

March 2024

## **VITA**

### **AHARON KELLERMAN**

#### **CONTACTS**

8 Jerusalem St., Apt. 21  
Givat Shmuel 5442802, Israel  
Telefax +972-74-739-9256  
E-mail: akeller@univ.haifa.ac.il  
Mobile: + 972-54-206-5300

#### **PERSONAL DATA**

Birth date and place: August 25, 1945; Haifa, Israel.  
Marital status: Married, three children.  
Citizenships: Israeli and German.

#### **EDUCATION**

B.A.: Geography (with honors), Jewish History, University of Haifa, Israel, 1969.  
High School Teaching Certificate, University of Haifa, Israel, 1971.

M.A.: Geography (with honors), Hebrew University, Israel, 1972.  
Thesis: "The Spatial Aspects of the Inter-Village Centers of Israel".

Ph.D.: Geography, Boston University, 1976.  
Dissertation: "Rural Land-Uses and the Urban System: Interrelationships at the  
Macro and Meso Levels".

#### **PROFESSIONAL EXPERIENCE**

2007-2014, 2019-2024 President, Zefat Academic College

2005-2007 Director of College Development and President Designate, Academic  
College for Israel

2004- Professor Emeritus, University of Haifa

2004 Visiting Fellow, Oxford Internet Institute, University of Oxford, UK.

1995-2004 Vice-President for Administration, University of Haifa.

- 1993-2004 Professor, University of Haifa.
- 1994-1995 Professor, Bar-Ilan University (part-time).
- 1987-1993 Associate Professor, University of Haifa.
- 1987-1994 Associate Professor, Bar-Ilan University (part-time).
- 1986-1988 Chair, Department of Geography, University of Haifa.
- 1981-1987 Senior Lecturer, University of Haifa.
- 1982-1987 Senior Lecturer, Bar Ilan University (part-time).
- 1982-1983, 1989-1990, Summers 1984, 1985, 1987, 1991  
Visiting Lecturer and Research Associate, University of Maryland, College Park, MD.
- 1985 Visiting Senior Lecturer, Ben-Gurion University, Israel (part-time).
- 1977-1981 Lecturer, University of Haifa.
- 1977-1982 Lecturer, Bar-Ilan University (part-time).
- 1976-1977 Visiting Assistant Professor, University of Miami, FL.
- 1976 Research Associate, Boston University, MA.
- 1975 Instructor, Boston University, MA.
- 1972-1973 Teaching Assistant, University of Haifa.
- 1969-1972 Teaching Fellow, University of Haifa.
- 1966-1972 High school teacher.

## **PUBLICATIONS IN GEOGRAPHY**

### **Books:**

**Kellerman, A.** *Time, Space and Society: Geographical-Societal Perspectives*. Dordrecht: Kluwer (D. Reidel; Springer), 1989. Hardcover and e-book.

**Kellerman, A.** *Society and Settlement: Jewish Land of Israel in the Twentieth Century*. Albany, NY: State University of New York Press, 1993. Hardcover and paperback. E-book, 2000. Outstanding Title, Choice Magazine 1993.

**Kellerman, A.** *Telecommunications and Geography*. London: Belhaven Pinter; New York:

Halsted (John Wiley), 1993. Hardcover.

**Kellerman, A.** *The Internet on Earth: A Geography of Information*. London and New York: John Wiley, 2002. Hardcover and e-book. Awarded the 2002 AAG Meridian Award for Outstanding Scholarly Work in Geography.

**Kellerman, A.** *Personal Mobilities*. London and New York: Routledge, 2006. Hardcover and e-book. Paperback, 2012.

**Kellerman, A.** *Daily Spatial Mobilities: Physical and Virtual*. Farnham, UK and Burlington, VT: Ashgate, 2012. Hardcover, paperback, and e-book. Republished: Abingdon, UK and New York, NY: Routledge, 2016.

**Kellerman, A.** *Global Information Society: Knowledge, Mobility and Technology*. Lanham, MD: Rowman and Littlefield, 2013 (with Mark Wilson and Kenneth E. Corey). Hardcover, paperback, and e-book.

**Kellerman, A.** *The Internet as Second Action Space*. London and New York: Routledge, 2014. Hardcover, paperback, and e-book.

**Kellerman, A.** *Geographic Interpretations of the Internet*. Dordrecht: Springer, 2016. Hardcover and e-book.

**Kellerman, A.** *Automated and Autonomous Spatial Mobilities*. Cheltenham UK and Northampton MA, US: Edward Elgar, 2018. Hardcover and e-book.

**Kellerman, A.** *The Internet City: People, Companies, Systems and Vehicles*. Cheltenham UK and Northampton MA, US: Edward Elgar, 2019. Hardcover and e-book.

**Kellerman, A.** *Globalization and Spatial Mobilities: Commodities and People, Capital, Information and Technology*. Cheltenham UK and Northampton MA, US: Edward Elgar, 2020. Hardcover and e-book.

**Kellerman, A.** *Understanding Personal Mobilities*. Cheltenham UK and Northampton MA, US: Edward Elgar, 2023. Hardcover and e-book.

### **Monographs:**

**Kellerman, A.** *Centographic Measures in Geography*. Concepts and Techniques in Modern Geography (CATMOG) 32. Norwich: Geoabstracts, 1981.

**Kellerman, A.** *Agricultural Location Theory: A Review and Bibliography of Theory and Applications*. Discussion Paper Series 129. Amherst, MA: Regional Science Research Institute, 1983.

**Kellerman, A.** *Chapters in Statistics for Spatial Data: Descriptive Statistics, Probability and Analysis of Variance.* Monogeography 3. Haifa: Department of Geography, University of Haifa, 1986 (Hebrew).

**Kellerman, A.** *'To Become a Free Nation in Our Land': Transitions in the Priorities of Zionist Objectives and their Geographical Implementation.* Monogeography 5. Haifa: Department of Geography, University of Haifa, 1987 (Hebrew).

**Kellerman, A.** *U.S. International Telecommunications 1961-1989: Temporal and Spatial Aspects by Various Modes of Measurement.* International Center for Telecommunications Management (ICTM) Research Paper 8. Omaha: University of Nebraska, 1992.

### **Articles:**

**Kellerman, A.** Application of economic location theories in locational considerations of cooperative service centers for Kibbutzim. *Environmental Planning* 16, 1971: 12-20 (Hebrew).

**Kellerman, A.** La participation des villages aux centres inter-ruraux en Israel. *Communautés* 34, 1973: 82-93 (French).

**Kellerman, A.** Spatial aspects of the inter-rural centers of Israel. *Journal of Rural Cooperation* 4, 1976: 51-71.

**Kellerman, A.** Types of services and industries in the Israeli inter-rural centers. *Review of Public and Co-operative Economy in Israel* 3, 1976: 37-53.

**Kellerman, A.** Variations of Von Thunen's agricultural location theories. *Transactions of the Miami Geographical Society* 1, 1977 (Discussion Paper).

**Kellerman, A.** The pertinence of the macro-Thunian analysis. *Economic Geography* 53, 1977: 255-264. **Q1** IF=11.77.

**Kellerman, A.** Determinants of rent from agricultural land around metropolitan areas. *Geographical Analysis* 10, 1978: 1-12. **Q1** IF=4.27

**Kellerman, A.** Trends in the spatial allocation of employment in metropolitan Tel-Aviv. *Economics Quarterly* 101-2, 1979: 311-322. (Hebrew).

**Kellerman, A.** The spatial allocation of retail trade in metropolitan Tel-Aviv. *Land* 18, 1980:16-31 (Hebrew with a detailed English abstract, pp. 48-50).

**Kellerman, A.** Metropolitan processes in greater Tel-Aviv in light of the Western experience. *Geographical Research Forum* 2, 1980: 47-54. **Q3** IF=0.63.

**Kellerman, A.** The calculation and mapping of trend-surface analysis for nationwide county-based data. *Harvard Library of Computer Graphics* 11, 1980: 111-119.

**Kellerman, A.** Time-space approaches and regional study. *Tijdschrift voor Economische en Sociale Geografie* 72, 1981: 17-27. **Q1** IF=2.15

**Kellerman, A.** The use of computer maps in multiple regression analysis: A U.S. county map application. *Harvard Library of Computer Graphics* 16, 1981: 27-36.

**Kellerman, A.** The use of standard distance as an equity criterion for public facility location. *Area* 13, 1981: 245-249. **Q1** IF=2.28.

**Kellerman, A.** Retail ribbon development in the industrial area of Haifa, Israel. *Geoforum* 12, 1981: 371-375. **Q1** IF=3.90.

**Kellerman, A.** The pertinence of the macro-Thunian analysis: The Case of Israel. *Geographical Research Forum* 4, 1981: 46-54. **Q3** IF=0.63.

Elad, N. and **Kellerman, A.** Retail marketing by industrial plants in southern Haifa Bay. *Horizons* 5, 1982: 63-72 (Hebrew with an English abstract on p. x).

Gordon D., **Kellerman, A.**, and Waterman, S. On the computation of the cross of dispersion. *The Cartographic Journal* 19, 1982: 133-134. **Q3** IF=1.31.

Ronen, R., **Kellerman, A.**, and Lapidot, M. Improvement of a solid waste collection system: The case of Givatayim, Israel. *Applied Geography* 3, 1983: 133-144. **Q1** IF=4.24.

