport Investments," Berkeley Planning Journal, Volume 6, August, 145-160, 1991.
2. **Pnina O. Plaut**, "Telecommunications vs. Transportation" Access (Journal of University of California Transportation Center, all campuses of UC system), No. 10, Spring, 21-26, 1997.
3. **Pnina O. Plaut**, "Transportation-Communications Relationships in Industry," Transportation Research A (Policy and Practice) Vol. 31A (6), November, 419-430, 1997.
4. **Pnina O. Plaut** and Steven E. Plaut, "Endogenous Identification of Multiple Housing Price Centers in Metropolitan Areas", Journal of Housing Economics 7, September, 193-217, 1998.
5. **Pnina O. Plaut**, "The Comparison and Ranking of Policies for Abating Mobile-Source Emissions," Transportation Research D (Transport and Environment) Vol. 3(4), July,

- 193-205, 1998.
6. **Pnina O. Plaut**, "Do Telecommunications Reduce Industrial Uses of Transportation?: An International Comparative Analysis among Israel, North America and Europe," World Transport Policy and Practice 5(4), 42-50, 1999.
 7. **Pnina O. Plaut** and Deborah F. Shmueli, "Sustainable Transport - A Comparative Analysis of Israel, the Netherlands and the United Kingdom," World Transport Policy and Practice 6(1), 40-58, 2000.
 8. **Pnina O. Plaut** and Steven E. Plaut, "Income Inequality in Israel," Israel Affairs (published by University of London, Prof. E. Karsh - editor) 8(3), Spring, 47-68, 2002.
 9. **Pnina O. Plaut**, "Warehousing and the Efficiency of the Transportation System," Traffic and Transportation Studies, July, 334-341, 2002.
 10. **Pnina O. Plaut** and Steven E. Plaut, "The Inversion of the Land Gradient in the Inner City of Haifa, Israel," Journal of Real Estate Research 25(4), October-December, 557-576, 2003.
 11. **Pnina O. Plaut** and Marlon G. Boarnet, "New Urbanism and the Value of Neighborhood Design," Journal of Architectural and Planning Research 20(3), Autumn, 254-65, 2003.
 12. **Pnina O. Plaut** and Steven E. Plaut, "The Economics of Housing Savings Plans", Journal of Real Estate Economics and Finance 28(4), June, 319-3, 2004.
 13. Newmark, G., **P.O. Plaut**, and Y. Garb, "Changes in Shopping Travel Behavior in an Era of Rapid Economic Transition: Evidence from Newly built Malls in Prague", Transportation Research Record 1898, 165-174, 2004.
 14. **Pnina O. Plaut**, "Travel to Work by Nonmotorized Modes in the United States and Israel," Traffic and Transportation Studies, August, 79-88, 2004.
 15. **Pnina O. Plaut**, "Non-Commuters: The People who Walk to Work or Work at Home," Transportation 31(2), May, 229-255, 2004.
 16. **Pnina O. Plaut**, "The Uses and Users of SUVs and Light Trucks in Commuting," Transportation Research D 9(3), May, 175-83, 2004.
 17. **Pnina O. Plaut** and Steven E. Plaut, "The Preference for Housing Option Bundling." Journal of Housing Research 15(1), 81-94, 2005.
 18. Newmark, Greg and **Pnina O. Plaut**, "Trip Chaining Behavior at Fringe Malls in Transitional Economies", Transportation Research Record 1939, 174-183, 2005.
 19. **Pnina O. Plaut**, "Non-Motorized Commuting in the US," Transportation Research D

- 10(5), September, 347-356, 2005.
20. **Pnina O. Plaut**, "The Intra-Household Choices Regarding Commuting and Housing", Transportation Research A 40(7), August, 561-571, 2006.
 21. **Pnina O. Plaut** and Steven E. Plaut, "Decisions to Renovate and to Move" Journal of Real Estate Research 32(4), October-December, 461-484, 2010.
 22. **Pnina O. Plaut**, "The Characteristics and Tradeoffs of Households Choosing to Live in Gated Communities", Environment and Planning B, 38(5), 757-775, 2011.
 23. **Pnina O. Plaut** and Peera Goldman, "The Carmel Ridge in Haifa – Historic Development and Future Prospects", Accepted in Horizons in Geography (Ofakim)
 24. **Pnina O. Plaut** and Steven E. Plaut , "Who Wants to be a Landlord? Factors that Affect the Inclination of Israeli Households to Rent out Property", International Real Estate Review 16(1), Spring, 119-133, 2013.
 25. **Pnina O. Plaut** and Steven E. Plaut , "Housing the Ex: Factors that Affect the Housing Solutions of the Divorced and the Separated", International Real Estate Review 17 (2), Summer, 203- 222, 2014.
 26. Moran, M., Goldblat, R., **Plaut, P.**, Endevelt, R., and Baron-Epel, O., "The Socioeconomic and Spatial Dimensions of Adolescents Overweight and Obesity: The Case of Arab and Jewish Towns in Israel", Journal of Environment and Health Sciences, 1(2): 1-12, 2015
 27. **Pnina O. Plaut** and Steven E. Plaut , "Income Disparities by Ethnicity in Israel", Israel Affairs 21(1), pp. 1-26, 2015.
 28. Tal Modai-Snir and **Pnina O. Plaut**, "Intra-metropolitan Residential Mobility and Income Sorting Trends", Letters in Spatial and Resource Sciences, 8(3), pp. 291-305, 2015.
 29. Moran, M., **Plaut, P.** and Baron-Epel, O., "Do children walk where they bike? Exploring environmental correlates of children's walking and biking" Journal of Transport and Land Use, Special Section: Children and Youth Transport and Land Use Theory. 9, (2), pp.1-23, 2016.
 30. Moran, M. and **Plaut, P.** " Neighborhood physical attributes related to active living". Horizons in Geography (Hebrew) Vol.89, pp. 61- 83, 2016
 31. Moran, M., **Plaut, P.**, and Merom, D. (2017). Is the grass always greener in suburban neighborhoods? Environmental and psychosocial correlates of outdoors play. in: International Journal of Environmental Research and Public Health 14 (7), pp.759- 80, 2017

