

CURRICULUM VITAE

March 2021

Name: **ELIAHU STERN**
Date and Place of Birth: January 5, 1948, Tel-Aviv, Israel
Marital Status: Married + 3 children
Present Position: Professor Emeritus of Geography and Planning
Department of Geography and Environmental Development,
Ben-Gurion University of the Negev, Beer Sheva 84105,
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Education: B.A. (Geography and Archaeology), Tel Aviv University,
Tel Aviv, 1972.
M.A. (Geography), Tel Aviv University, Tel Aviv, Israel,
1974.
Ph.D. (Geography, Transport & Urban Planning), University
of Minnesota, Minneapolis, U.S.A., 1976. "Public
Transportation as an Intra-Regional Transit Mode",
under the supervision of Prof. Russell B. Adams.

ACADEMIC EXPERIENCE

- Professor Emeritus, Ben-Gurion University of the Negev, Israel, (2016-).
- Visiting Professor, The Faculty of the Built Environment, University of New South Wales, Sydney, Australia, (2007).
- Visiting Scholar, The JBL School of Public Affairs and the Department of Geography, The University of Texas, Austin, USA, (2002).
- Professor, Ben Gurion University of the Negev, Israel, (1993-).
- Visiting Professor, Faculty of Architecture, Institute of Urban planning and Architecture, Delft University of Technology, The Netherlands, (1989).
- Associate Professor, Ben Gurion University of the Negev, Israel, (1987-1993)
- Visiting Assoc. Professor, Department of Geography, University of Pretoria, South Africa (1982-1983).
- Chairman, Department of Geography, Ben-Gurion University, (1981-1982), (1984-1988).
- Head, Geo-Statistical Unit, Desert Research Institute in Sde Boker, (1981-1983).
- Senior Lecturer, Ben-Gurion University of the Negev, Israel, (1980-1987).
- Research Coordinator, The Geostatistical Project, Desert Research Institute in Sde Boker and H. Humphrey Center for Human Ecology, (1979-1981).
- Establisher and Co-Editor, GEOGRAPHICAL RESEARCH FORUM, Department of Geography, Ben-Gurion University of the Negev, now published as Geography Research Forum, Transaction Books Publishers, New Jersey, (1979-1989).
- Visiting Lecturer, The Hebrew University, Jerusalem, (1977-1979).
- Reviewer for the U.S National Science Foundation, National Academy of Science,

Geography Research Forum, GeoJournal, Geoforum, City and Region, Horizons in Geography, Studies in the Geography of Eretz Israel, Transportation Review, Transportation Research, Journal of Rural Studies, The Geographic Network, Journal of Transport Geography, Journal of Applied Geography, (1976-).

- Lecturer, Ben-Gurion University, Israel, (1976-1980).
- Teaching Associate, University of Minnesota, U.S.A., (1975-1976).
- Research Fellow, University of Minnesota, U.S.A., (1974-1975).
- Teaching Fellow, Tel Aviv University, Israel, (1973-1974).

POSITIONS IN ACADEMIC ADMINISTRATION

- Member, The Research Committee in Geography, Israel Science Foundation (ISF), (2020- 2021)
- Chairman, The Research Committee in Geography, Israel Science Foundation (ISF), (2017- 2018)
- Member, The Evaluation Committee, School of Environmental Science, The Hebrew University, Jerusalem (2017)
- Member, Steering Committee of the Council for Higher Education for B.A. in Sustainability Studies, Hertzeliya Interdisciplinary Academic Center, (2014 - 2016)
- Associate Editor, PLANNING, Journal of the Israel Association of Planners, (2014-)
- Member, Steering Committee of the Council for Higher Education for M.Ud in Urban Design, Bezalel Academy of Art & Design, Council for Higher Education, Jerusalem (2014 -2018)
- Chairman, The Academic "Force Team" for Examining the Structure of the Faculty of Humanities & Social Sciences, Ben-Gurion University (2012- 2013)
- Secretary, Applied Geography Commission, The International Geographical Union, (2012 - 2016)
- Commission member, Applied Geography Commission, The International Geographical Union, (2010 -)
- Member, the Executive Chamber of Israel's World heritage National Commission for UNESCO, (2009-2015)
- Chairman, The Inter-University Committee for Core Planning Studies, Israel Planners Association, (2009 - 2010)
- Member, The International Geographical Union (IGU) Israel National Committee (2008-2010)
- Member, Steering Committee for M.Ud in Urban Design, Bezalel Academy of Art & Design, Council for Higher Education, Jerusalem (2006 -2011)
- National coordinator, Forum UNESCO – University and Heritage, (2006 - 2015)
- Member, Forum UNESCO – University and Heritage, (2003 - 2015)
- Chairman, The Research Committee in Geography, Israel Science Foundation (ISF), (2002-2004)
- Chairman, Israel Planners Association (2001 - 2006)
- Chairman, The Nominating Committee for Israel Prize in Geography, (2002).
- Vice Chairman, Israel's Association of Environmental Planning, (1998 - 2001).
- Animator, NECTAR research group on behavioral aspects of transportation and communication, (1997-2001).
- Member, Ph.D Faculty Grant Committee, Ben-Gurion University, (1995-2001).

Member, University Committee for Academic Excellency, Ben-Gurion University, (1994-1995).

Editorial Board member, "Planning", (2004-)

Editorial Board member, "Horizons in Geography", (1994 -2000).

Editorial Board member, "Geography Research Forum", (1988 -).

Board member, The Israeli Regional Science Association (1993-1998).

President, The Israeli Association of Geographers, (1990-1992).

Animator of the European Science Foundation - Research Network on Behavioral Analysis in Transportation, (1989-1992).

Vice President, The Israeli Association of Geographers, (1988-1990).

Member, University Development Committee, Ben-Gurion University (1988-1989)

Chairman, Research Committee, Israel National Academy of Science, (1989), (1991).

Member, Research Committee, Israel National Academy of Science, (1988).

Member, Academic Editorial Committee, Ben-Gurion University Press, (1987-1990).

Member, Academic Development Committee, Ben-Gurion University, (1986-1987).

National Theme Coordinator for the European TCM Research Network sponsored by the European Science Foundation (1986-1992).

President, The Israeli Association of Transportation Research (1985-1987).

Member, The Israeli National Committee for the International Geographical Union (1984-1991).

Member, Faculty Research Committee, Ben-Gurion University, (1981-1987).

Member, Graduate Studies Committee, Ben-Gurion University, (1981-1982).

Board Member, The Israeli Association of Transportation Research, (1984-1985), (1987-1989).

Board Member, The H. Humphrey Center for Human Ecology, Ben-Gurion University, (1981-1982), (1984-1988).

Chairman of the scientific board of the Joe Alon Center for Regional Studies, Lahav, Israel, (1980-1982).

Secretary, The Israeli Association of Transportation Research (1980-1982).

Research Coordinator, Chief Scientist's Office, Ministry of Transportation, Jerusalem, (1977-1978).

Board Member, The Israeli Geographical Society (1976-1980).

NON ACADEMIC EXPERIENCE

Member of the core planning team, Israel 100 Strategic Plan, (2017-)

Chairman, The National Committee for Planning Award, Israel Planners Association, Tel Aviv, (2014-2019)

Head, Israel National Committee of World Heritage for UNESCO, Jerusalem (2014 - 2015)

Member, Inter-Ministerial Team for National Heritage Sites, The State of Israel, Jerusalem, (2011-2013)

National delegate to the 34th Session of the UNESCO World Heritage Committee, Brazilia, Brazil (2010).