**Kellerman, A.** The suburbanization of retail trade: The Israeli case. *Area* 15, 1983: 219-222. **Q1** IF= 2.28.

**Kellerman, A.** Economic and spatial aspects of Von Thunen's factor intensity theory. *Environment and Planning A* 15, 1983: 1521-1530. **Q1** IF=4.06.

**Kellerman, A.** Telecommunications and the geography of metropolitan areas. *Progress in Human Geography* 8, 1984: 222-246. **Q1** IF=10.22

**Kellerman, A.** Transitions in the interrelationships between society and space: A structurationist Conceptual Framework. *Horizons* 9/10, 1984: 81-92 (Hebrew).

**Kellerman, A.** The suburbanization of retail trade: A U.S. nationwide view. *Geoforum* 16, 1985: 15-23. **Q1** IF=3.90.

**Kellerman, A.** The evolution of service economies: A geographical perspective. *The Professional Geographer* 37, 1985: 133-143. **Q1** IF=2.41.

Shamai, S. and **Kellerman, A.** Conceptual and experimental aspects of regional awareness: An Israeli case study. *Tijdschrift voor Economische en Sociale Geografie* 76, 1985: 88-99.

**Q1** IF=2.15.

**Kellerman, A.** City profile: Tel Aviv. *Cities* 2, 1985: 98-105. **Q1** IF=5.84.

**Kellerman, A.** Population dispersal: Forecasting and reality in the Four Million Population Plan for Israel. *Geography Research Forum* 8, 1985: 53-72. **Q3** IF=0.63.

**Kellerman, A.** and Krakover, S. Multi-sectoral urban growth in space and time: An empirical approach. *Regional Studies* 20, 1986: 117-129. **Q1** IF=4.67.

**Kellerman, A.** Characteristics and trends in the Israeli service economy. *The Service Industries Journal* 6, 1986: 205-226. **Q1** IF=6.54.

**Kellerman, A.** Telecommunicated universities: The diffusion of BITNET. *Land-Use Policy* 3, 1986: 213-220. **Q1** IF=5.40

**Kellerman, A.** The diffusion of BITNET: A communications system for universities. *Telecommunications Policy* 10, 1986: 88-92. **Q1** IF=3.04.

**Kellerman, A.** Telecommunications as a tool for closing gaps between center and periphery. *Economics Quarterly* 128, 1986: 547-554 (Hebrew).

**Kellerman, A.** Retail supply and demand in a System under transition: The case of Israel. *GeoJournal* 15, 1987: 31-38. **Q2** IF=1.98.

**Kellerman, A.** Structuration theory and attempts at integration in human geography. *The Professional Geographer* 39, 1987: 267-274. **Q1** IF=2.41.

**Kellerman, A.** Time-space homology: A societal-geographical perspective. *Tijdschrift voor Economische en Sociale Geografie* 78, 1987: 251-264. **Q1** IF=2.15.

**Kellerman, A.** U.S. nationwide trends in metropolitan retail trade: A perspective of the mid-1980s. *Geoforum* 18, 1988: 179-187. **Q1** IF=3.90.

**Kellerman, A.** Agricultural location theory 1: Basic models. *Environment and Planning A* 21, 1989: 1381-1396 (invited). **Q1** IF=4.06.

**Kellerman, A.** Agricultural location theory 2: Relaxation of assumptions and applications. *Environment and Planning A* 21, 1989: 1427-1446 (invited). **Q1** IF=4.06.

**Kellerman, A.** Cultural uniqueness and conflict between Jerusalem and Tel-Aviv: History repeating itself? *City and Region* 19-20, 1989: 126-130 (Hebrew).

Ozeri L. and **Kellerman, A.** Hypermarkets in Israel 1976-1986. *Land* 31, 1989: 2-9 (Hebrew).

**Kellerman, A.** and Krakover, S. Urban decentralization: A redefinition applied to the urban

field of Chicago. *Geography Research Forum* 10, 1990: 51-67. **Q3** IF=0.63.

Blumen, O. and **Kellerman, A.** Gender differences in commuting distance, residence and employment location: Metropolitan Haifa 1972-1983. *The Professional Geographer* 42, 1990: 54-71. **Q1** IF=2.41.

**Kellerman, A.** International telecommunications around the world: A flow analysis. *Telecommunications Policy* 14, 1990: 461-475. **Q1** IF=3.04.

**Kellerman, A.** The decycling of time and the reorganization of urban space. *Cultural Dynamics* 4, 1991: 38-54. **Q2** IF=0.25.

Cohen A. and **Kellerman, A.** International telecommunications as international movement: The case of Israel *Telecommunications Policy* 16, 1992: 156-166. **Q1** IF=3.04.

**Kellerman, A.** U.S. international telecommunications 1961-1988: An international movement model. *Telecommunications Policy* 16, 1992: 401-414. **Q1** IF=3.04.

Gil, Y. and **Kellerman, A.** A multicriteria model for the location of solid waste transfer stations: The case of Ashdod, Israel. *GeoJournal* 29, 1993: 377-384. **Q2** IF=1.98.

**Kellerman, A.** Settlement frontiers revisited: The case of Israel and the West Bank. *Tijdschrift voor Economische en Sociale Geografie* 84, 1993: 27-39. **Q1** IF=2.15.

**Kellerman, A.** Technological innovations and the Israeli city. *Horizons* 37-38, 1993: 23-33 (Hebrew).

**Kellerman, A.** The conceptualization of time and space in geographical social theory. *Geography Research Forum* 14, 1994: 1-12. **Q3** IF=0.63.

**Kellerman, A.** Commuting as experience and its ramifications for telecommuting. *Netcom* 8, 1994: 225-234.

**Kellerman, A.** Settlement myth and settlement activity: Interrelationships in the Zionist Land of Israel. *Transactions of the Institute of British Geographers* 21, 1996: 363-378. **Q1** IF=4.78.

Greenberg, O. and **Kellerman, A.** The intrusion of commerce into the land-use pattern in the Haifa Bay 1972-1992. *Land* 41, 1996: 23-38 (Hebrew).

**Kellerman, A.** Transitions in the meaning of frontiers: From settlement advance to regional development. *Journal of Geography* 96, 1997: 230-234. **Q2** IF=2.4.

**Kellerman, A.** Fusions of information types, media, and operators, and continued American leadership in telecommunications. *Telecommunications Policy* 21, 1997: 553-564. **Q1** IF=3.04.

Azaryahu, M. and **Kellerman, A.** Symbolic places of national history and revival: A study in Zionist mythical geography. *Transactions of the IBG* 24, 1999: 109-123. **Q1** IF=4.78.

**Kellerman, A.** Leading nations in the adoption of communications media 1975-1995. *Urban Geography* 20, 1999: 377-389. **Q1** IF=4.73.

**Kellerman, A.** Space and place in Internet information flows. *Netcom* 13, 1999: 25-35.

**Kellerman, A.** Where does It happen? The location of the production and consumption of Web information. *Journal of Urban Technology* 7, 2000: 45-61. **Q1** IF=5.47.

**Kellerman, A.** Phases in the rise of information society. *Info* 2, 2000: 537-541. **Q1** IF=33.79.

**Kellerman, A.** Conditions for the development of high-tech industry: The case of Israel. *Tijdschrift voor Economische en Sociale Geografie* 93, 2002: 270-286. **Q1** IF=2.15.

**Kellerman, A.** New York and Los Angeles: Global leaders in information production. *Journal of Urban Technology* 9, 2002: 21-35. **Q1** IF=5.47.

Avidan, I. and **Kellerman, A.** Distance in the Internet by time and route: An empirical examination. *Contemporary Israeli Geography (Horizons 60-61)*, 2004: 77-88.

**Kellerman, A.** Internet access and penetration: An urban international comparison. *Journal of Urban Technology* 11 (3), 2004: 63-85. **Q1** IF=5.47.

**Kellerman, A.** Broadband penetration and its implications: The case of France. *Netcom* 20 (3-4), 2006: 237-246.

**Kellerman, A.** Cyberspace classification and cognition: Information and communications cyberspaces. *Journal of Urban Technology* 14 (3), 2007: 5-32. **Q1** IF=5.47.

**Kellerman, A.** and Paradiso, M. Geographical location in the Information Age: From destiny to opportunity? *GeoJournal* 70: 2007: 195-211. **Q2** IF=1.98.

**Kellerman, A.** International Airports: Passengers in an Environment of 'Authorities'. *Mobilities* 3, 2008: 161-178. **Q1** IF=2.44.

**Kellerman, A.** End of spatial reorganization?: Urban landscapes of personal mobilities in the Information Age. *Journal of Urban Technology* 16, 2009: 47-61. **Q1** IF=5.47.

**Kellerman, A.** Mobile broadband services and the availability of instant access to cyberspace. *Environment and Planning A* 42, 2010: 2990-3005. **Q1** IF=4.06.

**Kellerman, A.** Mobility or mobilities: Terrestrial, virtual and aerial categories or entities? *Journal of Transport Geography* 19, 2011: 729-37. **Q1** IF=4.99.