32. Moran, M., Eizenberg, E., and **Plaut, P.** Getting to know a place: Neighborhood walkability and children's orientation. (2017). International Journal of Environmental Research and Public Health. 14(6), pp.607-630, 2017.
33. Michal Gath Morad, Davide Schaumann, Einat Zinger, **Pnina O. Plaut**, Yehuda E. Kalay "How Smart is The Smart City? Assessing the Impact of ICT on Cities". Lecture Notes in Artificial Intelligence, Springer. 2017
34. Tesler, R., **Plaut, P.** and Endevelt, R." The Effects of an Urban Forest Health Intervention Program on Physical Activity, Substance Abuse, Psychosomatic Symptoms, and Life Satisfaction among Adolescents", International Journal of Environmental Research and Public Health, <http://www.mdpi.com/1660-4601/15/10/2134/html> doi: 10.3390/ijerph15102134, September 2018
35. Modai-Snir Tal and **Pnina Plaut**, "The analysis of residential sorting trends: Measuring disparities in socio-spatial mobility". Urban Studies, 56 (11), Nov. 2018
36. HaGani Neta , Mika Moran, Or Caspi , **Pnina Plaut** , Ronit Endevelt and Orna Baron-Epel , "The Relationships between Adolescents' Obesity and the Built Environment: Are They City Dependent?", International Journal of Environmental Research and Public Health, 16(9). May 2019. [https://doi: 10.3390/ijerph16091579](https://doi.org/10.3390/ijerph16091579).
37. Schreuer Naomi , **Pnina Plaut**, Golan Lihi, and Sachs Dalia , "The Relations between Walkable Neighborhoods and Active Participation in Daily Activities of People with Disabilities", Journal of Transport & Health, Vol. 15, December 2019. <https://doi.org/10.1016/j.jth.2019.100630>

Published Review Papers (Refereed)

38. Moran, M., Van-Cauwenberg, J., Hercky-Linnewiel, R., Cerin, E. and **Plaut, P.** "Understanding the relationships between the physical environment and physical activity in older adults: A systematic review of qualitative studies". International Journal of Behavioral Nutrition and Physical Activity. 2014:11/79, 2014.

Refereed book chapters (8 Items)

1. **Pnina O. Plaut** and Steven E. Plaut , "Economic and Planning Aspects of Transportation Emissions", Chapter 4 *in* Eran Sher, ed., Handbook of Air Pollution from Internal Combustion Engines - Pollutant Formation and Control, Academic Press, pp. 65-89, 1998
2. **Pnina O. Plaut** and Arza Churchman, "A Model for Public Participation in Urban Planning in Haifa, Israel," *in* Arza Churchman and Elisheva Sadan, eds., Participation:

From Public Involvement to Civic Participation, (Hebrew), Kibbutz Meuchad Publishers. pp. 127-39, 2003

3. **Pnina O. Plaut**, "Do Telecommunications Make Transportation Obsolete?", *in* Steven Graham, ed., The Cybercities Reader, London: Routledge, pp. 162-67, 2004.
4. Shmueli, D. and **P.O. Plaut**, "Translating Public Participation into Planning Policy – The Israeli Experience," *in* Vigoda-Gadot, E. and D. Levi-Faur (eds.), International Public Policy and Management: Policy Learning Beyond Regional, Cultural, and Political Boundaries, New York, NY: Marcel Dekker, Inc., 2004
5. **Pnina O. Plaut** and Steven E. Plaut , "Household Inequality and the Contribution of Spousal Correlations", Chapter 2 pp.41-58, *in* Khattab, Nabil, Sami Miaari and Haya Stier (eds.), Socioeconomic Inequality in Israel: A Theoretical and Empirical Analysis Palgrave Macmillan, 2016
6. Wessels, B., Kesselring, S. and **Plaut, P.** "How to define Social Network in the context of mobilities?" Chapter 2 *in* Plaut, P., and Shach-Pinsly, D.,(Eds.): *Digital Social Networks and Travel Behaviour in Urban Environments*, Publisher: Routledge: London, 2019.
7. **Plaut, P.**, and Shach-Pinsly, D., "Introduction; for the book: Digital Social Networks and Travel Behaviour in Urban Environments, In Plaut, P., and Shach-Pinsly, D., (Eds.), *Digital Social Networks and Travel Behaviour in Urban Environments*. Publisher: Routledge, London, 2019
8. **Plaut, P.**, and Shach-Pinsly, D., "Big Data for Smart and Virtual Mobility". In Plaut, P., and Shach-Pinsly, D., (Eds.) *Social Media and Big Data in Transport Analysis and Planning*, Publisher: Routledge, (accepted) expected 2020.

Refereed Books (2 items)

Plaut, P.O., and Shach-Pinsly, D., (Eds.), *Digital Social Networks and Travel Behaviour in Urban Environments*, Publisher: Routledge: London, 2019.
<https://doi.org/10.4324/9780429488719>.

Plaut, P.O., and Shach-Pinsly, D., (Eds.), *Social Media and Big Data in Transport Analysis and Planning*, Publisher: Routledge: London, (under review) expected 2020.