Member, The Inter-University Academic Curriculum for Planners Committee, Israel Planners Association, Tel Aviv (2009 -2015)

Member, The Negev Visitors Center Steering Committee, Beer Sheva, (2009-2012)

National delegate to the 33rd Session of the UNESCO World Heritage Committee,

Seville, Spain (2009).

Member, The National Committee for Municipal Statistics and Geographical Classification, The Public Advisory Council for Statistics – Israel, Jerusalem (2007-2012)

National delegate to the 31st Session of the UNESCO World Heritage Committee, Christchurch, New Zealand (2007).

National delegate to the 29th Session of the UNESCO World Heritage Committee, Durban, South Africa (2005).

National delegate to the 28th Session of the UNESCO World Heritage Committee, Suzhou, China (2004).

Planning Coordinator with the Palestinian Authority, Economic Corporation Foundation (ECF), Tel Aviv (2003-2005)

Member, Israel National Commission for UNESCO, Ministry of Education, Jerusalem (2003-2016)

Member, the Steering Team for defining national policy on environmental quality in Israel's cities, The Jerusalem Institute for Israel Studies, Jerusalem (2001).

Consultant to the Ministry of the Environment – environmental documents for the peace talks with Syria and Lebanon (2000).

Member, the National Committee for Land Use Classification, The National Council of Statistics, Jerusalem (1998 -2001)

Broadcasting a weekly radio program on Israeli Tourism, “Voice of Israel” Broadcasting Station (88.0 F.M), Tel Aviv, (1997).

Consultant, Cross-Israel Highway Company, Ltd., Tel Aviv, (1995-1999, 2006-).

Member, Urban Development Committee, Omer Local Municipality (1990-1993).

Director and Planner, EnviroPlan, Beer Sheva (1987-1994), and EnviroPlan Ltd., Tel Aviv, (1994-2016).

Scientific advisor to the Israel Educational Television, Geography Programs, (1987 - 1988).

Consultant and Planner, PLAN Assoc., Pretoria, R.S.A.,(1982-1983).

Consultant, Odi-Moretele 1 Regional Development Plan, Bophuthatswana, (1982-1983).

Scientific Advisor to the Educational Planning Committee, The Association of Banks in Israel (1982).

Consultant for the United Nations Environmental Program and Research team member in the Blue Plan, Nice, France (1981-1982).

Consultant, Ministry of Transportation, Economics and Planning Division, Jerusalem (1978-1980).

Geographer and Planner, D. Braslau's & Assoc. Ltd., Minneapolis, U.S.A., (1975-1976).

Cartographer, The U.S.A. Metropolitan Atlas, Minneapolis (1975-1976).

Geographer and Planner, Z. Ashimshoni Co., Tel-Aviv (1972-1974).

Teacher, ORT High School, Ramat-Gan, Israel (1969-1972).

GRANTS AND HONORS

De-Fris Fund for top students, Tel-Aviv University, Israel (1970-1973).

Graduate Assistant, University of Minnesota, (1974-1976).

Research Grant, Keren Avi-Hayishuv on the structure of Israel's public transport (1976). - \$ 1500.

- Commission for Basic Research on the Demand for Public Transport Services (1977).
- IL. 50,000.
- Commission for Basic Research on the Allocation of Public Transport Resources,
(1978). - IL 50,000.
- Ministry of Housing, Absorption of Relocated Households. IL 50,000.
- Commission for Basic Research on the Negev Transportation System, (1979). - IL.
70,000.
- Ministry of Transportation, Assistance Allocation for Public Transport (1979-1980). -
IL 100,000.
- National Council for Research and Development, the Atlas of the Negev Project,
Jerusalem, (1979). - IL. 300,000.
- National Academy of Science, Transport Aspects in the Negev,(1980) - IL. 400,000.
- Research and Science award for the Book of Beer-Sheva, The Ministry of Interior,
(1980), IS 5,000.
- University Research Fund on the Negev Atlas Project, (1981).- \$ 5,000.
- Visiting grant, Dept. of Geography and Institute for Cartographic Analysis, University
of Stellenbosch, South Africa, (1982).
- Commission for Basic Research on the Spread of Modernization in Bophuthatswanas'
Squatting Areas (1983). - IS 50,000.
- Commission for Basic Research on the Cognition of Urban Route Choice Among
Different Driving Groups (1984) - IS 24,000, IS 95,000 (1985).
- National Academy of Science, The Cognition of Urban Networks, (1985) - \$ 7000.
- The P. Sapir Fund of the National Lottery, Rural-Urban Integration, (1986) - \$ 4000.
- The Ford Foundation, An Urban Evacuation Model, (1986) - \$ 20,000.
- National Academy of Science, A cognitive Utility Model of Urban Route Choice -
(1986) - \$15,000.
- National Academy of Science, A cognitive Utility Model of Urban Route Choice -
(1987-1988) - \$10,000.
- Research Fellowship, Faculty of Architecture - Research Institute of Urban Planning,
Delft University of Technology, The Netherlands, (1989).
- European Science Foundation - Twinning Grant Program, Individual Choice Behavior
in Congested Situations: The Effects of Information - (1989-1990) - FF20,000.
- The Joe Alon Center for Regional Studies, Survey of the Southern Shefela (1990-
1991) - INS 10,000.
- The Local Government Award for 'The Renewal and Development Plan of Beer
Sheva', given by the Ministry of Interior, Jerusalem, 1990, IS 5,000.
- National Academy of Science, Choice Behaviour in Congested Situations: The
Effects of Information - (1992) - \$16,200.
- National Academy of Science, Choice Behaviour in Congested Situations: The
Effects of Information (1993/4) - \$14,000.
- National Academy of Science, Personality and Commuter Behavior Under
Congestion (1999-2000), \$40,000.
- Keren Avi Hayishuv, The Agro-Cultural Landscapes of Israel, (2005-2006), \$15,000.
- Ministry of Interior, Comparison of the National District Structure Plans. (2008-
2009), IS 180,000.
- The Israel Planner Award 2012, by the Israel Planners Association, 2012.
- Ministry of the Interior, An International Comparative Study of Planning Procedures
and Processes (2013-2016), IS 600,000.

MEMBERSHIPS

Association of American Geographers (AAG).
 Israel Geographical Association (IGA).
 Israel Association of Environmental Planning.
 Israel Association of Planners
 The Israeli Association of Transportation Research.
 International Geographical Union (IGU member - Transportation Geography Working Group; Commission member – applied geography).
 NECTAR Resarch Network - The European Science Foundation.
 The Israeli Regional Science Association.
 International Association for Travel Behavior Research (IATBR).
 International Society of City and Regional Planners (ISOCARP).

FIELDS OF INTEREST AND RESEARCH

Urban, Regional and Environmental Planning.
 Interfaces of man and environment
 Behavioral and Applied Geography.
 Transportation Geography and Planning.
 Conservation and Heritage

PUBLICATIONS

A. Books

1. - Gradus, Y. and Stern, E. (eds.), **Beer Sheva**, Keter Press Ltd., Jerusalem, 1979, (in Hebrew).
2. - Stern, E., Gradus, Y. Meir, A., Krakover, S., and Tzoar, H. (eds.), **Atlas of the Negev**, Keter Publishing House, Jerusalem, 1986, (in Hebrew and English).
3. - Stern, E. and Urman, D. (eds.), **Man and Environment in the Southern Shefela**, Massada Press, Givataaim, 1988, (in Hebrew).
4. - Stern, E. and Meir, A. (eds.), **International Aspect of Metropolitan Systems**, GRF 9, Transaction Books, New Jersey, 1989.
5. - Stern, E. and Bovy, P., **Theory and Models of Route Choice Behaviour**, (a shortened version of the following book number 6), Delft University Press, Delft, the Netherlands, 1989.
6. - Bovy, P. and Stern, E., **Route Choice: Wayfinding in Transportation Networks**, Kluwer Academic Publishers, Dordrecht, 1990.
7. - Stern, E., **Caravansaries: Roads and Inns**, Karta Publishing House, Jerusalem, 1997.
8. - Stern, E., Salomon, I. And Bovy, P. (eds.), **Travel Behavior – Spatial Patterns, Congestion and Modeling**, Edward Elgar Publishing Co., , Cheltenham. UK, 2002.
9. - Lombard, J., Stern, E., Clarke, G. (eds.), **Applied Spatial Modelling and Planning**, Routledge, London and New York, 2017.
- 10.- Stern, E., **Tel Aviv Jaffa: Invisible Corners**, Tzivonim Publishing House, Tel Aviv, 2021 (in print).