**Kellerman, A.** Potential mobilities. *Mobilities* 7, 2012: 171-183. **Q1** IF=2.44.



- Kellerman, A.** The satisfaction of human needs in physical and virtual spaces. *The Professional Geographer* 66, 2014: 538-46. **Q1** IF= 2.41.
- Kellerman, A.** Are virtual and urban spaces at equilibrium? *Journal of Urban Technology* 22, 2015: 133-37. **Q1** IF=5.47.
- Kellerman, A.** Image spaces and the geography of Internet screen-space. *GeoJournal* 81, 2016: 503-517. **Q2** IF=1.98.
- Kellerman, A.** Everyday carry for mobile individuals. *Transfers* 9, 2019: 61-76. **Q3** IF=0.8.
- Kellerman, A.** Social-spatial interaction, proximity and distance: From face-to-face to virtual communications. *Applied Mobilities* 7, 2022: 394-412. **Q1** IF=1.63.  
<http://dx.doi.org/10.1080/23800127.2021.1928992>.
- Kellerman, A.** (Im)mobilities: From dichotomy to continuum. *The Professional Geographer* 74, 2022: 246-253. **Q1** IF=2.41.
- Kellerman, A.** Post-Coronavirus personal spatial mobilities: A speculative view. *Journal of Urban Technology* 29, 2022: 145-158. **Q1** IF=5.47.  
<https://doi.org/10.1080/10630732.2022.2044743>.
- Kellerman, A.** Basic human requirements of physical and virtual spaces and their implications. *Mobilities* 18, 2023: 103-114. **Q1** IF=2.44.  
<https://doi.org/10.1080/17450101.2022.2045872>.
- Kellerman, A.** Homo Viator 2020s: Electrified and Internet-based personal mobilities. *GeoJournal* 88, 2023: 2553-2562. **Q2** IF=1.98.  
<https://link.springer.com/article/10.1007/s10708-022-10764-8>.
- Kellerman, A.** Autonomous technologies for daily personal mobilities. *European Journal of Geography* 14, 2023: 89-96. **Q1-Q3** IF=0.4.  
<https://doi.org/10.48088/ejg.a.kel.14.3.089.096>.

### **Book chapters:**

- Kellerman, A.** An updated geographical profile of greater Tel-Aviv and its implications on policy making in planning, in Grossman, D. ed.), *Between Yarkon and Ayalon*. Ramat-Gan: Bar-Ilan University Press, 1983:185-194 (Hebrew).
- Kellerman, A.** The role of telecommunications in assisting peripherally located countries: The case of Israel, in Brunn, S.D. and Leinbach, T.R. (eds.), *Collapsing Space and Time: Geographic Aspects of Communications and Information*. London: Harper Collins, 1991: 252-277.

**Kellerman, A.** The social demand for international telecommunications: The hidden promise, in Staple, G.C. (ed.), *Telegeography: The Global Telecommunications Traffic Report-1992*. London: International Institute of Communications, 1992: 12-16.

**Kellerman, A.** International telecommunications in Israel, in Gradus, Y. and Lipshitz, G. (eds.), *The Mosaic of Israeli Geography*. Beer Sheva: Ben-Gurion University Press, 1996: 197-201.

**Kellerman, A.** Sociospatial aspects of telecommunications: An overview, in Sawhney, H. and Barnett, G.A. (eds.), *Progress in Communication Sciences 15: Advances in Telecommunication*. Norwood, NJ: Ablex, 1998: 217-232.

**Kellerman, A.** Business travel and leisure tourism: Comparative trends in a globalizing world, in Beaverstock, J. V., Derudder, B., Faulconbridge, J. and Wiltox, F. (eds.), *International Business Travel in the Global Economy*. Farnham: Ashgate, 2010: 165-175.

**Kellerman, A.** Perspectives on international communications in the Mediterranean Basin, in Terkenli, T.S., Douguédroit, A. and Cassar, L.F. (eds.), *Connections, Mobilities, Urban Prospects and Environmental Threats: The Mediterranean in Transition*. Newcastle-upon-Tyne: Cambridge Scholars Publishing, 2015: 287-303.

**Kellerman, A.** The Internet as geographic technology, in Warf, B. (ed.), *Handbook on Geographies of Technology*. Northampton, MA: Edward Elgar, 2017: 126-137.

**Kellerman, A.** Is cyberspace there after all?, in Warf, B. (ed.), *Handbook on Geographies of the Internet*, London and New York: Routledge, 2021: 19-33.

**Kellerman, A.** Globalization, mobility and borders with respect to tourism, in Gelbman, A. and Timothy, D. (eds.), *Handbook on Political Borders and Tourism*. London and New York: Routledge, 2023: 134-144.

### **Commentaries and Replies:**

Does Von Thunen meet Ricardo? *Annals of the Association of American Geographers* 69, 1979: 639-641.

Location theory anticipated. *Area* 11, 1979: 377-378.

Automated geography: What are the real challenges? *The Professional Geographer* 35, 1983: 342-343 (invited).

The integrity of integration: A reply. *The Professional Geographer* 40, 1988: 221-222.

Transition to Zionist post-Socialist space. *Geography* 3, 1990: 11 (Hebrew).

Letter to the Editor. *Area 27*, 1995: 76-77.

Global economic crisis, information society, and personal mobilities. *Environment and Planning A* 41, 2009: 2033-2036.

Digitized urban systems and activities: A reexamination. *Environment and Planning B: Urban Analytics and City Science* 47, 2020: 174-178.

The Post-Corona city: Virus imprints and precautions. *Environment and Planning B: Urban Analytics and City Science* 47, 2020: 1124-1127 (invited).

The electrification of road transport and its urban effects. *Environment and Planning B: Urban Analytics and City Science* 49, 2022:1593-1596  
<https://doi.org/10.1177%2F23998083221088291>.

Chatbots and information mobility: An agenda for thought and study. *Environment and Planning B: Urban Analytics and City Science* 50, 2023: 1413-1415.  
<https://doi.org/10.1177/23998083231181595>.

### **Proceedings:**

The spatial distribution of the inter-village centers in Israel. Israeli-French Seminar on Independent Development and Cooperation in Rural Societies. University of Haifa, 1973 (French and Hebrew).

The Thunian macro-model: Some empirical findings. *Proceedings: New England-St. Lawrence Valley Geographical Society* 6, 1976: 68-69.

An updated geographical profile of greater Tel-Aviv and its implications for policy making in planning. *Proceedings of the Tenth Annual Meeting*. The Israeli Geographical Society, 1978: 113-115 (Hebrew).

Some basic questions, and other untitled comments, in Stern, E. and Meir, A. (eds.), *Contemporary and Future Geography*. Department of Geography, Ben-Gurion University, Occasional Papers 1, 1979: 39-42, 48, 54.

A test of the macro-Thunian model in Israel. *Proceedings*. The Israeli Geographical Society, 1979: 1-3 (Hebrew).

Geostatistics: Useful means for an efficient presentation of urban and regional data, in Schmitt, R.R. and Smolin, H.J. (eds.), *Urban, Regional and Environmental Information: Needs, Sources, Systems and Uses*. Washington, D.C.: URISA, 1981, pp. 169-179.

The modern city-Haifa in the post-industrial era. *Haifa in the 21st Century Conference*. Haifa: Haifa Municipality and the Institute for the Study of Haifa and the Galilee,

University of Haifa, 1989: 18-30 (Hebrew).

Telecommunications, services and commerce. *Haifa in the 21st Century Conference*. Haifa: Haifa Municipality and the Institute for the Study of Haifa and the Galilee, University of Haifa, 1989: 194-200 (Hebrew).

Interdependence and autonomy in international telecommunications, in Bakis, H., Abler, R. and Roche, E.M. (eds.), *Corporate Networks, International Telecommunications and Interdependence: Perspectives from Geography and Information Systems*. London: Belhaven, 1993: 17-30.

Commuting as experience and its ramifications for telecommuting. *Netcom* 8, 1994: 225-234.

Industry towards the 21st century: Industry and communications. *Horizons* 39, 1994: 10-14 (Hebrew).

Geography of telecommunications in a peace era, in Shachar, A. (ed.), *Israel in the Middle East: Geography in a Peace Era*. Jerusalem: Ministry of Education, Culture and Sport, 1996: 28-33 (Hebrew).

Information and the fusion of spatialities, in Couclelis, H. (ed.), *Spatial Technologies, Geographic Information, and the City*. Santa Barbara: National Center for Geographic Information and Analysis, Technical Report 96-10, 1996: 162-166.

Locational aspects of the Internet, in Sofer, A. and Canaan, Y. (eds.), *Geographical Processes and Developments in Israel and Abroad (A View towards 2020)*. Haifa: University of Haifa, 2004: 52-58 (Hebrew).

Wirelessness and urban spatial organization, in Paulus, E. and Anderson, K. (eds.), *UbiComp in the Urban Frontier Proceedings*. Nottingham: UbiComp, 2004: 1-2.

Euro-Mediterranean information society: Changing landscapes, in Giordano, A. and Micoli, P. (eds.), *Cultural Landscapes, Sustainability and the Euro-Mediterranean Space* (Italian). Rome: SGI, 2010: 263-265.

### **Entries:**

International Geographical Union, in Warf, B. (ed.), *Encyclopedia of Geography*. Thousand Oaks, CA: SAGE, 2010, Vol. 3: 1614-1615.

Geography of cyberspace. *Oxford Bibliographies*, 2018. [www.oxfordbibliographies.com](http://www.oxfordbibliographies.com).

Cyberspace, in Warf B. (ed.), *The SAGE Encyclopedia of the Internet*. Thousand Oaks, CA: SAGE, 2018: 156-163, DOI: <http://dx.doi.org/10.4135/9781473960367.n51>.

**Reports:**

Communication and telecommunication geography in Israel. *Netcom* 3, 1989: 167-172.

The New IGU Commission on 'the Geography of Information Society' (2000-2004). *Netcom* 14, 2001: 201-212.