Refereed Special Issues (Eds)

Maoz, Y., **Plaut, P.**, Omer, I., and Shach-Pinsly, D., (Eds.), Special Issue titled: "Methods for Evaluating and Designing the Built Environment", Horizons inon Geography, Vol 89, 2016 (in Hebrew).

Reports- Research and Professional Reports (26 Items)

1. Rachelle Alterman, Moshe Hill, Naomi Carmon and **Pnina O. Plaut**, "Comprehensive Evaluation of Project Renewal in Israel - Neve Israel, Herzliya Neighborhood Report", Neaman Institute, Technion, (Hebrew), 1995.
2. Ariella Vranesky, Arza Churchman and **Pnina O. Plaut**, "Women and Conflict: Gender Differences in Attitudes Concerning Conflict and Conflict Resolution," Center for Urban and Regional Studies, Faculty of Architecture and Town Planning, Technion, (working paper), 1993.
3. **Pnina O. Plaut**, "The Role of Transportation and Communications in the Israeli Economy," Eshkol Fund Report, Ministry of Science and Technology, 1995.
4. **Pnina O. Plaut**, "Transportation and Communications Relationships in Canada and Israel," Israel Association for Canadian Studies, Hebrew University, 1996.
5. Ariella Vranesky and **Pnina O. Plaut**, "The Development of the Haifa Coastline" Policy Paper, Center for Urban and Regional Studies, Technion, (Hebrew), 1997.
6. **Pnina O. Plaut**, "Literature Review on International Experiences in Coastal Development", Submitted to the Israel Coastal Water Commission and the Israel Society for the Preservation of Nature, (Hebrew), 1997.
7. **Pnina O. Plaut** and Ariella Vranesky, "Economic Aspects of the Marina Project in Haifa," Report Submitted to Coastal Waters Commission, Jerusalem, (Hebrew), 1997.
8. Ariella Vranesky, Nili Shchori and **Pnina O. Plaut**, "Community Involvement in Urban Development and Education," Research and Development Report, Center for Urban and Regional Studies, Technion, prepared for The Haim Zippori Center for Community Education, Vol 1-3, (Hebrew), 1997-98.
9. **Pnina O. Plaut**, "Policies for Abating Mobile Source Emissions", In: "Air Pollution from Transportation in Tel- Aviv". Report prepared by Adam Teva V'Din, (Hebrew), 1999.
10. **Pnina O. Plaut**, "Prospects for Public- Private Partnerships in Developing the Jafa Port" Submitted to The Society for the Protection of Nature in Israel, (Hebrew), 1999.
11. **Pnina O. Plaut**, "Development of Framework for Public Participation in Urban Planning in Haifa, Israel", June, Municipality of Haifa (Hebrew), 2000.
12. Itai Gilboa and **Pnina O. Plaut**, eds., "Public Participation in the Carmelite Project,

- Stella Maris, Haifa, Israel," June, Municipality of Haifa (Hebrew), 2001.
13. Pe'era Goldman, **Pnina Plaut** and Toma Ronen, "Principles for the Development of the Carmel Center and the Carmel Ridge in Haifa", December. The Society for the Protection of Nature in Israel (Hebrew), 2001.
 14. **Pnina O. Plaut** and Arza Churchman, "Public Participation in Development of Coastline," Chapter 5 *in Israeli Coastlines 2001: A Report by the Forum of Coastal Organizations on the Mediterranean Beaches*, May (Hebrew), 2001.
 15. **Pnina O. Plaut**, Gilad Hazan and Daniel Shefer, "Framework for Evaluation of Sustainable Development in Metropolitan Areas: Combined Transportation and Land Use Planning," Jerusalem Institute for Israel Studies- Center for Environmental Studies, December (Hebrew), 2004.
 16. **Pnina O. Plaut**, Meron Mendelson and Daniel Shefer, "Planning for Bicycle Paths: Spatial Planning and Traffic Regulation", The Center for Urban and Regional Studies, Technion, and Ministry of Transportation, (Hebrew), 2005.
 17. **Pnina O. Plaut** and Tal Alon-Mozes, "Land Development within Interchanges", Research Report submitted to Maatz- Israel Roads Company, May (Hebrew), 2007.
 18. **Pnina O. Plaut**, "Analysis of Neighborhoods with High Intensity Airport Noise Pollution", Report submitted to Or-Yehuda Municipality, January (Hebrew), 2008.
 19. **Pnina O. Plaut**, Gilad Hazan and Daniel Shefer.: "Sustainable Development in Cities in Israel- Combined Transportation and Land Use Planning", Jerusalem Institute for Israel Studies -Center for Environmental Studies, (Hebrew), 2008.
 20. Moran, M. and **Plaut, P.**:"Active Living by Design: Environmental determinants of daily physical activity". Center for Urban and Regional Studies, Technion, Haifa. (Hebrew), 2013.
 21. **Plaut, P.**, Moran, M., Mitrani, M., Golan, L.: "Kakal resorts, parks and forests as health promoting environments". Research report funded by Kakal. (Hebrew), 2015.
 22. Pickup, L with Biosca, O, Franckx, L, Konings, H, Mayeres, I, **Plaut, P**, Shach-Pinsly, D, Unal, B, Van Dist, S and M, Van Hulsel, " Mind-sets: A new vision on European mobility". Deliverable 2.1A of the Mind-sets project. European Commission Directorate General for Research, Covent Garden, Brussels. (Oct., 2015, Eng.), 2015.
 23. Unal, B with Biosca, O, Calvet, M., Carreas, B., Franckx, L, Larrea, E., Mayeres, I, Pickup, L, **Plaut, P**, Shach-Pinsly, D, Steg, L., Uljed, A., and M, Vanhulsel," Mind-sets: Interdisciplinary perspectives on mobility". Deliverable 2.1B of the Mind-sets project. European Commission Directorate General for Research, Covent Garden,

Brussels. (Oct., 2015, Eng.), 2015.