B. Chapters in Books

11. - Stern, E., "Urban Development and Changes in the Transportation Morphology of Beer Sheva", in the book **Beer Sheva** (above), 1979, pp. 203-213, (in Hebrew).
- 12.- Stern, E., "Beer Sheva - A Gateway City", in the book **Beer Sheva** (above), 1979, pp. 255-269, (in Hebrew).
- 13.- Gradus, Y. and Stern, E., "Regional Strategies and the Evolution of the Negev Urban System", in Berkofsky, L. ,D. Faiman, and J. Gale (eds.), **Settling the Desert**, Gordon and Breach Scientific Publishers, New York, 1981, pp. 203-212.
- 14.- Stern, E., "Obtaining Geographic Information from Space Imagery", in N. Kadmon and A. Shmueli (eds.), **Maps and Mapping**, Keter Press Ltd., Jerusalem, 1982, pp. 72-80, (in Hebrew).
- 15.- Stern, E. and Hayut, Y., "Developmental Effects of Geopolitically Located Ports", in B. Hoyle and D. Hilling (eds.), **Seaport Systems and Spatial Change**, John Willey, London, 1984, pp.239-257.
- 16.- Gradus, Y. and Stern, E., "From Preconceived to Responsive Planning: The Design of Settlements in Arid Environments", in Y.Gradus (ed), **Desert Development**, Ridel Publishing House, The Netherlands, 1985, pp. 41-59.
- 17.- Stern, E., "The Provision of Transit Services in the Arid Environment", in Y. Gradus (ed.),**Desert Development**, Ridel Publishing House, The Netherlands, 1985, pp. 105-117.
- 18.- Stern, E., "Land Transportation in Israel",**Atlas of Israel**, Revised Edition, Carta Press, Jerusalem, 1985.
- 19.- Stern, E. and Gradus, Y., "Sociocultural Considerations in Planning Towns for Nomades", in Cherns, A. and Shelhav, M. (eds.),**Communities in Crisis**, Gower Publishing House, Aldershot, 1985, pp. 276-291.
- 20.- Stern, E., "The Southern Shfella - A Geographical Defenition", in **Man and Environment in the Southern Shfella**, (above), 1988, 12-16.
- 21.- Stern, E., "Rahat - The Growth and Character of an Urban Beduin Settlement", in **Man and Environment in the Southern Shfella**, (above), 1988, 224-233, (in Hebrew).
- 22.- Stern, E. and Krakover, S., "Urban - Rural Integration in the Northern Negev", in Bar-El and Shwartz (eds.),**Issues in Regional Development**, Settlement Study Center, Rehovot, 1988, 141-165.
- 23.- Shefer, D., Berechman, Y., Salomon, I., and Stern, E. "Transport,

- Communications and Mobility - Israel", in Nijkamp, P., Reichman, S., and Wegener, M. (eds.), **Euromobile: Transport, Communication and Mobility in Europe**, Avebury, Aldershot- England, 1990, 223-234.
- 24.- Stern, E., "Cultural Deprivation between Core and Periphery", in Shachar, A. et al. (eds.), **Book of Eretz Israel**, The Israel Exploration Society, Jerusalem, 1991, 221-227.
- 25.- Krakover, S. and Stern, E., "Applying Geographical Models to the Absorption of Soviet Jewry", in Gonen, A. (ed.), **The Geography of Immigrants Absorption**, The Israeli Geographical Association, Jerusalem, 1990, 5-16, (in Hebrew).
- 26.- Stern, E., "The Beduin Town", in Kipnis, B. and Schahar, A. (eds.). **The Israeli City**, The Israeli Geographical Association, Haifa, 1997.
- 27.- Stern, E., and Tretvik, T., "Public Transportation in Europe - Requiem or Revival?", in Salomon, I., Bovy, P., and Orfiuel, J.P. (eds.), **A Billion Trips A Day - Tradition and Transition in European Travel Patterns**, Kluwer Academic Publishers, 1993, 129-149.
- 28.- Stern, E., Holm, E., and Van-Maarseveen, "Information and Commuters Behaviour: A Comparative Analysis", in Nijkamp, P. (ed.), **Europe on the Move: Recent Developments in European Communications and Transport Activity Research**, Avebury, Aldershot, 1993, 141-155.
- 29.- Stern, E., "Congestion Response Behaviour in Tel Aviv Metropolitan Area", in Gradus, y. and Liphshitz, G. (eds.), **The Mosaic of Israeli Geography**, Ben-Gurion University Press, Beer Sheva, 1996, 147-158.
- 30.- Lichfield, D., Stern, E., Pilser, D., Chipman. E., and Marcus, A., "Dynamic Planning in a Dynamic Culture", in **Migration and the Global Economy**, The International Society of City and Regional Planners, Jerusalem, 1996, 122-127.
- 31.- Stern, E., Bovy, P.H.L., Tacken, M., "Traffic Congestion and Behavioural Reactions: Policy Implications Exemplified for the Dutch Case", in Butten, K., Nijkamp, P., and Priemus, H. (ed.), **Transport Networks in Europe: Concepts, Analysis and Policies**, Cheltenham: Edward Elgar, UK, 1998, 103-122.
- 32.- Stern, E., "Choice Behavior in Congested Situations: Modeling and Research Needs", in Garling, T., Laitila, T., and Westin, K. (eds.), **Theoretical Foundations of Travel Choice Modeling**, Oxford: Pergamon, 1998, 173-200.
- 33.- Stern, E., and Portugali, J., "Environmental Cognition and Decision Making in Urban Navigation", in Golledge, G.R. (ed.), **Wayfinding Behavior**, Baltimore: John Hopkins University Press, 1999, 99-120.
- 34 – Stern, E., "Behavioral Thresholds of Commuters under Congestion", in Stern, E., Salomon, I. And Bovy, P. (eds.), **Travel Behavior – Spatial Patterns, Congestion and Modeling**, Cheltenham: Edward Elgar Publishing Co., UK, 2002, 218-232.