International Geographical Union (IGU) Commission on the Geography of Information Society (2000 C-10): Report 2000-2004 and Extension Proposal (2004-2008). *Netcom* 18, 2005: 147-154.

A Tribute to the IGU activities of Professor Henry Bakis. *Netcom* 32, 2018 (with Mark Wilson).

**Book reviews:**

Times, Spaces and Places. *Tijdschrift voor Economische en Sociale Geografie* 72, 1981, 371-372.

The Coming of the Transactional City. *Tijdschrift voor Economische en Sociale Geografie* 75, 1984: 379-380.

Communities in Crisis. *Environment and Planning A* 18, 1986: 559-560.

Neighborhoods and Friendship Networks. *Environment and Planning A* 19, 1987: 420-421.

Spatial Strategies in Retailing. *GeoJournal* 16, 1988: 439-440.

The Constitution of Society: Outline of the Theory of Structuration. *Geography Research Forum* 9, 1989: 169-171.

Resource Communities: Settlement and Workforce Issues. *Annals of the Association of American Geographers* 80, 1990: 626-627.

The New Towns of Israel (1948-1988): A Reappraisal. *Area* 22, 1990: 397-398.

Region as a Socio-Environmental System: An Introduction to a Systemic Regional Geography. *Environment and Planning A* 23, 1991: 457.

The Industrial Geography of Israel. *Environment and Planning A* 26, 1994: 165.

The Politics of Planting: Israeli-Palestinian Competition for Control of Land in the Jerusalem Periphery. *Tijdschrift voor Economische en Sociale Geografie* 85, 1994: 280-281.

Spatial Data Analysis in the Social and Environmental Sciences. *Geography Research Forum* 14, 1994: 130-131.

Telegeography 1999. *Info* 1, 1999: 376.

Worlds of E-commerce: Economic, Geographical and Social Dimensions. *Political Geography* 22, 2003: 457-467.

The Geography of the Internet Industry: Venture Capital, Dot-coms, and Local Knowledge. *Geography Research Forum* 25, 2005: 158-159.

The Diffusion of E-commerce in Developing Economies: A Resource-based Approach. *Growth and Change* 38, 2007: 730-732.

Mobility and Place: Enacting Northern European Peripheries. *Journal of Rural Cooperation* 36, 2008: 183-184.

Towards a Geography of Software (Review of Code\Space). *Dialogues in Human Geography* 3, 2013: 242-244.

Technologies of Choice? ICTs, Development, and the Capabilities Approach. *Economic Geography* 90, 2014: 245-246.

Smart Cities in the Post-algorithmic Era: Integrating Technologies, Platforms and Governance. *Geography Research Forum* 40, 2020: 213-215.

Rethinking Communication Geographies: Geomedia, Digital Logistics and the Human Condition. *Geography Research Forum* 42, 2022: 165-167.

### **Bibliographies:**

*Time, Space and Society*. Public Administration Series P2479. Monticello, IL: Vance Bibliographies, 1988.

*Agricultural Location Theory*. Public Administration Series P2579. Monticello, IL: Vance Bibliographies, 1989.

### **Instructional materials:**

*Geography of the Land of Israel, the Middle East, the U.S. and the U.S.S.R.* Haifa: The American Institutes for Education in Correspondence, 1971 (Mimeo, Hebrew).

*Israel Programming Suggestions*. Boston: Bureau of Jewish Education, 1975 (Mimeo).

*On the Geography of Israel: Suggested Supplementary Material for Teaching Israel*. Boston: Bureau of Jewish Education, 1976 (Mimeo).

Mobile Telephony: Affects on People and Place. *Geodate* 22 (No. 4) August 2009: 6-9 (invited).

### **Other articles:**

Telecommunications is a national asset. *Globes* December 31, 1992 (Hebrew).

Competition will benefit 'Bezek'. *Globes* January 25, 1993 (Hebrew).

Information is lacking in the telecommunications market. *Globes* July 12, 1994 (Hebrew).

Lessons from the competition in telecommunications. *Globes* December 20, 1994 (Hebrew).

Infrastructure for business communications. *Globes* November 26, 1996 (Hebrew).

Quality and excellence fostering at the University of Haifa: A process in the making. *Human Resources* 10 (116) August 1997: 18-24 (Hebrew) (with M. Cohen and S. Cezana).

The land of unlimited communications. *Globes* December 28, 1999 (Hebrew).

Corona and Contemporary Mobilities. Blog posted on the *Critical Automobility Studies Lab* website March 19, 2020, <https://cas.ihs.ac.at/>.

## **PUBLICATIONS IN JUDAIC STUDIES**

### **Books:**

**Kellerman, A.** *Prayers and Blessings from a Historical Perspective*. Haifa: Shaanan Academic College for Education, 2017 (Hebrew).

### **Articles:**

**Kellerman, A.** The antiquity of the 'Kaddish'. *Shaanan* 18, 2012: 129-150 (Hebrew).

**Kellerman, A.** The Blessing of the Priests: Contents, structure and meanings. *Shaanan* 19, 2013: 89-100 (Hebrew).

**Kellerman, A.** Joy and Success for the Groom and the Bride: On twelve words in the last blessing of the 'Grooms Blessing'. *Shaanan* 20, 2014: 171-191 (Hebrew).

**Kellerman, A.** 'Please forcefully' (Anna Becho'ach): Mystery, poem and prayer. *Sinai* 148, 2015: 210-222 (Hebrew).

**Kellerman, A.** A person must thank: Personal gratitude to the Lord. *Shaanan* 21, 2015: 87-

103 (Hebrew).

**Kellerman, A.** 'Sanctity of the Day' (Kdushat Hayom) and 'Will Rise and Come' (Ya'ale Veyavo) Are They the Same? *Sidra* 31, 2016: 125-137 (Hebrew).

**Kellerman, A.** The Structuring of the blessing *Hatov Vehemetiv* in the Grace. *Hemda'at* 9, 2016: 227-255 (Hebrew).

**Kellerman, A.** Condolence Texts for the Mourners. *Oreshet* 7, 2017: 187-200 (Hebrew).

**Kellerman, A.** The fixing of the daily Psalm into the morning service. *Moreshet Israel* 20, 2022: 67-90 (Hebrew).

**Kellerman, A.** 'A psalm; a Song at the Dedication of the House of David': Sources and adoption phases for the last addition to the daily morning prayer. *Sidra* 35, 2023: 265-279 (Hebrew).

**Kellerman, A.** Reciting of 'Yehi Ratzon' and 'Aheinu' after Tora readings on Mondays and Thursdays and on Shabbat of New Month blessing: Sequences of a custom. *Hemda'at* 16, 2023: 48-67 (Hebrew).

**Kellerman, A.** Mazal Tov [good luck]: On the variety of uses of an expression of congratulations. *Hemda'at* 17, 2024 (Hebrew) (forthcoming).

**Kellerman, A.** Additions to the regular prayers in Ashkenaz rituals in the New Age: Rav's Prayer and 'of David: The Lord is my light and salvation (Psalm 27)'. *Moreshet Israel* 21, 2024 (Hebrew) (forthcoming).

## PAPER PRESENTATIONS

"The Spatial Distribution of Inter-Rural Centers in Israel." The Israeli-French Conference on Independent Development and Cooperation in Rural Societies, University of Haifa, May 1973.

"The Thunian Macro-Model: Some Empirical Findings." New England-St. Lawrence Valley Geographical Society, Annual Meeting, Salem, MA, 1976.

"Von Thunen's Crop Theory: A Reevaluation." Southeastern Division of the Association of American Geographers, Annual Meeting, 1976.

"The Regional Hierarchy of Net Income from Agricultural Land in the U.S." The Association of American Geographers, Annual Meeting, Salt Lake City, 1977.

"An Updated Geographical Profile of Greater Tel-Aviv and its Implications for Policy Making in Planning." The Israeli Geographical Society, Annual Meeting, Bar-Ilan



University, 1978 (Hebrew).

"A Time-Space Approach for Urban-Economic Studies." The Association of American Geographers, Annual Meeting, Philadelphia, 1979.

Moderator of the Symposium on Future Geography. The International Symposium on Current and Future Geography, Department of Geography, Ben-Gurion University, 1979.

"A Geostatistical Model for Equity Solutions for the Location of Public Facilities." The Second Israeli Conference for Regional Science, Tel-Aviv University, 1979 (Hebrew).

"The Calculation and Mapping of Trend-Surface Analysis for Nationwide County-Based Data." Harvard Computer Graphics Week, Harvard University, 1979.

"A Test of the Macro-Thunian Model in Israel." The Israeli Geographical Society, Annual Meeting, University of Haifa, 1979 (Hebrew).

"The Pertinence of the Macro-Thunian Analysis: The Israeli Case." The Association of American Geographers, Annual Meeting, Louisville, 1980.

"The Use of Computer Maps in Multiple Regression Analysis: A U.S. County-Map Application." Harvard Computer Graphics Week, Harvard University, 1980.

"Geostatistics: Useful Means for an Efficient Presentation of Urban and Regional Data." Urban and Regional Information Systems Association (URISA) Annual Conference, New Orleans, 1981.

"Von Thunen's Factor Intensity Theory." The Association of American Geographers, Annual Meeting, San Antonio, 1982.

"Twenty Years of Suburbanization of Retail Trade: A Nationwide View." The Association of American Geographers, Annual Meeting, Denver, 1983.

"Time versus Space in Modern Urban Societies." The Israeli Geographical Society, Annual Meeting, Bar-Ilan University, 1983 (Hebrew).