24. Konings, H, S, Van Dist, L, Franckx, A, Kershaw, L, Pickup, L, **Plaut, P**, Shach-Pinsly, D, and Unal, B., (2016). The MIND-SETS Approach. Deliverable 3.1 of the MIND-SETS Project, European Commission Horizon 2020 Programme, DG Research, Covent garden, Brussels, 2016 (in English).
25. Biosca, O, Unal, B., Gaggi, S., Sessa C., **Plaut, P**, and Shach-Pinsly, D, (2016). Future Mobility Challenges. Expert Assessments based on the Mind-Sets approach Deliverable 3.2 of the MIND-SETS Project, European Commission Horizon 2020 Programme, hotel Gavà, Barcelona, 2016 (in English).
26. **Plaut Pnina**, Smadar Amir and Dalit Shach-Pinsly : Social Networks and Travel Behaviour, COST Action TU1305 Report , January 2018 (English)

Other publications (7 Items)

1. Gat, D., Y. Maman, **P.O. Plaut**, E. Leck, and S. Bechor, "Planning a Sustainable Urban District – Urban Design, Transportation and Environment," Planning (Tichnun)– Journal of the Israel Association of Planners, Vol. 2(1), 75-97 (Hebrew), 2005.
2. **Pnina O. Plaut**, "Transportation Aspects of Urban Planning", The Journal of Infrastructure and Building Engineering , November, 187-189 (Hebrew), 2005.
3. **Pnina O. Plaut** and Elizabeth Deakin, "Economic and Travel Impacts of Bypass Roads: A Comparative Study of Israel and the U.S", Institute of Urban and Regional Development, UC Berkeley-IURD, Fall 791, 2006
4. **Pnina O. Plaut** and Dalya Asis, "The Impact of Light Rail Transit on Residential Apartment Prices", Real-Estate (Mekarkein), Vol. 7(2), March, 33-54 (Hebrew), 2008
5. Moran, M. and **Plaut, P.**: Active Living by Design: Environmental determinants of daily physical activity. Center for Urban and Regional Studies, Technion, Haifa. (Hebrew), 2013.
6. **Plaut, P.**, Amir, S., and Shach-Pinsly, D., (Eds.), COST Action TU1305 Social networks and Travel Behaviour; COST workshop outcomes – Milano, Italy 14-16 February, Feb. 2018.
7. Selkinder, S., Portman M. and **Plaut P.** "Integration of Archaeological Gardens into the Urban Environment- An Evaluation of the Relationship between the Site

and its Environment”, Planning (Tichnun)– Journal of the Israel Association of Planners, (Hebrew), 15 (2), pp. 37-62, 2018.

CONFERENCES

Plenary, Keynote and invited talks (31 items)

- 2019 “Walking Patterns of Older Adults in Public Urban Spaces”, China_ Israel Workshop, August 5 – 8, University of Nanjing, China. Invited talk.
- 2018 “Data Driven Innovation in a Connected World”, The 10th European Innovation Summit, European Parliament, Brussels, November 27. Invited talk.
- 2018 “Smart Cities in Israel and Worldwide”, Annual Conference of The Israeli Association of Surveyors, Hotel Dan Panorama, Tel Aviv, May 9. Plenary talk.
- 2018 “A New Model for Transport Services”, CIPIC- China – Israel 2nd Conference Center for Urban and Regional Studies, Technion. April 30- May 4. Invited talk.
- 2018 “Social Networks and Travel Behaviour among Students in the EU”, Final Conference of EU COST Action TU1305 on Social Networks and Travel Behaviour, University of Milano Bicocca, February 14-16. Invited talk.
- 2018 “The Relations between Social Networks Meeting Locations and Travel Behaviour”, Seminar at the Department of Geography, Tel Aviv University, January 9. Invited talk.
- 2017 “Smart and Virtual Mobility - Big Data in Mind-Sets”, Joint Conference MIND-Sets and Mobility4EU, Brussels May 22-23. Invited talk.
- 2016 “Smart Cities, Smart People, Smart Decisions”- CIPIC- China-Israel 1st Conference, Nanjing University, China. December 28-29. Invited talk
- 2016 “Smart and Virtual Mobility - Big Data in Mind-Sets”, Workshop – European MIND-Sets Project, Brussels, September 19-20. Invited talk.
- 2016 “Social Networks and Travel Behaviour”, Workshop for Romanian Transport Authorities, Grand Hotel Continental, Bucharest, May 18. Invited talk.
- 2015 "The Contribution of Internet Use to Social Disparities in Obesity among Adults", in International Research Workshop on " Inequalities in Health Promoting Environments: Physical Activity and Diet" Funded by the Israel Science Foundation (ISF) Workshop, University of Haifa, Israel, June 9-11. Invited talk.
- 2014 "Social Networks and Travel Behaviour" in EU COST Plenary Meeting, University of Natural Resources and Life Sciences, Vienna (BOKU), December 11-12. Invited talk.

