

**DANIEL FELSENSTEIN**  
Curriculum Vitae (November 2020)

**PERSONAL DETAILS**

**Date and Place of Birth:** 17th October 1957, London UK

**Marital Status:** Married + 5

**Year of Immigration:** 1982

**Citizenship:** Israeli and United Kingdom

**Permanent Mailing Addresses;**

Department of Geography,  
Hebrew University of Jerusalem, Mount Scopus, Jerusalem, Israel.

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**ACADEMIC EDUCATION**

**Ph.D.**, 1987-1992, Hebrew University Jerusalem, Geography.

Dissertation Title; *'Processes of Growth and Spatial Concentration in High Technology Industries in Israel; A Networks Approach'*. Supervisor; Professor Arie Shachar.

**M.A.**, 1982-1985, Hebrew University Jerusalem, Geography with specialization in Urban and Regional Studies (Distinction). Thesis Title; *'The Spatial Organization of High Technology Industries in Israel'*. Supervisor; Professor Arie Shachar.

**B.A.**, 1978-1981; University College, London University, Geography, 1st Class Honours.

**ACADEMIC POSITIONS**

**Academic Appointments at Hebrew University**

1982-1986	Teaching Assistant, Department of Geography, Hebrew University
1986-1989	Research Assistant, Department of Geography, Hebrew University
1989-1992	Instructor, Department of Geography, Hebrew University
1993-1995	Teaching Associate-Lecturer, Department of Geography, Hebrew University
1995-1997	Lecturer, Department of Geography, Hebrew University
1997-2002	Senior Lecturer with tenure, Department of Geography, Hebrew University
2002-2013	Associate Professor, Department of Geography, Hebrew University
2013	Full Professor, Department of Geography, Hebrew University

**Additional Functions at Hebrew University**

2002- 2005     Director, Institute of Urban and Regional Studies, Hebrew University

2006- 2010, 2012-13 Director, Institute of Urban and Regional Studies, Hebrew University  
 2007- Member, Academic Advisory Board, Floersheimer Research, Hebrew University  
 2008- Member, Academic Advisory Board, Fishman Center for Real Estate, School of Business Administration, Hebrew University  
 2009-2016 Academic Director, Center for Computational Geography, Department of Geography, Hebrew University  
 2009-2015 Chairman, Academic Committee, Eshkol Institute for Economic and Social Research, Hebrew University  
 2016-2020 Chair, Department of Geography, Hebrew University of Jerusalem  
 2021- Academic Director, MA program in Smart Cities and Urban Informatics

**Service in Other Academic and Research Institutions**

1985-1992 Researcher, Development Study Center, Rehovot  
 1986-1992 Researcher, Jerusalem Institute for Israel Studies  
 1992-1993 Visiting Post- Doc Scholar, Center for Urban Affairs and Policy Research, Northwestern University, IL, Host: Professor Burton Weisbrod  
 1999-2002 Senior Associate, Great Cities Institute, University of Illinois, Chicago  
 1-2/2006 Visiting Researcher, Department of Geography, London School of Economics  
 6-8/2006 Visiting Research Scholar, Great Cities Institute, University of Illinois, Chicago

**Other Activity**

2004-2013 Member, National Council of Surveyors and Land Appraisers, Ministry of Justice  
 2004-2013 Member, sub committee for Employee Placement and Internships, National Council of Surveyors and Land Appraisers, Ministry of Justice  
 2006-9 Member, Socio-Geographic Committee, National Program on Health Indicators, Ministry of Health  
 2007 Member, Appointment Committee- Government Surveyor, Ministry of Justice  
 2009 Member, Israel Science Foundation Review Committee (Geography)  
 2009-2012 Consultant, Center for Educational Technology  
 2010-2015 Chair, Steering Committee, National Schools Geography Evaluation, Ministry of Education  
 2010, 2018 Chair, Israel Science Foundation Review Committee (Geography)  
 2012-2017 Member, Sub-committee on R&D and Innovation in Peripheral Areas, National Council for Research and Development, Ministry of Science and Technology  
 2012-2016 Chair, National Committee for Geography (Vaadat Mikzoa), Ministry of Education  
 2012-2018 Member, Review Committee, Council for Higher Education: MA programs in Real Estate  
 2013-2017 Consultant to OECD programme on Local Employment and Economic Development (LEED)

**PROFESSIONAL AFFILIATIONS**

Regional Science Association, Israeli Section; Regional Science Association, British & Irish Section; Regional Studies Association, Great Britain, Israeli Geographical Association, Israeli Planners Association.