"Telecommunications and the Geography of Metropolitan Areas." Discussant of J. Gottmann's "Geography and Technology". The Israeli Geographical Society, Annual Meeting, Bar-Ilan University, 1983.

"Time Versus Space in Modern Urban Societies." The Israeli Sociological Society, Annual Meeting, Bar-Ilan University, 1984 (Hebrew).

"Society and Space: A Structurationist Approach to the Study of Israeli Society in Time and Space." The Israeli Geographical Society, Annual Meeting, University of Haifa, 1984 (Hebrew).

"Society and Space: Changing Interrelationships." The Israeli Sociological Society, Annual Meeting, Tel Aviv University, 1985 (Hebrew).

"Society and Space in Israel: A Structurationist Framework." The Association of American Geographers, Annual Meeting, Detroit, 1985.

"Telecommunications as a Tool for Closing Center-Periphery Gaps." Conference on Centralization and Decentralization in Israel, Ben-Gurion University, 1985 (Hebrew).

"Elements in the Service Economy of Israel." The Israeli Geographical Society, Annual Meeting, Hebrew University, 1985 (Hebrew).

"Conflicting Service Systems: The Case of Israel." The Association of American Geographers, Annual Meeting, Minneapolis, 1986.

"Discussant of B. Kipnis' "Political Strategies for Regional Settlement Policy." The Israeli Geographical Society, Annual Meeting, Tel-Aviv University, 1986.

"The Role of Telecommunications in Assisting Peripherally Located Countries: The Case of Israel." European Science Foundation (ESF) Workshop, Jerusalem, 1987.

"Trends in the Development of International Telecommunications in Israel." The Israeli Geographical Society, Annual Meeting, Ben-Gurion University, 1987 (Hebrew).

"The Modern City - Haifa in the Post-Industrial Age." Haifa at 2000 Conference, Haifa, 1988.

"Trends in the Spatial Organization of Retail Trade in Haifa." Haifa at 2000 Conference, Haifa, 1988.

"Trends in the Research Frontier of Urban Geography." Urban Geography Specialty Group Meeting, Bar-Ilan University, 1988.

"Cultural Accents in the City Lookings: Jerusalem and Tel-Aviv." The Israeli Geographical Society, Annual Meeting, Bar-Ilan University, 1988 (Hebrew).

"Telecommunications and Peripherally Located Countries: The Case of Israel." The Association of American Geographers, Annual Meeting, Baltimore, 1989.

"International Telecommunications: Sharing the Global Village?" The Association of American Geographers, Annual Meeting, Toronto, 1990.

"Spatiality and Temporality in Israeli Society: An Overview." Jewish Geography: The Role of Time and Space in Jewish Civilization, Ohio State University, 1990.

"Primary Settlement Frontier in the Land of Israel." The Israeli Geographical Society, Annual Meeting, Hebrew University, 1990 (Hebrew).

"U.S. International Telecommunications 1961-1988." The Association of American Geographers, Annual Meeting, Miami, 1991.

"T.M.A. 31: Early Assessments." Keynote address, The Israeli Geographical Society, Annual Meeting, Tel-Aviv University, 1991.

"Industry and Telecommunications towards the 21st Century." The University of Haifa and the Israel Land Authority Conference on the Future of Israeli Industry, 1992.

"Interdependence and Autonomy in International Telecommunications." International Geographical Congress, Telecommunications Symposium, Washington, D.C., 1992.

"Telecommunications and Geography: A Review." International Geographical Congress, Telecommunications Symposium, Washington, D.C., 1992.

"Geography of Telecommunications: The Emergence of a Field of Study." The Israeli Geographical Society, Annual Meeting, Ben-Gurion University, 1992.

"Settlement Myths and Ethos in a Frontier Society: The Case of Zionist Land of Israel." International Conference on Regional Development: The Challenge of the Frontier, Ben-Gurion University and UCLA, 1993.

"The Status of Israeli Geography." Presidential Address, The Israeli Geographical Society, Annual Meeting, Bar-Ilan University, 1993 (Hebrew).

"Telecommunications and the Metropolitan City: Perspective of the 1990s." The Israeli Geographical Society, Annual Meeting, Bar-Ilan University, 1993 (Hebrew).

"Commuting as Experience and its Ramifications for Telecommuting." International Geographical Congress, Telecommunications Symposium, Prague 1994.

"Settlement Myth and Settlement Activity: Interrelationships in Zionist Israel." The Association of American Geographers, Annual Meeting, Chicago, 1995.

"Commuting as Experience and its Ramifications for Telecommuting." Telecom Tectonics - Michigan State University, East Lansing, 1995.

Presidential Address, The Israeli Geographical Society, Annual Meeting, University of Haifa, 1995 (Hebrew).

"The Opening of a New Cycle of Society/Space Relations in Israel." The Israeli Geographical Society, Annual Meeting, University of Haifa, 1995 (Hebrew).

"Telecommunications between Israel and the Arab World: Initial Remarks." International Geographical Union, Commission on Communication Networks and Telecommunications, Annual Meeting, University of Haifa, 1995.

"The Local Becomes Global Becomes Local: Fusions of Spatialities." The British-Israeli Geography Academic Seminar, University of Haifa, November 1995.

"Interrelationships between Settlement Myth and Settlement Activity in the Zionist Enterprise." The Israeli Geographical Society, Annual Meeting, Hebrew University, 1995 (Hebrew).

"The Local Becomes Global Becomes Local." International Geographical Congress, Telecommunications Symposium, The Hague, 1996.

"Information and the Fusion of Spatialities." National Center for Geographic Information and Analysis (NCGIA), Convention on Spatial Technologies, Geographic Information and the City, Baltimore 1996.

"Symbolic Places and National Memory: Renewed Zionist Historical Geography." The Israeli Geographical Society, Annual Meeting, Tel Aviv University, 1996 (Hebrew).

"American Predominance in Telecommunications: Past Pattern or Continuing Trend?" The Association of American Geographers, Annual Meeting, Dallas-Fort Worth, 1997.

"Global Capital Flows and Urban Space." E\*Space (third meeting), Singapore, 1997.

"The Virtual Space: Aspects, Meanings and Local Processes." The Israeli Geographical Society, Annual Meeting, Ben-Gurion University, 1997 (Hebrew).

"Israel's International Telecommunications: Regional Peace in an Era of Globalization." Geopolitics and Globalization in a Postmodern World (IGU), University of Haifa, 1998.

"Nations and Communications: Diversified Leadership." Telecommunications and the City, University of Georgia, Athens GA, 1998.

"Symbolic Places and National Revival: Zionist Recovered Historical Geography." The Association of American Geographers, Annual Meeting, Boston, 1998.

"Nations and Communications: Diversified Leadership." E\*Space (fourth meeting), Sophia Antipolis, 1998.

"A Changing Geography of International Telecommunications: Israel in the Late 1990s." International Geographical Union (IGU) Regional Meeting, Lisbon, 1998.

"The Mediterranean as a Region: Aspects of Communications," The Mediterranean as a Region, University of Haifa, 1998 (Hebrew).

"Leading Nations in the Adoption of Communications Media," The Israeli Geographical Society, Annual Meeting, Bar-Ilan University, 1999 (Hebrew).

"Society and Space in Israel at the End of the Century," Plenary session, The Israeli Geographical Society, Annual Meeting, Bar-Ilan University, 1999 (Hebrew).

"International Telephony in the Mediterranean Basin, "International Geographical Union, Commission on Communication Networks and Telecommunications, Annual Meeting, Milano Polytechnicum, 1999.

"The Rise of Information Societies," E\*Space (fifth meeting), Capetown, 1999.

"Tel-Aviv: The Start-up Metropolis," Conference on Cities in the Global Information Society: An International Perspective, Newcastle upon Tyne, 1999.

"University Management in the Quality and Information Era," Quality and Knowledge Conference, Haifa, 1999 (Hebrew).

"The Emergence of Information Society," The Israeli Geographical Society, Annual Meeting, University of Haifa, 1999 (Hebrew).

"The Rise of Information Society: U.S. Leadership," The Association of American Geographers, Annual Meeting, Pittsburgh, 2000.

"The Location of Production and Consumption of Web Information," mini-E\*Space (sixth meeting), Michigan State University, 2000.

"Geographical Dimensions of International Telecommunications in the Mediterranean Basin," International Colloquium, The Mediterranean: Culture, Environment and Society, University of Haifa, 2000.

"The Location of Production, Consumption and Contents of Web Information," Global Conference on Economic Geography, The National University of Singapore, 2000.

"Geography of Information: Concealed or disclosed?" Plenary session, The Israeli Geographical Society, Annual Meeting, Hebrew University, 2000 (Hebrew).

"The Location of Production, Consumption and Contents of Web Information," The Association of American Geographers, Annual Meeting, New York, 2001.

"The Global Leadership of New York and Los Angeles in Information Production," Digital Communities, Chicago, 2001.

"The Emergence of a Technological Nation: The Israeli High-Tech Industry", The Israeli Geographical Society, Annual Meeting, Tel-Aviv University, 2001 (Hebrew).

"International Differences in the Geography of Internet Information Production", International Geographical Union (IGU) Regional Meeting, Durban, South Africa, 2002.

The Internet World: The Death of Distance or a Known Geography?", Keynote Address,

Conference on the Death of Distance, Oranim College, 2002 (Hebrew).

"Digital Cities: The Perspective of Internet Consumption and Use", Digital Communities (E\*Space), Stockholm, 2003.