- 2014 "Social Networks and Travel Behaviour : The Transport Transition in the Digital Age", in The Cities of Tomorrow -The Challenges of Horizon 2020, COST conference, Scuola Holden, Torino, Italy, September 17-19. Invited talk.
- 2014 "Defining Research Agenda of COST Action TU1305: Social networks and travel behaviour", Mobile Tartu conference, University of Tartu, Estonia, July 1- 3. Keynote speaker.
- 2012 "Walkability and behavior – evidence from two neighborhoods in Haifa", Research workshop on "Health Promoting Environments". Conducted at The Center for Urban and Regional Studies, Technion (Pnina Plaut and Michal Mitrany), July. Invited talk.
- 2012 "Walkability and Active Living- Evidence from Two Neighborhoods in Haifa", Conference on "Active and Healthy Cities- The Haifa Model". Conducted at the Faculty of Architecture and Town Planning, Technion (Pnina Plaut and Michal Mitrany), March. Invited talk
- 2010 "Urban Planning and Energy Savings: Where Do they Meet?", Symposium on Alternative Energy Sources and Spatial Planning – an International Comparative Perspective. Conducted at The Center for Urban and Regional Studies, Technion, December. Invited talk
- 2008 "Do Plans Matter?-The Tel Aviv Light Rail System and Housing Prices near Stations During the Planning Period", Seminar given at the National Center for Smart Growth Education and Research, University of Maryland at College Park, Maryland, August
- 2008 "Developing Public Transportation - the Israeli Experience: Light Rail Transit in Tel Aviv, Jerusalem and Haifa", Roundtable, Institute for Public Administration and Delaware Center for Transportation, University of Delaware, August
- 2008 "Impact of Investments in Infrastructure on Land Values", Conference on Real Estate and Environment, Haifa University, July
- 2007 "Evaluating the Impact of the Tel-Aviv Light Rail Transit on the Prices of Residential Apartments", NETA, Tel-Aviv, Roundtable (Pnina Plaut and Dalya Asis), December
- 2005 "Transit-Oriented Development," Seminar in Environment and Geographic Studies, Ben-Gurion University, May
- 2005 "Research Methodology in Architecture and Planning," Panel Discussant, Technion – Faculty of Architecture and Town Planning, April
- 2005 "Goals and Objectives for Light Rail Transit," Panel Discussant, International Workshop on "Planning the Light Rail System for the Tel Aviv Metropolitan Area". Initiated by NETA, January, Tel- Aviv.

- 2004 "Framework for Evaluation of Sustainable Development: Integrated Planning of Land Use and Transportation," Jerusalem Institute for Israel Studies - the Center for Environmental Policy, Roundtable (Pnina Plaut and Daniel Shefer). June
- 2003 "The Architecture of the Carmel Ridge in Haifa," Colloquium in Architecture and Town Planning, Technion, Israel (Pnina Plaut and Pe'era Goldman), November
- 1998 "The Price Structure of Multi-centered Housing Gradients," Haas School of Business, University of California at Berkeley, (Pnina Plaut and Steven E. Plaut), May
- 1998 "The Analysis of Multicentered Metropolitan Areas," Economics Department, University of California at Irvine, April
- 1998 "Transportation-Telecommunications and Urban Structure," Department of City and Regional Planning, University of California at Irvine, February
- 1997 "The Role of Transportation and Telecommunications in European Integration," Institute of Transportation Studies, University of California at Irvine, December
- 1997 "Transportation-Communications Relationships in Industry," Department of City and Regional Planning, Massachusetts Institute of Technology, May

Presentations (giving papers - 56 items)

- 2020 "Evaluating Bluetooth sensors as a tool for collecting pedestrians` flow data" (with Avital Angel, Achituv Cohen and Sagi Dalyot), Mobile Tartu 2020 Conference, Tartu, Estonia, June 29- July 1 (accepted for presentation).
- 2020 "Participation in out of home activities of older adults; looking beyond personal characteristics", (with Schreuer N., Shach-Pinsly D., Rotenberg S. and, Kizony R.), The Annual Conference & Expo of the American Occupational Therapy Association (AOTA), Boston, U.S, March 26-29 (accepted for presentation).
- 2019 "Understanding Social Considerations on Carpooling in the Autonomous Vehicle Era", (with Fabian Israel), 59th ERS (European Regional Science Association) Congress, Lyon, France, August 27 – 30.
- 2019 "Walking Patterns of Older Adults in Public Urban Spaces", (with Shach-Pinsly D., Kizony, R., and Schreuer, N.), AESOP (Association of European Schools of Planning) Conference, Venice, Italy. July 9-13.
- 2018 "Participation in Outdoor Activities of Older Adults: Comparison between Cities with Different Characteristics, (with Schreuer N., Rotenberg S., Sinoff G., Kizony R., and Shach-Pinsly, D.) IFA 14th Global Conference on Ageing, Toronto, Canada, (Appeared in proceeding), August 8–10.

- 2018 "Big Data and Travel Behaviour_ The Impact of Social Networks on Travel Mode Choice", ESOF- EuroScience Open Forum 2018, Toulouse, France, July 9-14.
- 2018 "The Impact of Social Networks on Travel Mode Choice among Students from EU Countries", The 5th European Conference on Sustainable Urban Mobility Plans, Nicosia, Cyprus, May 14-15.
- 2017 "Feld's *Foci* theory and the relations between meeting locations and travel behaviour" (Na'amah Hagiladi and Pnina Plaut) , hEART 2017: 6th Symposium of the European Association for Research in Transportation, Technion, Haifa, Israel Sept. 12-14.
- 2016 "Shared-private transportation and social media: the role of social media as platform for ridesharing: developing an alternative model" (Oded Gal and Pnina Plaut). Mobile Tartu Conference, Tartu, Estonia, June 29-30.
- 2016 "Spatial and psychosocial aspects of children's biking in traditional and suburban neighborhoods" (Moran, M. Plaut P., Orna Baron-Epel), The International Conference on Transport and Health. San Jose, California. June 13-15.
- 2016 "The linkage among social networks, travel behavior and spatial configuration" (Pnina Plaut and Eftihia Nathanail). The 3rd Conference on Sustainable Urban Mobility (CSUM), Volos, Greece, May 26-27.
- 2016 "Electric bikes usage potential as a substitute for private car usage in Israel" (Pnina Plaut and Or Caspi). Regional Science Association International - The Israeli Section, Tel Aviv University, Israel, February
Also- Chair of Session 6 on Environmental and Social Aspects.
- 2015 " Feld's Foci theory and the relations between meeting locations and travel behaviour", (Na'amah Hagiladi and Pnina Plaut). The 14th International Conference on Travel Behaviour Research (IATBR), Windsor, UK, July 19-23.
- 2015 "The socioeconomic and spatial dimensions of adolescents' overweight and obesity: The case of Arab and Jewish towns in Israel", (Baron-Epel, O., Moran, M., Goldblat, R., Plaut, P., Endevelt, R.). ISF International research workshop on Inequalities in health promoting environments: Physical activity and diet, The University of Haifa, June.
- 2015 "The Socioeconomic and Spatial Dimensions of Adolescents Overweight and Obesity: The Case of Arab and Jewish Towns in Israel" (with Baron-Epel, O., Moran, M., Goldblat, R., Quint Yaakov and., Endevelt, R.). The 11th Annual Conference for Health Policy, Tel-Aviv, May
- 2015 "Socio- spatial mobility: analysis of income sorting dynamics in Tel-Aviv