- 35 – Stern, E., Stern-Sinuani, Z., Sfaradi, Z., and Holm, E., “The Effect of Information on Commuters’ Behavior: A Comparative Micro-Simulation Approach”, in Stough, R., Higano, Y., Button, K., and Nijkamp, P. (eds.), **Transport and Information Systems**, Cheltenham: Edward Elgar Co., UK, 2003.
36. Stern, E., "Internal delineation and planning of biosphere reserves", in Montz, B. (ed.), **Applied Geography Conferences**, Vol. 27, The Association of American Geographers, St. Louis., 2004, 212-222.
37. Stern, E., "Travel time reliability and choice behavior", in van Zuylen, J.H (ed.), **The Reliability of Traveling and the Robustness of Transport Systems**, TRAIL Research School, Delft, The Netherlands, 2005, 193-216.
38. Stern, E. and Richardson, H., "A New Research Agenda for Modelling Travel Choice and Behaviour", in Donaghy, K.P, Poppelreuter, S., and Rudinger, G. (eds.), **Social Dimensions of Sustainable Transport**, Ashgate: Aldershot, UK., 2005, 144-164.
39. Stern, E., "Agro-Cultural Landscapes in Israel: Definition and Spatial Pattern", **Agricultural Landscapes**, The Rotchild Fund, Jerusalem, 2007, 53-62.
40. Stern, E., "Public Participation in Shapira Neighborhood, Tel Aviv", in Lubanove, C. (ed.), **Environment, Planning and Society in Israel's Urban Space**, The Environmental Injustice Report, Tel Aviv, 2007, 51-55.
41. Stern, E. and Naali Yosef, H., "Approaches to Urban Renewal and their Implementation in Tel Aviv", in Kipnis, B. (ed), **Tel Aviv-Yafo: From a garden Suburb to a World City**, Pardes Publishing House, Tel Aviv, 2009, 423-446.
42. Stern, E., “Subjective Congestion”, in Button, K., Vega, H., and Nijkamp, P. (eds.), **A Dictionary of Transport Analysis**, Edward Elgar Publishing, Cheltenham, UK., 2010.
43. Stern, E., "A Local master plan for biospheric conservation and development: Concept, methodology, and application", in Robert J. Stimson and Kingsley E. Haynes (eds.), **Studies in Applied Geography and Spatial Analysis: Addressing Real World Issues**, Edward Elgar Publishing, Cheltenham, UK., 2012, 295-310.
44. Stern, E., " Spatial search: New settlements for Israel's ultra-orthodox population" in Lombard, J., Stern, E., Clarke, G. (eds.), **Applied Spatial Modelling and Planning**, Routledge, London and New York, 2017,121-133.
45. Stern, E. and Feitelson, E., "Red lines in long term planning", in Asif, S. and Porat, I. (eds.), **Israel 100 – Strategic Planning for Israel Towards 2048**, Part 2 - The Planning Tools, The Technion, The Urban & Regional Research Center, Haifa, 2019, 64-81.

46. Stern, E., Rafaeli, S., and Churchman, A., "A web-based public participation", in Asif, S. and Porat, I. (eds.), **Israel 100 – Strategic Planning for Israel Towards 2048**, Part 2 - The Planning Tools, The Technion, The Urban & Regional Research Center, Haifa, 2019, 144-151.
47. Stern, E., Rafaeli, S., and Churchman, A., " Big Data and Public Participation in National Strategic Planning" , in M. Birkin, G.P.Clarke, J.Corcoran, R.Stimson (eds.) **Applications of big data in geography and planning**, Edward Elgar, 2020 (in Print).

C. Refereed Articles

- 48.- Stern, E., "Theory and Practice in Locating the Service Center of the Merom Hagalile Settlements", **Spaces**, vol.1, 1974, pp. 41-49, (Hebrew).
- 49.- Stern, E., "Applied Potential on Orbits for Land Use Mapping", **Horizons in Geography**, vol.3, 1977, pp. 33-43, (Hebrew).
- 50.- Gradus, Y. and Stern, E., "New Perspectives on the Negev Continental Bridge", **Geoforum**, vol.8, 1977, pp. 311-318.
- 51.- Stern, E., "The Effects of Transit Network Structure on Trip Generation", **Landscapes**, No. 9-10, 1977, pp. 221-230, (Hebrew).
- 52.- Stern, E., "Inter-Nodal Association of Bus Services", **Geojournal**, vol.3, 1979, pp. 89-96.
- 53.- Stern, E., "Supply-Demand and Spatial Interaction in the Israeli Public Transport Market", **Horizons in Geography**, vol.4, 1979, pp. 7-19, (Hebrew).
- 54.- Stern, E., "Monitoring Agricultural Land Use Patterns", **Land**, vol.16, 1979, pp. 6-13, (Hebrew).
- 55.- Stern, E., "On Specialization in Geography", **Contemporary and Future Geography**, Occasional Papers 1, Department of Geography, Ben-Gurion University, 1979, pp. 3-9.
- 56.- Stern, E. and Gradus, Y., "Socio-Cultural Considerations in Planning Towns for Nomades", **Ekistics**, No. 227, 1979, pp. 224-230.
- 57.- Stern, E., "Public Attitude to an Innovative Regional Transit System", **ITCC Review**, vol.IX, 2(34), 1980, pp. 54-62.
- 58.- Stern, E., "A Cognitive Scalar for the Public Transport Connection Matrix", **The Professional Geographer**, vol. 32(3), 1980, pp. 326-334.
- 59.- Stern, E., "Regional Systems of Public Transportation - A Review and

- Suggested Concepts", **Environmental Planning Quarterly**, No. 27, 1980, pp. 5-17.
- 60.- Stern, E. and Adams, R.B., "The Effect of an Intercity Public Transport Network on Bus Patronage", **The Logistics and Transportation Review**, vol. 16(2), 1980, pp. 109-127.
- 61.- Stern, E. and Sonis, M., "The Process of Relative Population Growth in the Negev", **Research in Geography**, vol. 11, 1980, pp. 179-194, (in Hebrew).
- 62.- Gradus, Y. and Stern, E., "Changing Strategies of Development: Toward a Regiopolis in the Negev Desert", **Journal of the American Planning Association**, vol. 46 (4), 1980, pp. 410-424.
- 63.- Stern, E., "Negev Development: Past and Present", **Nation and Land**, No. 44, 1981, pp. 22-29, (in Hebrew).
- 64.- Stern, E. and Sonis, M., "Population Changes in a Growth Center Region with Reference to the Israeli Negev", **GeoJournal**, vol. 5 (2), 1981, pp. 261-268.
- 65.- Stern, E., "Relative Population change Determinants and Redistribution Policy: The Israeli Example", **The South African Geographer**, Vol.9(2), 1981, pp. 101-109.
- 66.- Stern, E. and Gradus, Y., "The Med-Dead Sea project: A Vision or Reality?", **Geoforum**, Vol.12(3), 1981 pp. 265-272.
- 67.- Stern, E. "Transit Services in Judea and Samaria", **Geography Research Forum**, No.4, 1981, pp. 15-30.
- 68.- Stern, E., "Bus Services in Rural Areas - A Consumers' Evaluation", **Environment and Behavior**, Vol.14(1),1982, pp. 94-112.
- 69.- Stern, E., "Preserving the Mediterranean Basin", **Kidma: Israel Journal of Development**, Vol.7(2), 1982, pp.3-7.
- 70.- Stern, E., "Absorption Correlates of Relocated Households", **Urban Ecology**, Vol.7, 1982/3, pp. 239-253.
- 71.- Stern, E., Tzelgov, Y., and Henik, A., "Driving Efforts and Urban Route Choice", **The Logistics and Transportation Review**, Vol.19(1), 1983, pp.67-79.
- 72.- Stern, E., "Some Thoughts on the Development of Remote Towns", **ITCC Review**, Vol.XI, No. 3(43), 1983, pp. 21-28. Also appeared in **Sage Urban Studies Abstract**, Vol.11 (4), 1983.
- 73.- Stern, E., "Communication and Future Spatial Structure - Some Possible Scenarios", **Town and Regional Planning**, 15, 1983, pp.19-23.
- 74.- Stern, E., "Are Geography Students More Spatially Oriented than Others?", **The**