"Trends in the Urban Location of Production and Consumption of Internet Websites", Computer Networks and Social Networks: An International Conference, Haifa, 2003.

"Access to the Internet and its Penetration into Households: An Urban International Comparison", The Israeli Geographical Society, Annual Meeting, Bar-Ilan University, 2003 (Hebrew).

"Mobilities of Humans and Information: A Comparison at the 'Third Generation' Intersection", The Association of American Geographers, Annual Meeting, Philadelphia, 2003.

"Physical and Virtual Spatial Mobilities: Automobiles versus Telecommunications", International Geographical Congress, Glasgow, 2003.

"Wirelessness and Urban Spatial Organization", UbiComp in the Urban Frontier Workshop, UbiComp 2004. Nottingham, 2004.

"Personal Spatial Mobility (Physical and Virtual): Trends in Israel", The Israeli Geographical Society, Annual Meeting, University of Haifa, 2004 (Hebrew).

"The Geography of the Information Society" (Keynote address), Conference on the Geography of the Information Society. Rome, 2005. Sponsored by The Italian Geographical Society, CNEL, Geoknowledge Foundation, The Israeli Academy of Science, and Accademia Nazionale dei Lincei.

"The Geography of Information Society", Seminar of the IGU Commission on the Geography of the Information Society, Home of Geography, Rome, 2005.

"Access to Information: Need, Capability and Performance", Info2005 (Teldan), Tel Aviv, 2005 (Hebrew).

"Motivations for Physical and Virtual Personal Mobilities", Digital Communities/IGU Commission on the Geography of the Information Society Meeting, Naples/Benevento, 2005.

"The Geography of the Information Society: An Overview", Conference on Digital Divide, Global Development and the Information Society (WSIS), Tunis, 2005.

"Personal mobility and fixity", The Israeli Geographical Society, Annual Meeting, The Hebrew University, 2006 (Hebrew).

"Geographical location in the information age: From destiny to opportunity", Annual Meeting of the IGU Commission on the Geography of the Information Society, Sydney, 2006 (with

M. Paradiso).

"Perspectives on personal mobilities and contemporary urban life", IGU Regional Conference, Brisbane, 2006.

"Technology as creating and facilitating geography", The Israeli Geographical Society, Annual Meeting, Tel Aviv University, 2006 (Hebrew).

"Personal mobilities", Workshop on the Geography of Information Society, New Contributions and Directions, Rome, 2007.

"Personal Mobilities, Contemporary Cities, and Urban Life", CUNY Institute for Urban Systems International Scholars Series on Infrastructure and the Environment, New York, 2007 (invited public lecture).

"Means for personal mobilities: An international perspective". Digital Communities/Annual Meeting of the IGU Commission on the Geography of the Information Society, Tallinn, 2007.

"Business travel and leisure tourism: Comparative trends in a globalizing world". Workshop on Business Travel in the Global Economy, Ghent University, 2008 (keynote presentation).

"Euro-Mediterranean Landscapes". Conference on Cultural, Economic and Cooperative Landscapes of the Euro-Mediterranean Space, Italian Parliament and the Italian Geographical Society, Rome, 2008 (invited).

"Geographical Aspects of International Airports: Passengers in an Authoritative Environment". Conference on Engineering Earth: The Impacts of Megaengineering Projects. Lexington, KY, 2008 (invited).

"Trends and Factors for International Communications in the Mediterranean Basin". International Geographical Congress, Tunis, 2008.

"The Global Meets the Local in Ramat-Gan: Concepts and Connections". The Israeli Geographical Society, Annual Meeting, Bar-Ilan University, 2008 (keynote presentation) (Hebrew).

"Perspectives on International Communications in the Mediterranean Basin". IGU MRP (Mediterranean Renaissance Program) Workshop, Rome 2009.

"End of Spatial Reorganization?: Urban Landscapes of Personal Mobilities in the Information Age". The Association of American Geographers, Annual Meeting, Las Vegas, 2009.

"Mobility or Mobilities? Terrestrial, Virtual and Aerial Modes". The Association of American Geographers, Annual Meeting, Washington, 2010.

"Personal Mobility and Personal Autonomy". International Geographical Regional Conference, Tel Aviv, 2010.

Discussant of the session "Mediterranean Information Societies: Between Traditional Cultures and Contemporary Global Communications". International Geographical Regional Conference, Tel Aviv, 2010.

"Potential Mobilities". Mobilities in Motion Conference. Drexel University, Philadelphia, 2011.

"Mobile Broadband Services and the Availability of Instant Access to Cyberspace". Meeting of the IGU Commission on the Global Geography of the Information Society, Technical University, Athens, 2011.

"Potential Mobilities". International Geographical Regional Conference, Santiago de Chile, 2011.

"Daily Spatial Mobilities; Physical and Virtual". International Geographical Congress, Cologne, 2012.

"Information across Borders in the Internet Age". The Israeli Geographical Society, Annual Meeting, Ben-Gurion University, 2012 (Hebrew).

"Higher Education in the North". The Second Annual Meeting of the Center for the Study of Haifa and the North, University of Haifa, University of Haifa, 2012 (Hebrew).

"The Satisfaction of Human Needs in Physical and Virtual Spaces". International Geographical Regional Conference, Kyoto, 2013.

"The Roles of Real and Virtual Spaces for Curiosity: Trigger, Objective and Means". World Social Science Forum (WSSF), Montreal, 2013.

"Daily Virtual Action Spaces: Patterns, Adoption and Leadership". International Geographical Union Regional Conference, Krakow, 2014.

"Co-presence in the Information Age". International Geographical Congress, Beijing, 2016.

"The Dual-space Society and its spatialities". International Geographical Union Regional Conference, Quebec, 2018.

"Social-Spatial Interaction, Proximity and Distance: From Face-to-face to Virtual Communications". RGS-IBG Annual International Conference, Virtual, 2021.

"Post-Coronavirus Personal Spatial Mobilities: A Speculative View". Centennial International Geographical Congress, Paris, 2022.

## **AWARDS AND GRANTS**



Bank Leumi, Israel: Award for excellence in B.A. studies, 1968.

University of Haifa: Awards for excellence in M.A. studies, 1969-1970 (twice).

Hebrew University: Awards for excellence in M.A. studies, 1969-1970 (twice).

University of Haifa: Research budget for M.A. thesis, 1971-1972.

University of Haifa: Scholarships for doctoral studies, 1973-1976 (three times).

Memorial Foundation for Jewish Culture, New York, NY: Scholarships for doctoral studies, 1974-1975 (twice).

Hecht Foundation, University of Haifa: "Land, People and Lifestyle: An Assessment of Changing Priorities in Zionist Goals", 1984.

University of Haifa, Students Union, Excellence in Teaching, 1987.

Bezek (Israel Telecommunications Co.): "Israeli International Telecommunications: Changing Factors 1950/51-1985/86", 1989-1990.

American Research Fellowship Program (CIES, Fulbright): "U.S. International Telecommunications 1961-1989: An International Movement Model", Summer 1991.

Moshkovitz Foundation, Bar-Ilan University: "Society and Settlement: Jewish Land of Israel in the Twentieth Century", 1991.

Bezek (Israel Telecommunications Co.): "Telecommunications and Geography", 1992-93.

Moshkovitz Foundation, Bar-Ilan University: "Settlement Myths and Settlement Activity in the Zionist Settlement Enterprise", 1994.

Jewish National Foundation, The Ben-Shemesh Award: "Land Settled and Society Formed", 1994.

National Science Foundation (NSF) (through New York University): "The production of Internet Information"; and "The Global Becomes Local Becomes Global", 1999.

Burda Center, Ben-Gurion University: "The Geography of Information", 2001.

Association of American Geographers (AAG): "The Internet on Earth: A Geography of Information", Meridian Award for Outstanding Scholarly Work in Geography, 2002.

Burda Center, Ben-Gurion University: "Personal Mobilities", 2005.

Rejected but ranked highly

'Information society in peripheral regions of developed Mediterranean countries: Regional development and policy', *EU-FP7-2007*. Coordinator and PI, with partners from Italy, France, Greece, and Spain (favorably evaluated by experts, declined for budget limits).

## **PROFESSIONAL AND ACADEMIC ORGANIZATIONS**

### **Council of Higher Education, Israel**

Member 2016-  
 Member, Committee for Social Sciences  
 Member, Committee for Academic Quality  
 Member, Committee for Enforcement  
 Member, Committee for Pre-academic studies

### **Academia Europaea**

Member 2011-

### **International Year of Global Understanding (IYGU)**

Member, Outreach Team, 2013-

### **International Social Science Council (ISSC)**

Member, Program Committee, World Social Science Forum (WSSF) "Social transformation and the Digital Age", Montreal, October 13-15, 2013.

### **International Geographical Union**

Chair, Steering Committee for Tel Aviv Regional Conference 2006-2008.  
 Member, Steering Committee for Tel Aviv Regional Conference 2006-2008.

**Vice-President** 2008-2014.

### **Commission on Geography of Telecommunications and Communication**

Full Member 1987-2000.  
 Vice-Chair, 1995-2000.  
 Coordination of Theme 3: The New Differentiation of Space by  
 Telecommunications Networks, 1992.  
 Co-organizer, Jerusalem and Haifa Meeting, 1995.