- Metropolitan Area" (Pnina Plaut and Tal Modai). Regional Science Association International - The Israeli Section, Technion, Israel, February
- 2014 "The relationship between the built environment and active living among children" (Pnina Plaut, Mika Moran and Orna Baron-Epel). World Symposium on Transport and Land Use Research, Delft, The Netherlands, June
- 2014 "The relationship between the built environment and active living among children" (Baron-Epel, O., Moran, M., & Plaut, P.). The International Society for Behavioral Nutrition and Physical Activity (ISBNPA) Annual Conference. San Diego, California, USA, May
- 2013 "Socio-spatial mobility and sorting dynamics in light of rising housing prices in the Tel-Aviv metropolitan area" (Tal Modai and Pnina Plaut). Regional Science Association, The 5th Bi-national workshop - Israeli and Dutch sections, Groningen, The Netherlands, October
- 2013 "What makes a healthy community? Examining the role of the built and social environment in enhancing physical activity" (Moran, M., Plaut, P. & Baron-Epel O.). The International 50th Making Cities Liveable Conference. Portland, Oregon, USA, June
- 2013 "Factors affecting willingness of households to rent housing" (Pnina Plaut and Steven Plaut). The American Real Estate and Urban Economics Association Annual International Meeting, Jerusalem, June
- 2013 "Socio- spatial mobility: analysis of sorting dynamics in Tel-Aviv Metropolitan Area" (Pnina Plaut and Tal Modai). Israeli Association for Regional Studies, Annual Conference, Ben Gurion University, January
- 2013 " Socio-spatial mobility of Former Soviet Union immigrants: The trade-off between immigrant concentration level and socio-economic status of the neighborhood" (Pnina Plaut and Tal Modai). International Conference on Migration and Well-Being: Research Frontiers. Organized jointly by Tel Aviv University and The International Sociological Association. Tel Aviv University, January
- 2012 "Socioeconomic integration in the geographic space" (Pnina Plaut and Tal Modai), The 2nd Ruppin International Conference on Immigration and Social Integration: New Frontiers in Research and Policy-Making, Ruppin Academic Center, Israel, May
- 2011 "The built environment from the viewpoint of residents- behavior and perception mapping" (Pnina Plaut and Mika Moran), Annual Conference, Israel Geographic Society, Tel Aviv University, December
- 2011 "The relationship between walkability measures of the built environment and active living of children and their parents" (Pnina Plaut, Mika Moran and Orna Baron-Epel),

1st National Conference on Health Promoting Environments, University of Haifa, February

- 2010 “Smart growth vs. urban sprawl: analysis of the Jerusalem development plan by ‘spatial profiles’”, (Pnina Plaut with Gilad Hazan), Annual Conference, Israel Geographic Society, The Hebrew University, Jerusalem, December
- 2010 “Re-planning of rural cooperative settlements in Israel”, (Pnina Plaut, Peera Goldman, Danny Kedar and Michal Dor), 18th Annual Colloquium of the IGU Commission on the Sustainability of Rural Systems: Sustainability in Transition and the Changing Faces of Rural Areas: Environmental, Social, Cultural and Economic Dimensions. Bar-Ilan University, Ramat- Gan, Israel, July
- 2010 "Walking and Walkability: promoting health-enhancing-physical-activity through environmental change" (Pnina Plaut, Mika Moran and Orna Baron-Epel), WCESS 2010, Wingate Congress of Exercise and Sport Sciences, Zinman College of Physical Education & Sport Sciences at the Wingate Institute, Israel from 3-6 June
- 2009 “Environmental and Behavioral Factors Related to the Safety of Active Recreation among Children” (Pnina Plaut, Mika Moran and Orna Baron-Epel), The 6th Active Living Research (ALR) Annual Conference on: 'Active Communities for Youth and Families: Creating Momentum for Change'; San Diego, California, USA, February
- 2008 "The Decision to Renovate vs. The Decision to Move" (Pnina Plaut and Steven Plaut), 3rd Israel-Netherlands Workshop in Regional Science, Hebrew University, Jerusalem, Israel, November
- 2008 "The Demand for ' Gatedness" – Are Gated Communities Really Refuges for the Privileged?" (Pnina Plaut and Steven Plaut), 2nd Technion-TAU-UBC-UCLA Israel Real Estate and Urban Economics Symposium, Tel- Aviv, Israel, July
- 2008 "The Impact of the Tel Aviv Light Rail Transit on Residential Apartment Prices near Station Locations- The Ramat Gan Case" (Pnina Plaut and Dalya Asis), Israeli Association for Regional Studies, Annual Conference, Beer-Sheva University, April
- 2007 "A Discriminant Methodology for Analysis of Regional and Urban Structure" (Pnina Plaut and Steven Plaut), 5th Israeli-British/Irish Workshop, Regional Science Association International, The Israeli Section, Ramat Gan, Israel, April 2007
- 2006 “Development of a Model to Identify Influences of Urban Development upon Ecosystems using Fragmentation Measures,” (Pnina Plaut, Yohay Carmel and Ezer Fishler), Israeli Association for Regional Studies, Annual Conference, Bar-Ilan University, May
- 2006 “Land Use Impacts of Highway Investments: Examining the Impact of the Cross-Israel Highway (HWY6) on Land Use Patterns at Interchanges” (Pnina Plaut, Daniel