- South African Geographer**, Vol.11(2), 1983, pp.149-160.
- 75.- Stern, E., Hayut, Y., and Gradus, Y., "The Negev Continental Bridge - A Chain in an Inter-Modal Transport System", **Geoforum**, Vol. 14(4), 1983, pp. 461-469.
- 76.- Stern, E., "Delineating Regions for Transit Assistance Allocation", **Applied Geography**, 1984, Vol.14(4),pp. 267-281.
- 77.- Stern, E., "Developing the Inter-Metropolitan Periphery", **Town and Regional Planning**, No. 20, 1985, pp. 4-11.
- 78.- Stern, E., "Concepts and Measures of Transit Service Level - Review and Illustrations", **City and Region**, 1985,Vol. 4(4), pp. 36-47, (in Hebrew).
- 79.- Stern, E., "Consumers Preference and Satisfaction from Transport Services in a Developing Region", **Social Research Quarterly**, Vol.22, 1987, 33-44, (in Hebrew).
- 80.- Stern, E., "The Functional Spaces of Israel According to the Equal Opportunity Criteria", **Studies in Geography**, 1985, Vol. 12, pp. 185-205., (in Hebrew).
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118. Stern E., "A Local Master Plan for Biospheric Conservation and Development", **Proceedings**, The 39 Annual Conference of the Israeli Association of Ecology and Environmental Sciences, Meggido, 2011.
119. Stern, E. and Rechtman, O., "District Planning in Israel: Comparison of the 'second generation' plans", **Proceedings**, The Israeli Geographical Association, Jerusalem, 2011.
120. Stern, E., "Israel 2048", **Proceedings**, The Israeli Geographical Association, Jerusalem, 2011.
121. Stern, E., "Geography and Spatial Planning", **Proceedings**, The International Geographical Union Regional Conference, Commission of Applied Geography, Santiago, Chile, 2011.
122. Stern, E., "Demographic Sustainability and Rural Development Policy", The Annual Conference of Israel Planners Association, The Technion, Haifa, 2012.
123. Stern, E., "Demographic Sustainability and Rural Development Policy", **Proceedings**, 9th World Congress of the Regional Science Association International, Timisoara, Romania, 2012.
124. Stern, E. and Rechtman, O., "Visual Discrimination of Urban Historic Landscapes", **Proceedings**, The 4th International Congress on Landscapes: Perception, Knowledge, Awareness and Action, Spiru Haret University, Bucharest-Sarata Montreoru, Romania, 2012.
125. Stern, E., "Demographic Sustainability and Rural Development Policy", Applied Geography Commission, The 32nd IGU International Congress, Cologne, Germany, 2012.

126. Stern, E. and Rechtman, O., "Visual Discrimination of Urban Historic Landscapes as a Base for Preservation Policy", **Proceedings**, The 1st National Congress on the Preservation of Cultural Heritage, Bezalel Academy of Art & Design, Jerusalem, 2012.
127. Stern, E., "Demographic Sustainability and Rural Development Policy", **Proceedings**, The Israeli Geographical Association, Beer Sheva, 2012.
128. Stern, E., "Spatial Search – New Settlements for Israel's Ultra Orthodox Population", **Proceedings**, Applied Geography Commission, University of Leeds, U.K., 2013.
129. Stern, E., "Spatial Search – New Settlements for Israel's Ultra Orthodox Population", **Proceedings**, The Israeli Geographical Association, Bar-Ilan University, Ramat Gan, 2013.
130. Stern, E., "From Conventional to Dynamic Planning", Israel Association of Planners, **Proceedings**, The Hebrew University, Jerusalem, 2014.
131. Stern, E., "Geography in the Israeli Planning Arena", **Proceedings**, IGU Applied Geography Commission, Tel Aviv 2014 AGC Meeting, Tel Aviv, 2014.
132. Stern, E. and Sade, N., "The Essence and Perception of Associative Landscapes", **Proceedings**, The 2nd National Conservation Conference, Bar Ilan University, Ramat Gan, 2014.
133. Stern, E. and Avidan, I., "Delineating Buffer Zones Around World Heritage Cultural Sites", AGC Meeting at the North American Regional Science Conference, Washington D.C., USA, November 2014.
134. Stern, E., "From the Anchor Point Theory to a Dynamic Master Plan", The Israeli Geographical Association, **Proceedings**, University of Haifa, Haifa, 2014.
135. Stern, E., "The British Planning System: Essence, Structure, Strengths and Weaknesses", **Proceedings**, The Israel Planners Association, Ben-Gurion University, Beer Sheva, 2015.
136. Stern, E., "Visioning-Based Methodology for Strategic Urban Planning: The Case of Tel Aviv", IGU Applied Geography Commission Workshop, Bangkok, 2015.
137. Stern, E., "The consequences of inscribing world heritage sites in urban Israel", the 9th Festival of Architecture and Urbanism, Architecture Week, Prague, 2015.
138. Stern, E., "Markets – The leaders of urbanism", The Akko Convention on Urbanism, Acre, 2015.

139. Sade, N. and Stern, E. "The perception of associative landscapes", The Israeli Geographical Association, **Proceedings**, The Hebrew University, Jerusalem, 2015.
140. Friedman, D. and Stern, E., "Evaluation and mapping of scenic roads in Israel", Israeli Geographical Association, **Proceedings**, The Hebrew University, Jerusalem, 2015.
141. Stern, E., "Markets and the Essence of Urbanism", **Proceedings**, The Annual Conference of Israel Planners Association, Tel Aviv, 2016.
142. Sade, N. and Stern, E., "Associative Landscapes – Essence and Perception", **Proceedings**, The Annual Conference of Israel Planners Association, Tel Aviv, 2016.
143. Friedman, D. and Stern, E., "Evaluation and mapping of scenic roads in Israel", **Proceedings**, The IGU Applied Geography Commission Workshop, Rhodes, Greece, 2016.
144. Stern, E., "Demographic sustainability and regional development policy", The IGU Commission on Local and Regional Development conference, The Pacific Geographical Institute and the Far Eastern Federal University, Vladivostok, Russia, 2016.
145. Stern, E. and Rechtman, O, "Visual discrimination of urban historic landscapes", **Proceedings**, The 33rd International Geographical Congress, Beijing, China, 2016.
146. Stern, E., "The present of the past: preservation and revival of old markets", The 3rd National Conservation Conference, The Technion, Haifa, 2016.
147. Stern, E., "Geography and spatial design – directions and challenges", **Proceedings**, The Annual Conference of the Israeli Geographical Association, Tel Aviv University, Tel Aviv, 2017.
148. Stern, E., "Beer Sheva: from regiopolis to metropolis?", The Beer Sheva conference, Ben-Gurion University, Beer Sheva, 2017.
149. Stern, E., "Local master plan for biospheric conservation and development: concept, methodology, and application", **Meeting Proceedings**, The 2nd International Conference on Natural Resource Management and Public Policy, Huazhong Agricultural University, Wuhan, China, 2017.
150. Stern, E., "Creative vision and web-based public participation", **Proceedings**, The Annual Conference of Israel Association of Planners, Jerusalem, 2018.

151. Stern, E., "The present of the past: preservation and revival of old markets", IGU Conference & the Applied Geography Commission meeting, Quebec City, Canada, 2018.
152. Stern, E., "Periodic heritage landscapes", **Proceedings**, The Fourth National Conservation Conference, Ben-Gurion University of the Negev, Beer Sheva, 2018.
153. Stern, E. and Feitelson, E., "Red lines in Israel 100 plan", Tools for Strategic Planning – The Israel 100 Conference, the Technion, Haifa, 2019.
154. Stern, E. Rafaeli, S. and Churchman, A., "Web-based public participation", Tools for Strategic Planning – The Israel 100 Conference, the Technion, Haifa, 2019.
155. Stern, E., Rafaeli, S. and Churchman, A., "Web-based public participation in national strategic planning", The Annual Meeting of the Applied Geography Commission, Gran Sasso Science Institute, L'Aquila, Italy, June 2019.