## **OTHER PROFESSIONAL ACTIVITIES**

- 1989-2002 Treasurer, Regional Science Association, Israeli Section  
1997-1999 Treasurer/Secretary, Israel Geographical Association  
2000-2010 Full Member, International Geographical Union Commission on 'Dynamics of Economic Spaces'  
2002-2012 Member, International Editorial Board, *Geografiska Annaler B*  
2004- Editorial Board Member, *Planning – the Journal of the Israeli Planners Association*  
2004-2010 Chairman, Israeli Regional Science Association  
2005-2010 Member, European Regional Science Association Council  
2008-2010 Member, International Evaluation Committee (Social Sciences), Netherlands Organization for Scientific Research (NWO)  
2019- Co-editor, *Spatial Economic Analysis* (Taylor and Francis)

## **REFEREE:**

**International Journals:** *Spatial Economic Analysis, Annals of Regional Science, Letters in Spatial and Resource Science, Applied Economics, Journal of the American Planning Association, Regional Studies, Urban Studies, Economic Geography, Journal of Regional Science, Papers in Regional Science, Regional Science and Urban Economics, Geographical Analysis, International Regional Science Review, Journal of Geographic Systems, Computers Environment and Urban Systems Journal of Economic Literature, Contemporary Economic Policy, Environment and Planning A, Environment and Planning B, Revue d'Economie Régionale et Urbaine (RERU), International Journal of Forecasting, Applied Spatial Analysis and Policy, Small Business Economics, Journal of Environmental Management, Tourism Economics, Journal of Urban Affairs, Tijdschrift voor Economische en Sociale Geografie (TESG), Economic Development Quarterly, Journal of Transportation and Land Use, Socio-Economic Planning Sciences, Economie Regionale et Urbaine, Italian Journal of Regional Science, Journal of Heritage Tourism, Cross-Cultural Research, Technovation, Regional Science Policy and Practice, Journal of Policy Research in Tourism, Leisure and Event Management, Landscape and Urban Planning, Journal of Choice Modeling, Population, Space and Place, Annals of Tourism Research, Proceedings of the Institute of Civil Engineers (ICE): Urban Design and Planning; Journal of the Urban and Regional Information Systems Association (URISA), Tourism Management, International Journal of Geo-Information, International Journal of Disaster Risk Reduction, Journal of Applied Geodesy, Natural Hazards, Habitat International, Housing Policy Debate, Journal of Property Research*

**Book Manuscript Reviews for:** Routledge Publishers, Wiley-Blackwell Publishers

**Grant Proposal Reviews for:** NWO Netherland Organization for Scientific Research Czech Academy of Science, Israel Science Foundation, Britain-Israel Research and Academic Partnership (BIRAX), Israel Ministry of Science and Technology, GIF (German-Israel Fund), Israel Ministry of Agriculture, Fulbright Foundation.

## **RESEARCH GRANTS AND AWARDS (Since 2000)**

1999-2001 Upjohn Institute for Employment Research, 'Does "Trickle-Down" Work? Economic Development Strategies and Job Chains in Local Labor Markets' (with Joseph Persky and Virginia Carlson) (\$45,000).

2001-2002 Inter-Disciplinary Research Fund, R&D Authority, 'The Regional and Ethnic Structure of Income Inequality in Israel' (with Michael Beenstock) (\$14,000).

2002-2003 Y.S. Gat – Kiryat Gat development Corporation, Estimating the Impact of the New Industrial Park on Kiryat Gat (with Arie Shachar and Eran Razin) (\$50,000)

2002-2004 German Israel Foundation (GIF), 'Planning the Contested City: Policy Analysis and Implications of Reunification in Jerusalem and Berlin' (with Arie Shachar) (EURO 208,000).

2003-2005 European Union 5<sup>th</sup> Framework, 'Spatial Deconcentration of Employment and Quality of Life in European metropolitan Areas' (SELMA), Key Action 4, City of Tomorrow and Cultural Heritage, Programme on Energy, Environment and Sustainable Development (With Arie Shachar and Eran Razin) 300,000 EU (out of a total project budget of 1.58m EU)

2007-2008 Ministry of Welfare, 'Community Economic Development and Social Entrepreneurship' (25,000SH)

2007-2010 Israel Science Foundation, 'The Spatial Pattern of Economic and Demographic Activity in Israel: Testing Alternative Models of Agglomeration' (with Michael Beenstock) (210,000SH)

2008-2010 Ministry of the Interior, 'An Evaluation of District Plans in Israel' (with E. Feitelson, O. Naim, E. Razin and E. Stern) (200,000SH)

2010-2013 European Union, 7<sup>th</sup> Framework, Program on Global Change, Human Mobility and Sustainable Urban Development; SECOA-Solutions for Environmental Contrasts in Coastal Areas (with Eran Razin and Itai Fishendler); 840,000 EU (out of total project budget of 6.8m EU) .