- Shefer and Sharon Levy), Israeli Association for Regional Studies, Annual Conference, May, Bar-Ilan University
- 2005 "Transportation Aspects in Urban Planning," Israel National Conference for Building and Infrastructure, Tel Aviv, November
- 2005 "Local Effects of Highway Bypass Projects" (Elizabeth Deakin and Pnina Plaut), ACSP Annual Conference, Kansas City, Missouri, October
- 2005 "Framework for Evaluation of Sustainable Development: Combined Transportation and Land Use Planning," (Pnina Plaut, Daniel Shefer and Gilad Hazan), European Council for an Energy Efficient Economy (ECEEE), June
- 2005 "Framework for Evaluation of Sustainable Development in Metropolitan Areas", (Pnina Plaut, Daniel Shefer and Gilad Hazan), Israeli Association for Regional Studies, Annual Conference, June, Haifa University
- 2005 "Trip Chaining Behavior at Fringe Malls in Prague," (G. Newmark and P. Plaut), Transportation Research Board, Washington, DC, January
- 2004 "The Demand for Gatedness," American Real Estate and Urban Economics Annual Meetings, Fredericton, New Brunswick, Canada, July
- 2004 "Social and Economic Consequences of Bypass Roads: The Case of Israel," (Pnina Plaut, Daniel Shefer, Wafa Elias and Shalom Hakert), Israeli Association for Regional Studies Conference, Ben-Gurion University, June
- 2004 "Changes in Shopping Travel Behavior in an Era of Rapid Economic Transition: Evidence from Newly-Built Malls in Prague" (G. Newmark, P. Plaut, and Y.Garb), Transportation Research Board, Washington, DC, January
- 2003 "Opportunities and Obstacles to Deliberative Planning Processes – A Comparative Dialogue," (Deborah Shmueli and Pnina Plaut), Third Joint Conference, Associate of Collegiate Schools of Planning/Association of European Schools of Planning (ACSP/AESOP), Leuven, Belgium, July
- 2003 "A Discriminant Methodology for Analysis of Regional and Urban Structure," Eighth Asian Real Estate Society (AsRES) International Conference, Hong Kong, July
- 2002 "Warehousing and the Efficiency of the Transportation System," International Conference on Traffic and Transportation Studies - ICTTS, Guilin, China, July. Also was chairperson of session on transportation logistics.
- 2002 "Non-Commuting and Regional Disparities: Spatial and Social Characteristics of Telecommuters," Israeli Association for Regional Studies Conference, Technion, May

- 2001 "Discriminant Methodology in Urban Structure Analysis," International Real Estate Society conference, Girdwood, Alaska, July
- 2000 "Hedonic Prices and the Value of Neighborhood Design" (Pnina Plaut and Marlon Boarnet), The AREUEA/ENHR Conference, Gavle, Sweden, June
- 1999 "Sustainable Transport: A Comparison Across Three Countries," (Pnina Plaut and Deborah Shmueli), Annual Meetings, Israel Geographic Society, December
- 1998 "Towards a Methodology for Analyzing Multi-Centered Metropolitan Areas," (Pnina Plaut and Steven E. Plaut), American Real Estate and Urban Economics Association, Allied Social Science Association, Chicago, January
- 1996 "Transportation and Communications Relationships in Canada and Israel," Association for Canadian Studies, Hebrew University, Jerusalem, May
- 1995 "Transportation, Telecommunications and Economic Development," Annual Meetings of the Israel Geographic Association, Haifa, April
- 1995 "The Role of Telecommunications in European Integration," International Conference on Telecommunications, Hebrew University, Jerusalem, June
- 1993 "Gender Differences Concerning Conflict Resolution - Myth or Reality", (Ariella Vranesky, Arza Churchman, and Pnina O. Plaut) The Sixth Conference of the International Association of Conflict Management (IACM) Hautlen, Belgium, June

Participation in Organizing Conferences

- 2019 Workshop on "Autonomous Vehicle (AV) Development – Defining the Roles" Organized by the World Economic Forum and supported by the Fuel Choices and Smart Mobility Initiative (FCSMI), EcoMotion, and the Israel Innovation Authority June 11, Expo TLV Tel Aviv, Israel. Workshop leader
- 2018 Cascading Disasters: Theory, Methods and Empirics - International workshop November 28-29, Technion, Israel Institute of Technology, Israel
Co-organizing (with Prof. Debbra Shmueli and Prof. Daniel Felsenstein)
- 2018 Mobility and wayfinding of older adults in public urban open spaces- Research Workshop, Center for Urban and Regional Studies, Technion, December 18.
- 2017 20TH Europe Working Group on Transportation meeting (EWGT), Budapest University of Technology and Economics (BME), September 4-6, Budapest, Hungary.
Member of the scientific committee.