F. Book Reviews

1. - Stern, E., **Analytical Behavioural Geography**, by R.G. Golledge and R.J Stimson (Croom Helm, London, 1987), in **Geography Research Forum**, Vol. 10, 1990, 111-112.
2. - Stern, E., **Geography of Transportation**, by H. Taaffe, G. Gauthier, and M. O'Kelly, (1996), in **Geography Research Forum**, Vol. 17, 1997, 80-81.
3. – Stern, E., **Behavioral Geography**, by R.G. Golledge and R.J Stimson (The Guilford Press, New York, 1997), in **Geografiska Annaler**, 81B(1), 1999., 58-59.
4. – Stern, E., **Applied Geography**, by M. Pacione (ed.) (Routledge, 2000) in **Geography Research Forum**, Vol. 20, 2000, 105-107.
5. - Stern, E., **Urban Rhythms and Travel Behaviour – Spatial and Temporal Phenomena of Daily Travel**, by S. Schonfelder and K, Axhausen (Ashgate, Surrey, UK, 2010), in **Geography Research Forum**, Vol. 31, 2011, 99-100.

G. Research and Planning Reports

1. - Brown, D., Skaggs, R., Stern, E., and Smiley, J., **Monitoring Surface Water Dynamics in Minnesota**, University of Minnesota, Center of Urban and regional Affairs, Minneapolis, 1975.
2. - Brown, D., Harrington, J., Stern, E., and Smiley, J., **Wildlife Habitat Change and Seasonal Cultivation**, University of Minnesota, Center of Urban and

Regional Affairs, Minneapolis, 1975.

3. - Stern, E., **The Effect of Level-of-Service on Intercity Bus Ridership in Minnesota**, University of Minnesota, Center of Urban and Regional Affairs, Minneapolis, 1976.
4. - Stern, E., **Public Transport Level-of-Service in Israel's Developing Areas**, Ministry of Transportation, Chief Scientist's Office, Jerusalem, 1977, (in Hebrew).
5. - Stern, E., **Regional Priorities for Allocating Public Transport Subsidy**, Ministry of Transportation, Economics and Planning Division, Jerusalem, 1978, (in Hebrew).
6. - Stern, E., Gradus, Y., and Krakover, S., **Relocation of Low Income Residents in Beer Sheva**, Report Submitted to the Ministry of Housing, Beer Sheva, 1980, (in Hebrew).
7. - Stern, E. and Meir, A., **Transportation and Social Aspects of the Negev**, submitted to the National Council for Research and Development, Beer Sheva, 1981, (in Hebrew).
8. - Stern, E., **A Geographic Approach to the Allocation of Transit Subsidy**, Report submitted to the Ministry of Transport, Economic and Planning Division, Jerusalem, 1981, (in Hebrew).
9. - Stern, E., **Odi Moretele 1 Regional Plan**, Report submitted to the government of Bophuthatswana, Plan Assoc., Pretoria, 1982.
- 10.- Stern, E., **A Preperatory Framework for Implementing Urban Economic Development**, Plan Assoc., Pretoria, 1982.
- 11.- Stern, E., **Developing the Inter-Metropolitan Periphery**, Plan Assoc., Pretoria, 1983.
- 12.- Stern, E., **Bronkhorstspuit - An Implementation Program of urban Development**, Plan Assoc., Pretoria, 1983.
- 13.- Stern, E., **A Planning-Implementation Program for Regional Development Concept**, Plan Assoc., Pretoria 1983.
- 14.- Stern, E., **Retail Development in Rural Areas: The Bethal-Secunda Region**, Plan Assoc., Pretoria, 1983.
- 15.- Stern, E., **ISM - Implementation Scheduling Model for Urban Development Projects**, Plan Assoc., Pretoria 1983.
- 16.- Stern, E., **Urban Route Choice Among Different Driving Groups**, Report submitted to the Israel National Academy of Science, Beer-Sheva, 1986, (in Hebrew).

- 17.- Stern, E. and Krakover, S., **Rural-Urban Integration in the Northern Negev**, Report submitted to the Sapir Fund. of the National Lottery, Beer Sheva, 1987, (in Hebrew).
- 18.- Stern, E. and Shemer, D., **The Usage Pattern of Public Parks in Beer Sheva**, Report submitted to the Planning Department of Beer-Sheva Municipality, Beer-Sheva, 1987, (in Hebrew).
- 19.- Stern, E. and Sinuani-Stern, Z., **An Emergency Evacuation Model for Urban Areas**, Report submitted to the Israeli Foundation Trustees, Beer Sheva, 1988.
- 20.- Stern, E. and Leiser, D., **A Cognitive Utility Model of Urban Route Choice**, Report submitted to the Israeli National Academy of Science, Beer Sheva, 1988, (in Hebrew).
- 21.- Stern, E. and Krakover, S., **Renewal and Development Plan for Beer Sheva**, EnviroPlan, Beer Sheva, 1989, (in English & Hebrew).
- 22.- Stern, E., Holm, E., and van Maarseveen, M., **Choice Behaviour in Congested Situations: The Effect of Information**, Report submitted to the European Science Foundation, 1990.
- 23.- Stern, E. and Krakover, S., **Socio-Political Processes in the Vacant Housing Market of Developing Towns**, Report submitted to the Ministry of Housing, EnviroPlan, 1991, (in Hebrew).
- 24.- Stern, E. and Krakover, S., **Environmental Impact Assessment of the Beer Sheva By-Pass**, Report submitted to the Department of Roads & Construction, EnviroPlan, 1991, (in Hebrew).
- 25.- Stern, E. and Krakover, S., **Temporary Residential Sites in Israel**, Research Report submitted to the Ministry of Housing, EnviroPlan, 1992, (in Hebrew).
- 26.- Stern, E. and Krakover, S., **Environmental Impact Assessment of the Even-Haezer Interchange**, Report submitted to the Department of Roads & Construction, EnviroPlan, 1993, (in Hebrew).
- 27.- Stern, E. and Krakover, S., **Residential Emergency Sites in Israel**, Report submitted to the Ministry of Housing and Construction, EnviroPlan, 1994.
- 28.- Stern, E., Sinuani-Stern, Z., and Sphardi, Z., **Information Effects on Choice Situations Under Conditions of Congestion**, Final Research Report submitted to the Israel National Academy of Science, Beer Sheva, 1994, (in Hebrew).
- 29.- Stern, E. and Krakover, S., **Public Transport Needs in Beer Sheva 1993-2003**, Enviroplan, Beer Sheva, 1994.
- 30.- Krakover, S. and Stern, E., **Physical Structure Plan for Education, Sport, and Culture in Ashkelon**, Enviroplan, Beer Sheva, 1994.