### **Commission on the Geography of Information Society**

Founder and Chair, 2000-2008  
 Honorary Chair, 2008-  
 Executive Committee member, 2016

### **Mediterranean Renaissance Program (MRP/COMB)**

Member, Steering Committee 2005-2012  
 Member, Honorary Board 2016-

### **Cultures and Civilizations for Human Development Project (CCHD)**

Member, Steering Committee and Management team 2005-2007

### **Israeli Geographical Society**

Secretary, Northern District 1972-73.  
 Member, National Council 1978-80, 1983-88.  
 Chair, Urban Geography Specialty Group, 1986-89.  
 Vice-President, 1990-92.  
 President, 1992-95.

### **The Israel Academy of Sciences**

Member, Israeli National Commission for the IGU, 1978-80, 1986-2004.  
 Chair, The Israeli National Committee for Geography, 2005-2008

### **Association of American Geographers**

Organizer of Special Session, "The Geography of Israel towards the End of the Century, Annual Meeting, 1989.

## **COMMITTEE AND ADMINISTRATIVE SERVICE**

### **Departments: Department of Geography, University of Miami:**

Staffing Committee 1976-77

### **Department of Geography, University of Haifa:**

Member, Committee for M.A. Program 1979-81; 1983-85; 1990; 1992-93.

Chair, M.A. Committee, 1985-86;

Member, Curriculum Committee, 1980-81;

Member, Computers Committee, 1983-89;

Member, Promotions Committee, 1988-89; 1990-95;

Chair, Doctoral Committee, 1993-95.

Responsibility for: Development of laboratory for automated cartography 1977-80; international contacts, 1977; special students

1977-81; freshmen 1977-78; departmental colloquium,  
1979, 1983-84;

**Department of Communications, University of Haifa:**

Member, Personnel Committee 1998-2005.

**Department of Geography, Bar-Ilan University:**

Member, Committee for M.A. Program 1980-84.

**Department of Land of Israel Studies, Bar-Ilan University:**

Chair, Committee for Assessment of Modern Era Studies 1994.

Member, Doctoral Committee, 1993-95.

**University: University of Haifa:**

Lecturers' representative in Social Sciences Council 1977-78; 1979-81.

Member, Curriculum Committee for the Social Sciences 1977-1981; 1991-93.

Chair, Committee for Faculty Publications List in the Social Sciences, 1978.

Member, Ethics Committee, 1978-79.

Chair, Committee for the Social Sciences Program in Preparatory  
Studies, 1980.

Member, Faculty Union Committee, 1980-1982.

Member, Teaching Improvement Committee, 1981.

Member, University Senate, 1981-82; 1992-95

Member, Research Committee for the Social Sciences 1983-86.

Member, Bids Committee, 1984-86.

Coordinator, Students from maritime companies, 1984-85

Member, Committee for registration promotion, 1985-87.

Member, Insurance Committee, 1985-86; 1995-04.

Academic Counselor, Special High school Program, 1985-87.

Member, Ad Hoc Committee for Research Infrastructure in the Social  
Sciences, 1985.

Member, Committee for Maritime Studies, 1986-87.

Member, Computer Committee for the Social Sciences, 1986-88.

Member, Committee for Space Allocation, 1987-88.

Member, Steering Committee for Overseas Students Program, 1988-91.

Member, Research Authority Council, 1990-95.

Member, Council of the Advanced Studies Authority, 1991-94.

Member, Parking Committee, 1990-92.

Member, Committee for the Reorganization of the Social Sciences, 1992-93.

Member, Physical Planning Committee, 1992-93, 1995-2004.

Member, Senate Constitution Committee, 1992-3.

Member, Steering Committee, Department of Communications, 1994-95.

Member, Senate Promotions and Nominations Committee, 1994-95.

Chair, Joint Research Committee of the University of Haifa and the Technion,  
1994-95.

Member, Council of Students' Dean, 1994-95.

Member, Committee on the Use of Telematics in University Teaching, 1995-  
-97.

Chair, Bids Committee, 1995-04.

Member, Executive Committee, 1995-04.

Member, Board of Governors, 1995-04.

Member, Finances Committee, 1995-04.  
 Chair, Rental Committee, 1996-04.  
 Member, Executive Committee of the International Center for the Study of  
 Health Law and Ethics, 1996-04.  
 Member, Committee for Academic Planning, 1997-98.  
 Member, Committee for Israel 50th Anniversary Affairs, 1997-98.  
 Member, Committee on Innovations in Teaching Methods, 1999-00.  
 Member, Committee on Applications Promotion, 2000-01.  
 Member, Executive Committee of The Center for the Study of Democracy,  
 2004-  
 Member, Executive Committee of the International Center for Health, Law and  
 Ethics, 2017-2010

**University of Maryland:**

Member, Behavioral and Social Sciences Statistics Instruction and Research  
 Group, 1989-90.

**PROFESSIONAL SERVICE**

**Editorial boards:**

*Digital Geography and Society*  
*Netcom*  
*Progress in Communication Science*  
*Jerusalem and Land of Israel* (book series) (Bar-Ilan University and Land of Israel  
 Museum)  
*Info* (1998-2007)  
*Bulletin of the Association of Spanish Geographers* (until 2018)  
*Open Urban Studies Journal* (until 2014)  
*The Open Urban Studies and Demography Journal*  
*Geographica* book series, Università Europea di Roma, Italy  
*TeMA - Journal of Land use, Mobility and Environment*

**Reviews for journals, books and conferences:**

**Geography:**

*Annals of the Association of American Geographers*  
*Applied Mobilities*  
*Area*  
*Asian Journal of Communication*  
*Built Environment*  
*Business Travel in the Global Economy* (Book)  
*Cathedra*  
*Desert Development: Man and Technology in Sparselands*. Ministry of Education  
 (Israel)

*Digital Geography and Society*  
*Economic Geography*  
*Edward Elgar*  
*Environment and Planning A*  
*Environment and Planning B*  
*Environment and Planning D: Society and Space*  
*Fennia*  
*Geografisk Tidsskrift-Danish Journal of Geography*  
*Geografiska Annaler B*  
*Geographical Analysis*  
*GeoJournal*  
*Geography Research Forum*  
*Growth and Change*  
*Hasharon (book)*  
*Horizons*  
*The Information Society*  
*International Journal of Digital Earth*  
*The International Seminar in Political Geography, University of Haifa*  
*International Studies Association Compendium*  
*Internet Policy Review*  
*Journal of Historical Geography*  
*Journal of Sustainable Tourism*  
*Journal of Transport Geography*  
*Journal of Urban Affairs*  
*Journal of Urban Technology*  
*Mobilities*  
*Netcom*  
*Palgrave Macmillan*  
*Political Geography*  
*Research in Transportation Business and Management*  
*The Open University (Israel)*  
*The Professional Geographer*  
*Social and Cultural Geography*  
*Social Science Research*  
*Studies in Geography*  
*Studies in the Rising of Israel*  
*Tel Aviv (book)*  
*Telecommunications Policy*  
*Theory, Culture & Society*  
*Tijdschrift voor Economische en Sociale Geografie*  
*Transactions of the IBG*  
*Urban Geography*

**Jewish studies:**

*Jerusalem Studies in Jewish Thought*

**Service for granting agencies:****Reviewer:**

*National Science Foundation* (twelve times)

*Russian Science Foundation*

*Israeli Academy of Sciences* (numerous times)

*Tel Aviv Institute for Research*

*The German-Israeli Foundation for Scientific R & D*

*Burda Center for Innovative Communications*

*Research Foundation-Flanders (Belgium)* (twice)

*Der Wissenschaftsfonds (FWF) (Austrian National Science Foundation)*

**Member:**

Katerva, validation panel 2013-

The Scientific Committee for Geography and Planning, *Israeli Academy of Sciences*, 1985-86; 1992: 2003-04; 2006-07.

Awarding Committee, The Ruppin Award, Municipality of Haifa, 1988; 1994.

**Chair:**

The Scientific Committee for Geography, *Israeli Academy of Sciences*, 1987-88.

**Department Review Committees:**

Chair, International Review Committee for the Department of Geography, Ben-Gurion University, 2000.

**Project Participation:**

"Mapping the Global Web," Princeton University, 1999-.

Founder, The Information Society Research Center, University of Haifa, 1999.

"Information Technologies and the Future of Urban Environments,  
NSF/NYU, 1999-2000.

"Cosmobilities Network", advisor on virtual mobility, 2005-

**Service for Government, Organizations and Higher Education:**

Member, Committee for Recognition in Higher Learning, The Ministry for Labor and Welfare, 1992-95.

Member, National Committee for Tuition Reduction, 2000-01.

Member, National Committee for the Establishment of National Application Center, 2002-03.

Member, Executive Committee of the National Evaluation Center, 2002-04.

Member, General Board, Israeli Standards Institute, 2003-04.

National Steering Committee for Fast Internet Network, 2003-04.

Member, The Professional Geography Teaching Committee, Ministry of Education, 2005-

Member, Academic Council, The Arab Teaching College, Haifa, 2002-2007

Member, Academic Council, Sha'anani, The Religious Academic Teaching College, Haifa, 2004-2007

Expert Advisor, EMUNI University, 2010

**Editing:**

Co-editor (with Y. Bar-Gal) *Horizons* 4, 1980 (Hebrew).

Editor, *Horizons*, 1994 (Hebrew).

**Scientific Committees:**

Member, Scientific Committee, Conference on Geographies, Information and Communication, GRESOC, University of Toulouse-Le Mirail, 1994.

Member, Scientific Committee, Safed and Galilee Research Center, Safed Regional College, 1995.