- 2017 Towards user-centric transport in Europe; Challenges, solutions and collaborations, MIND-sets Workshop, Horizon 2020 MIND-sets - Mobility Innovations for a New Dawn in Sustainable Transport Systems, 22-23 May, Brussels, Belgium. Co-Organizing the workshop.
- 2016 Mobility in the 21st century: a road to nowhere, a highway to hell or a stairway to heaven?, MIND-sets Workshop, Horizon 2020 MIND-sets - Mobility Innovations for a New Dawn in Sustainable Transport Systems, 18-19 July, Brussels, Belgium. Co-Organizing the workshop.
- 2016 The 3rd Conference on Sustainable Urban Mobility (3rd CSUM), May 26-27, Volos, Greece. Member of the scientific committee.
- 2015 Workshop on " Smart and Virtual Mobility – the role of Big Data", Expert workshop in EU Horizon 2020 MIND-Sets project, Barcelona, October 29-30
- 2015 International research workshop on " Inequalities in Health Promoting Environments: Physical Activity and Diet", June 9-11, University of Haifa, Israel. Awarded funding by ISF- Israel Science Foundation. Co-organizer (with Orna Baron-Eppel, Ronit Endevelt, Mika Moran and Milka Donchin).
- 2015 The 4th International Conference on Models and Technologies for Intelligent Transport Systems, organized by the IEEE, June 3-5, Budapest, Hungary. Session organizer and moderator.
- 2012 Research workshop on “Health Promoting Environments”, The Center for Urban and Regional Studies, Technion in collaboration with The School of Public Health at the University of Haifa, July. Workshop Organizer and Head of Panel, July 4.
- 2012 National Conference on “Active and Healthy City: The Haifa Model”, held at the Technion, March 2012, Member of the conference organizing committee and head of track “ Enabling Built Environment”. In collaboration with- The Ministry of Health, The Haifa Municipality and The Healthy City Network.
- 2011 Annual Conference, Israel Geographic Society, Tel Aviv University, December 2011 Organizer and head of track: “Evaluation and Measurement of the Built Environment”
- 2011 Research workshop on “Evaluation and quantification of behavior in the built environment”, The Center for Urban and Regional Studies, Technion in collaboration with The School of Public Health at the University of Haifa, July 2011 Guest speaker: Dr. Erica Hinckson from the Auckland University of Technology, New Zealand. Workshop Organizer and Head of Panel on “Conclusions from integrating different research tools”
- 2011 Roundtable on “Economic development in the rural sector”, June 2011 The Center for Urban and Regional Studies, Technion, Roundtable organizer

- 2011 1st National Conference on Health Promoting Environments,
The Center for Urban and Regional Studies, Technion in collaboration with The
school of Public Health at the University of Haifa, February 2011
Member of the organizing committee and the scientific committee
- 2010 Workshop on “Urban environmental factors affecting “active life styles”, June 2010
Guest speaker : Dr. Erica Hinckson from the Auckland University of Technology,
New Zealand.
- 2010 Conference at the Technion
40 Years for the foundation of Urban and Regional Planning studies and the Center for
Urban and Regional Studies at the Technion, June 2010
Member of organizing committee and Session Organizer and Head of Track on
Sustainable Transportation Planning- Transport and the City
- 2008 National workshop at the Technion
"Public Participation in Planning Processes- Future Prospects"
Workshop in honor of the retirement of Prof. Arza Churchman
Workshop Organizer, Haifa, Israel, January 2008
- 2006 Merhav -Movement for Israeli Urbanism Annual Conference
Workshop: "City Action- Developing Strategic Plan for Haifa as a University City"
in collaboration with The Center for Urban and Regional Studies, Technion
Workshop Organizer and Panel discussant (with Arch. Peera Goldman)
Haifa, Israel, November 2006
- 1998 Conference at Technion, “50 Years of Planning in Israel: Theory and Practice”
December 20-21, 1998, Haifa Israel
Session Organizer and Head of Track on Transportation Planning and Infrastructure

Organizing Conferences and workshops for EU COST Action TU1305:

- 2018 COST Action TU1305 Social networks and travel behavior, 8th MC meeting and
final conference, February 14–16, Milano, Italy.
- 2017 COST Action TU1305 Social networks and travel behavior, 7th MC meeting, and
workshop, June 26–27, Krakow, Poland.
- 2016 COST Action TU1305 Social networks and travel behavior, 6th MC meeting, “Social
Media and Big Data Analysis”, Leading panel and assembly discussion, Centre for
Advanced Spatial Analysis, University College London, UK, November 9–11.
- 2016 COST Action TU1305 Social networks and travel behavior – MC & WG (1-4)
workshop, “Ion Mincu” University of Architecture and Urbanism, May 18–19,

Bucharest, Romania.

- 2016 COST Action TU1305 Social networks and travel behavior; WG3 meeting titled: Urban Analysis methods in the context of Social Networks and Travel Behaviour, Faculty of Architecture and Town planning, Technion, March 29–30, Haifa, Israel.
- 2015 The third annual COST Action TU1305 Social networks and travel behaviour – MC & WG (1-4) workshop, the Faculty of Architecture and Town planning, Technion, Oct. 14 –15, Haifa, Israel.
- 2015 The second annual COST Action TU1305 Social networks and travel behaviour – MC & WG (1-4) workshop, Faculty of Transport Engineering and Vehicle Engineering, Department of Transport Technology and Economics, Budapest University of Technology and Economics (BME), June 1 –3, Budapest, Hungary.
- 2015 COST Action TU1305 Social networks and travel behavior; Tasks groups meeting: Inter work groups – Tasks A-F. Liege, Belgium, April 28-30.
- 2014 The first annual COST Action TU1305 Social networks and travel behavior – MC & WG (1-4) workshop meetings, University of Natural Resources and Life Sciences, BOKU, Vienna, 11-12 December 2014.