- 31.- Stern, E. and Krakover, S., **A Development Plan for the Eshkol Region**, The Jewish Agency, Jerusalem, 1994.
- 32.- Krakover, S. and Stern, E., **Physical Structure Plan for Education, Sport, and Culture in Ofakim**, Enviroplan, Beer Sheva, 1995.
- 33.- Lichfield, D. and Stern, E., **Dynamic Master Plan - A Pilot Project in Ashkelon**, D.N. Lichfield - London, and Enviroplan Ltd. - Tel Aviv, 1996.
- 34.- Stern, E. and Shitrit, Y., **A Development and Master Plan for Merchavim Regional Council**, Enviroplan Ltd., Tel Aviv, 1996.
- 35.- Stern, E., Eisenberg, B., and Sherman, B., **A Structure Plan for Lakish Regional Council**, Enviroplan Ltd., Tel Aviv, 1997.
- 36.- Stern, E., Eisenberg, B., and Sherman, B., **A Structure Plan for Gezer Regional Council**, Enviroplan Ltd., Tel Aviv, 1999.
- 37.- Stern, E., Eisenberg, B., and Sherman, B., **A Structure and Master Plan for the Southern Sharon Regional Council**, Enviroplan Ltd., Tel Aviv, 1999.
- 38 – Stern, E., Ruimi, H., **A Development Plan for South-Western Samaria**, Enviroplan Ltd., Tel Aviv, 1999.
- 39 – Stern, E., **Personality and Congestion Response Behavior – Part A**, Research Report submitted to the Israel National Academy of Science, Beer Sheva, 2000, (in Hebrew).
- 40 – Stern, E. et al., **A Structure Plan for the Revival of Florentin Neighborhood in Tel Aviv**, Enviroplan Ltd., Tel Aviv, 2001.
- 41 – Stern, E. and Lichfield, D., **Ashkelon: A Dynamic Master Plan, Part A – Policy**, Enviroplan Ltd., Tel Aviv, 2001.
- 42 – Stern, E., **Personality and Congestion Response Behavior – Part B**, Final Research Report submitted to the Israel National Academy of Science, Beer Sheva, 2002, (in Hebrew).
- 43 - Stern, E. et al., **A Structure Plan for Oranit**, Enviroplan Ltd., Tel Aviv, 2001.
- 44 - Stern, E. et al, **A Structure Plan for Elkana**, Enviroplan Ltd., Tel Aviv, 2002.
- 45 - Stern, E. et al., **Policy and Tools to Preserve the Open Spaces in Israel**, Enviroplan Ltd., Tel Aviv, 2003.
- 46 - Stern, E. et al., **Biosphere Reserve in the Judean Hills – Methodology, Structure and Plan**, Enviroplan Ltd., Tel Aviv, 2004.
- 47 - Stern, E., et al., **A Structure Plan for Sarigim**, Enviroplan, Tel Aviv, 2005.

- 48 - Stern, E. et al., **A Structure Plan for Kibbutz Maagan Michael**, Enviroplan, Tel Aviv, 2006.
- 49 - Stern, E. et al., **A Master Plan for Merchavim Regional Council**, Enviroplan Ltd., Tel Aviv, 2006.
- 50 - Stern, E. and Rabinovitz, N., **Agro-Cultural Landscapes in Israel – Definitions and Spatial Pattern**, Research Report submitted to the N.C. Fund for the Protection of Agriculture, Jerusalem, 2006.
- 51 - Stern, E., et al., **A Structure Plan for Shapira Neighborhood in Tel Aviv**, Enviroplan Ltd., Tel Aviv, 2006.
- 52 - Stern, E., and Melamed, U., **A Structure Plan for Education and Culture in the City of Ashkelon**, Enviroplan Ltd., Tel Aviv, 2006.
- 53 - Stern, E. et al., **The Housing Needs of the Ultra Orthodox Community in Israel**, Research and Planning Report submitted to the Ministry of Housing, Enviroplan Ltd., Tel Aviv, 2006.
- 54 - Stern, E., **Landscape Relics in Israel**, Final Research Report submitted to the Ministry of Environmental Protection, Enviroplan Ltd. Tel Aviv, 2008.

Courses Taught (and academic institution)

Geography of Spatial Movement, University of Minnesota.
 Recitation in Human Geography, University of Minnesota.
 Economic Geography, Ben-Gurion University (B.G.U.).
 Quantitative Methods, B.G.U. and Hebrew University.
 Advanced Quantitative Geography, B.G.U. and Hebrew Univ. (graduate level).
 Transportation Geography, B.G.U. and Hebrew University.
 Urban Transportation Planning, B.G.U.
 Seminar - Location Theory, B.G.U.
 Advanced Economic Geography, Hebrew University (graduate level).
 Basics of Location Theory, Hebrew University.
 Seminar - Transportation Geography, B.G.U.
 Introduction to Human Geography, B.G.U.
 Seminar - Selected Problems in Economic Geography, B.G.U.
 Principles of Physical Planning, B.G.U. (graduate level).
 Workshop - Planning and Development, B.G.U. (graduate level).
 Seminar - Applied Geography, B.G.U.
 Seminar - Regional Transportation Systems, B.G.U.
 Seminar - Behavioral Transportation Geography, B.G.U.
 Seminar - Behavioral Geography, B.G.U.
 Seminar - Traffic Congestion, B.G.U.
 Workshop - Environmental Impact Assessments, B.G.U (under and graduate levels).
 Seminar – Environment and Behavior, B.G.U
 Planning methodology B.G.U (graduate level).

Perception and spatial behavior, B.G.U

INVITED GEUST LECTURES

- 1976- On the geography of bus transport, Dept. of Geography, University of Haifa, Israel.
- 1977- On bus service network analysis, Dept. of Geography, The Hebrew University, Jerusalem, Israel.
- 1978- On modal split models, Transport and road research Laboratory, Crowthorne, England.
- On the development of arid areas, Dept. of Geography, Queen Mary College, London, England.
- 1980- On the development of the Israeli Negev area, Dept. of Geography, University of Minnesota, U.S.A.
- 1982- On the sedentarization of Beduins in Israel, Dept of Geography, University of Udine, Italy.
- On housing policy and regional development, Dept. of Geography, University of Pretoria, South Africa.
- 1983- Several lectures on transport, development, and housing, Dept. of Geography, University of Stellenbosch, South Africa.
- 1983- On the development of arid areas, Dept of Geography, Rand Afrikanse University, Johannesburg, South Africa.
- Several lectures on regional & urban development strategies, school of urban and regional planning, Orange Free State University, Bloemfontein, South africa.
 - On the Implementation of development strategies, The Northern Transvaal Geographical Society, University of Pretoria, Pretoria.
- 1984- On the development of regional transit systems in Israel, Dept of Industrial Engineering and Management, Ben-Gurion University.
- 1985- On Changes in the Israeli Public Transport, Dept of Geography, University of Haifa, Haifa.
- On the development of regional transit systems in Israel, Dept of Geography, Bar-Ilan University, Ramat-Gan, Israel.
 - On the preparation of a regional atlas, Institute of Geography, The University of Udine, Italy.

- On the development of arid areas, Dept of Geography, The University of New Mexico, Albuquerque, U.S.A.
- 1986- On the development of Regional transit systems, dept. of City and Regional Planning and Dept. of Geography, The Ohio State University, Columbus, U.S.A.
- On defining high school catchment areas, School of Architecture & Urban Planning and Dept. of Geography, University of California at L.A., Los Angeles, U.S.A.
- 1988- On development policies for arid areas, Department of Social and Economic Geography, University of Uppsala, Uppsala, Sweden.
- On theory and practice of urban evacuation, Faculty of Architecture and Urban Planning, Delft University of Technology, Delft, The Netherlands.
- 1989- On planning and development of the Israeli Negev, and on theory & models of route choice behavior, Research Institute of Urban Planning and Architecture, Delft University of Technology, Delft, The Netherlands.
- 1990- The Integration of Immigrants in the Development of the Negev, The International Conference of The Jewish Agency for Israel, Jerusalem.
- 1991- Behaviour of Network Users, Workshop on Theory of Networks, NIAS, Wassenaar, The Netherlands.
- 1992- Geography in Israel and Israel's Geography, Institute of Geography, The Russian Academy of Sciences, Moscow, Russia.
- Information and Commuters Behavior in Congested Networks, Department of Geography, Haifa University, Israel.
- 1993- Informatics and Traffic Congestion, Dept of Industrial Engineering and Management, Ben-Gurion University, Israel.
- 1994- Transportation Services in Peripheral Areas, Department of Geography, University of Umea, Sweden.
- 1995- Information and Commuters Behavior in Congested Road Systems, Department of Geography, Tel Aviv University, Israel.
- Congestion-Related Information and Travel Behavior, Department of Geography, Ramkhamhaeng University, Bangkok, Thailand.
- 1996- Applied Geography - Theory and Practice, Department of geography,

Haifa University, Haifa, Israel.