Honorary Member, The International Biographical Centre (IBC) Advisory Council, 1997-.

Member, Advisory Board, "Digital Communities: Cities in the Information Society", International Conference, Chicago 2001.

Member, Research Board of Advisors, American Biographical Institute, Inc., 2001-2003.

Member, Scientific Committee, World Atlas of the Information Society, University of Toulouse-Le Mirail, 2003-

Member, Program Committee, conference on social transformation and the digital age, World Social Science Forum (WSSF) of the International Social Science Council (ISSC), Montreal, 2013.

**In-service courses and workshops:**

The Bureaus for Jewish Education: Boston, Miami, Houston, Los Angeles, Washington, DC, Baltimore, 1974-90.

Members of City Council and Senior Staff of the Municipality of Haifa, 1980-81.

High school geography teachers, 1981, 1986, 1987, 1988, 1993, 1994, 1995, 2004, 2006.

Israeli College for National Security, 1987.

Israeli Air Force, 1991.

**Consulting:**

Industrial Buildings Co., 1986.

Mayor of Haifa, 1987.

General Director, Ministry for Religious Affairs, 1987.

Haifa Economic Organizations, 1988-89.

U. Dori, Construction and Investments Co., 1989.

Member, The Public Advisory Council for Economic Development for the Mayor of Haifa, 1990-91.

The Biotechnological Institutes, 1992-93.

The Israel Management Center, 1992.

Southwestern Bell and Aurec Ltd., 1993.

Telegeography, Inc., 1991-1998.

Tlalim, 2005.

Ipsos (for Microsoft), 2005.



Member, Advisory Board, *The Interpreters' Forum*.

### **Dissertation Supervision:**

- Blumen, O. "The Spatial Distribution of Occupational Prestige as an Expression of Labor Market Rewards: Metropolitan Tel-Aviv, 1983" (jointly with V. Kraus). Department of Sociology and Anthropology, University of Haifa, 1996 (Hebrew). Dr. Blumen is currently on the faculty of the University of Haifa.
- Tal-Meishar, H. "The Internet and Social Space Dynamics". Department of Geography, University of Haifa, 2006 (Hebrew). Dr. Meishar-Tal is currently on the faculty of the Open University (Israel).
- Shaul, Y. "The Rural Idyll and Open Space Policies in Israel: The Attitudes of the Jewish Rural Settlements in the Northern District". Department of Geography, University of Haifa, 2008 (Hebrew). Dr. Shaul currently teaches at the University of Haifa.

### **Theses Supervision:**

- Ronen, R. "Modification of an Urban System for Solid Waste Collection: The Case of Givatayim". Department of Geography, Bar-Ilan University, 1981 (Hebrew). Joint paper published in *Applied Geography* 3, 1983.
- Shamai, S. "Regional Awareness". Department of Geography, University of Haifa, 1982 (Hebrew). Joint paper published in *Tijdschrift voor Economische en Sociale Geografie* 76, 1985.
- Gil, Y. "Criteria for the Location of Solid Waste Transfer Stations in Israel: The Case of Ashdod". Department of Geography, Bar-Ilan University, 1987 (Hebrew). Joint paper published in *GeoJournal* 29, 1993.
- Blumen, O. "Differences between Women and Men in Commuting Distance and the Spatial Structure of Employment: Metropolitan Haifa 1972-1983". Department of Geography, University of Haifa, 1987 (Hebrew). Awarded the Dean of Advanced Studies Annual Award for Best Thesis, 1988. Joint paper published in *The Professional Geographer* 42, 1990.
- Schmerler, M. "Retailing in the Petach Tikva CBD: Spatial Structure and Changes 1968-1986". Department of Geography, Bar-Ilan University, 1989 (Hebrew).
- Cohen A. "Israel's International Telephone Communications Trends, Destinations and Factors: 1951-1988". Department of Geography, University of Haifa, 1991. Joint paper published in *Telecommunications Policy* 16, 1992.
- Shaul, Y. "Shopping Malls as Competition to Central Business Districts: Views

Taken by Planning Authorities in Haifa 1958-1994". Department of Geography, University of Haifa, 1995. Awarded the Dean of Advanced Studies Annual Award for Best Thesis, 1996.

- Elroi, T. "From the Kibbutz Residential 'Room' to the Family 'Living Quarters': Changes in the Perception of Communal Life in the 'Hashomer Hatzair' Kibbutzim in the 1970s and 1980s". Department of Land of Israel Studies, Bar-Ilan University, 1996.

- Greenberg, O. "Changes in Commerce and Business Services in Metropolitan Haifa, 1981-1996". Department of Geography, University of Haifa, 1998. Joint paper published in *Land* 41, 1996 (Hebrew).

- Avidan, I. "Aspects which Define Distance during the Information Era: An Internet Model". Department of Geography, University of Haifa, 2002. Joint paper published in *Contemporary Israeli Geography (Horizons 60-61)*, 2004

- Sarig, N. "Geographical Aspects and the Features of University Websites Worldwide". Department of Geography, University of Haifa, 2003.

- Shachar, G. "Telephone Traffic in Remote Rural Areas: The Case of Gilat Satellite Network in Peru". Department of Geography, University of Haifa, 2005.

**Member in thesis and dissertation committees:**

University of Miami, US  
 Technion (Israel Institute of Technology)  
 Ben-Gurion University, Israel  
 Tel Aviv University, Israel  
 University of Hong Kong  
 Bar-Ilan University, Israel  
 Ghent University, Belgium  
 Tartu University, Estonia

**Miscellaneous**

"Industry and Communications Towards the 21st Century", Meeting on "Industry in Israel - Future Perspectives", University of Haifa, 1992.

"The Geography of Telecommunications in the Peace Era", Seminar on Israel in the Middle East: Towards a Geography of Peace, The Ministry of Education and the Israeli Geographical Society, 1994.

"Telecommunications with Arab Countries in the Peace Era", Seminar on the Peace Era, The Israeli Geographical Society, and the Department of Geography, University of Haifa, 1995.

"The Settlement Process in the Occupied Territories: Continuation or Transition?"

Conference on Thirty Years since the Six Days War, Herzl Institute for the Study of Zionism, University of Haifa, 1997.

"The Settlement Process in the West Bank: Continuity or Change?" Presentation for The Cherrick Forum, Hebrew University, 2000.

"Urban Patterns of Internet Consumption", Internet chat forum of the Future E-City Project, 2005.

## **CURRENT RESEARCH INTERESTS**

Geography of information, information society, Internet and mobile telephony, mobilities

## **LISTINGS**

*Marquis Who's Who in the World*, 9th - 26th eds., 1989-2009; 2018-2019.

*Marquis Who's Who in American Education*, 6<sup>th</sup> ed., 2004.

*Men of Achievement*, 14th - 17th ed. 1990-1996.

*International Leaders of Achievement*, 2nd ed. 1990.

*Dictionary of International Biography*, 21st ed. 1990; 25th ed. 1996; 27th ed. 1999.

*2000 Outstanding People of the 20<sup>th</sup>/21st Century*, 1998; 2<sup>nd</sup> ed., 2003.

*International Man of the Year*, 1996/97; 1997/98; 1998/99; 1999/2000; 2000/01; 2003.

*International Directory of Distinguished Leadership*, 11th ed., 2002.

*Who's Who in Israel and Jewish Personalities All over the World*, 23rd - 24th eds. 1999-2000/01.

*The Contemporary Who's Who*, 2003.

*2018 Albert Nelson Marquis Lifetime Achievement Award*

***LEADING PROJECTS AS VICE-PRESIDENT FOR ADMINISTRATION  
UNIVERSITY OF HAIFA, 1995-2004***

**Internet and computer services:** Full services for faculty, administration, and students, including remote course enrollment, application for admission, library services, videoconferencing, remote access, etc.

**ERP/SAP:** Purchase, dissemination, and maintenance of logistics and human resources modules. Preparations for student administration.

**ISO 9000/2000:** Preparation for certification, functioning supervision, and periodical external testing of 22 units. Preparation for university certification.

**Outlook/Exchange:** Full connectivity and computerized offices, including interconnections with SAP.

**Commercial services:** Development of shopping, eating and student service areas.

**Renovation and logistics:** Full air-conditioning and teaching equipment and facilities for all classrooms; large-scale renovation and traffic projects.

**Resource efficiency:** Policy of service improvements despite gradual cuts in human resources.

***LEADING PROJECTS AS COLLEGE DEVELOPMENT DIRECTOR AND  
PRESIDENT-DESIGNATE FOR THE ACADEMIC COLLEGE OF ISRAEL 2005-2007***

**College infrastructure:** Developing the academic infrastructure for the college, and the conversion process from an extension of American universities into an Israeli college.

**Study programs:** Directing the development of six study programs.

***LEADING PROJECTS AS PRESIDENT OF ZEFAT ACADEMIC COLLEGE, 2007-2024***

**Strategic planning:** Building a vision for the college and monitoring its realization.

**Academic development:** Opening of 15 academic departments plus several additional ones underway. The number of students more than doubled. Establishing five research centers. Hosting numerous domestic and international conferences.

**Administrative development:** Accreditation for ISO2000 standard and citation by the national quality competition.

**Fund raising:** Mobilization of numerous domestic and international supporting foundations, some of them in millions of Dollars.

**Physical development:** The purchase and development of a major real estate property (Beit

Busel).

**College atmosphere:** Developing and maintaining peaceful and meaningful relations among Jews and Arabs.