- 1997- Dynamic Plans for Local Authorities in Israel, Association of Engineers and Architects in the Negev, Negev Center for Regional Development, Beer Sheva.
- Applied Geography - Theory and Practice, Department of Education, The Hebrew University, Jerusalem.
 - The Dynamic Local Plan, The National Union of Municipal Engineers, The Administration of Local Government, Ministry of Interior, Jerusalem.
 - The Dynamic Local Plan, Innovations in Planning - A course given to city planners, The Faculty of Architecture & Urban Planning, Technion, Tel-Aviv Branch.
- 1998- Development Dynamics and Regional Planning in the Southern Sharon Area, The Municipality Members of Kfar Saba, Kfar Saba.
- Applied Geography, Department of Geography, Tel Aviv University, Tel Aviv.
- 1999- The Development Plan for Southern Samaria, The Research Institute The College of Judea and Samaria, Ariel.
- The Dynamic Local Plan, Innovations in Planning - A course given to city planners, The Faculty of Architecture & Urban Planning, Technion, Tel-Aviv Branch.
 - Reactions to the National Planning in Israel, The Hebrew University, Jerusalem.
 - Biosphere Reserves – A Conceptual Change in Nature Conservation, Beyond 2000: National Planning in Israel Towards the 21st Century, The Ben-Zvi Memorial and the Ministry of Education, Tel Aviv.
- 1999- Planning Principals and Methodology of Biosphere Reserves, Faculty of Architecture, Urban and Regional Planning, The Technion, Haifa.
- Planning a Biosphere Reserve in the Judean Hills, The Institute for Preserving Open Spaces, Tel Aviv.
- 2001 - Urban Revival and Urban Preservation – The Florentine Neighborhood, The Ministry of the Environment, The Vocational Program, Tel Aviv
- Dynamic Planning – Ashkelon Master Plan, The Ministry of Interior, The Planning Administration, Jerusalem.
 - Dynamic Planning – Ashkelon Master Plan, The Ministry of Construction

- and Housing, The Planning Forum, Jerusalem.
- 2002 - The Environmental Implications of the Law Concerning the Farmers Rights in Holding Public Land, The Research Institute of Land Use Policy, Jerusalem.
- Congestion Response Behaviour: The New Research Agenda, STELLA Project, Group 3, Bonn, Germany.
 - Modeling Congestion Response behavior, The JBL School of Public Affairs, The University of Texas, Austin, USA.
- 2003 - Behavioral Modeling of Road Users, STELLA Project, National Science Foundation, Washington D.C., USA.
- The Effects of Personality Attributes on Road-Users Choice Behaviour, Euresco Conference: Geographical Domain and Geographica Information Systems – Modelling for Wayfinding Services, Bad Herrenalb, Germany.
 - Policy and Tools for Preserving the Open Spaces in Israel, Department of Life Sciences, Tel Aviv University, Tel Aviv.
 - Policy and Tools for Preserving the Open Spaces in Israel, The National Conference on Land Policy, The Institute for Land Policy and Land Use Research, Jerusalem.
- 2004 - Patronage Patterns and Preservation Policy of Israel's Open Spaces, A national conference on Leisure, Recreation and Open Spaces, The Tzipori Center, Jerusalem.
- 2005 -Travel time reliability and choice behavior, Symposium on The Reliability of Traveling and the Robustness of Transport Systems, Delft University, The Netherlands.
- Biosphere delineation and environmental planning, Dept. of geography, Tel Aviv University, Tel Aviv.
 - Biosphere Reserves: Structure and Use in Environmental Planning, The Annual Conference of the Israel Association of Landscape Architects, Hertzelia.
- 2006 – Agro-Cultural Landscapes of Israel: Definitions and Spatial Patterns, The Annual Meeting of Nekudat Chen, Tzova, Jerusalem.
- 2007 - Local-Central Governance Relationships and its Effects on Planning, Workshop on Spatial Planning: Theory, Practice and Critics, The Van-Lir Institute, Jerusalem.
- GIS Applications in Spatial Planning, The 16 Annual conference of ESRI

Users, Lod.

- 2010 - Biosphere Reserves – Why and What for?, The Annual Conference of Environmental Health, The Kibbutzim College, Tel Aviv.
- Geography and Planning in Israel, Summer courses, Ministry of Education, Weizmann Institute of Science, Rehovot.
- 2011 - Balanced Future Development in Israel, Israel 2021 National Conference, The Marker, Jerusalem.
- 2011 – Demographic Sustainability and the Need for Development Intervention in Israel's Rural Sector, The Regional Councils Conference, The Jewish International Agency, Beit Shean.
- 2012 – The "Normal Age Pyramid", Seminar on Demographic Sustainability, The Jordan Valley Regional Council, Zemach.
- 2015 - The consequences of inscribing world heritage sites in urban Israel, The 9th Festival of Architecture and Urbanism, Architecture Week, Prague.
- 2016 – Preserving the World Heritage, The Department of Geography, The Hebrew University, Jerusalem.
- 2017 – Beer Sheva: from regiopolis to metropolis?, The Beer Sheva Conference, Ben-Gurion University, Beer Sheva.

Graduate Students

Advisor

- Sorogon, Y., (M.A)
- Spharadi, Z. (M.A)
- Pesach, H. (M.A)
- Zehavi, Y. (M.A)
- Katz, G., (M.A)
- Nechushtan, G. (M.A)
- Borenstein, I. (Ph.D)
- Godes, O. (M.A)
- Piruchenko, V. (M.A)
- Avidan, I. (MA)
- Marko, H. (MA)
- Rechtman, O. (Post Doc.)

Priefeld, B. (MA)

Israel, O. (MA)

Sade, N. (MA)

Evaluator

Rabinovitch, D. (M.A. – BGU, Beer Sheva))

Berenstein, G. (M.A. – Tel Aviv University, Tel Aviv)

Kerstin Westin (Ph.D. – University of Umea, Sweden)

Barashi, D. (Ph.D. – Hebrew University, Jerusalem)

Shachak, M. (M.A – Hebrew University, Jerusalem)

Pimental Ezra (M.A. – Hebrew University, Jerusalem,)

Plaut, P. (M.A, – Technion, Haifa)

Larisa Fleishman (Ph.D. – Hebrew University, Jerusalem)

Idit Avidan (MA – Haifa University)

Atias, H. (M.A – Tel Aviv University, Tel Aviv)

Fridberg Einat (M.A. – Technion, Haifa)

Ariel Fux (Ph.D. – Tel Aviv University)

Bar-Shisat, U. (Ph.D. – The Hebrew University, Jerusalem)

Avni Zvi (Ph.D. – The Hebrew University, Jerusalem).

Galit Gasul (Ph.D. – Haifa University)

Mullin Elvira (PhD. – Technion, Haifa)

Karin Talmor (MA – Technion, Haifa)

Adi Tavior (MA – Haifa University)

Lee Kahaner (Ph.D. – Haifa University)

Yifat Linial-Rodeh (Ph.D. – The Hebrew University, Jerusalem)

Yaron Ergaz (Ph.D. – The Hebrew University, Jerusalem)

Naama Shabtai-Cyzer (MA – Technion, Haifa)

Kevin R. Dwarka (Ph.D. – The Hebrew University, Jerusalem)

Dolev Avigail (Ph.D – University of Haifa)

Dafna Sternberg – Ben Baruch (Ph.D – Haifa University)

Aviva Shmila Vadai (M.A. – Technion, Haifa)