2011-2014 European Union, 7<sup>th</sup> Framework, Security Program, DESURBS- Designing Safer Urban Spaces; (with Noam Shoval); 400,000 EU (out of total project budget of 3.2m EU).

2011-2014 European Union, 7<sup>th</sup> Framework, Program on Strengthening the European Neighborhood Policy, SEARCH - Sharing Knowledge Assets Across Inter-Regionally Cohesive Neighbors (with Michael Beenstock and Guy Harpaz); 126,000 EU (out of total project budget of 2.6m EU).

2012-2014, The Maurice Falk Institute for Economic Research in Israel, 'Valuing Accessibility: The Case of the Trans-Israel Highway', (with Michael Beenstock) 65,000 SH.

2014-2016, Valuing ecosystem services in environmental management: a spatially accurate method for evaluating distributional effects, Ring Fund for Environmental Research (with Aliza Fleischer) (\$30,000)

2015-2016, The Development of an Integrated GIS-Based System for Real Estate Market Analysis, MAPI-Israel Land Survey,(with Michal Lichter) 186,000SH

2015-2016, Estimating the Effect of Land Supply and Planning Regulation on Inter-Regional Income Gaps, Keren Kayemet, JNF (with Ziv Rubin), 45,000SH

2015- 2017, Estimating the Long Run Effects of New Highways on Real Estate Markets, Alrov Institute for Real Estate Research (with Michael Beenstock) 30,000SH

2016-2017, The Development of an Integrated GIS-Based System for Municipal Emergency Resilience Analysis, Mifal Hapayis, 80,000SH

2016-2018, Increasing Urban Resilience to Large Scale Disasters: The Development of a Dynamic Integrated Model for Disaster Management and Socio-Economic Analysis (DIM2SEA), Ministry of Science, Technology and Space, (MOST), 800,000SH

2018-2020, An Algorithm for Identifying the Components of Demand in Local Housing Markets, MAPI- Israel Land Survey (with Yair Grinberger) 200,000SH

2018-2020, Developing a multidimensional methodological tool for evaluating and improving levels of preparation for earthquakes in the small business sector in Israel (with Joshua Schmidt), Ministry of Science, Technology and Space, (MOST) 270,000SH

2019-2020, The Effect of Visibility on Housing Prices: Estimating A Spatial Hedonic Model for Haifa, Alrov Institute for Real Estate Research, 30,000SH

2020-2021, Agent-Based Simulation of the Spatial Contagion of the Coronavirus in Israeli Cities, Ministry of Science, Technology and Space (with Yair Grinberger), 40,000 SH.

2020-2021, Spatio-temporal Epidemiological Modeling of Covid19 Transmission in Israel, Rothschild Foundation, (with Michael Beenstock, David Genesove and Niki Kotsenko), 100,000SH

## **SUPERVISION OF ADVANCED STUDENTS (Since 2005)**

### **MA:**

1. Shlomi Hazam: *The Effect of Terror on Behavior in the Jerusalem Housing Market*, Summa Cum Lauda, completed 2005.
2. Eyal Ashbel: *The Impact of Shopping Center Development on Land Use in Metropolitan Tel Aviv; An Analysis using UrbanSim*, Magna Cum Lauda, completed 2006
3. Ron Horne: *The Determining Factors of Residential Property Tax in Israel: A Spatial Analysis*. Summa Cum Lauda, completed 2007
4. Ran Kopel: *Spatial Behavior in Competitive Markets: The Case of the Reorganization of the Tnuva Milk Conglomerate*, Magna Cum Lauda, completed 2009
5. Chen Greenberg: *The Distribution of Breast Cancer in Israeli Cities and the Allocation of Resources for its' Detection: A Spatial Epidemiological Analysis*, Magna Cum Lauda, completed 2010
6. Tsvi Vinoker; *Simulating the Land Use Effects of the Proposed Tel Aviv Commuter Railway*, completed 2010.
7. Hanan Barkai: *Supply and Demand for Cultural Activity in Metropolitan Tel Aviv*, completed 2011
8. Hamutal Aboudi: *Comparing the Distribution of Hospital Services with Population Distribution*, completed 2012
9. Oz Katz: *The Effect of Government Regional Incentives on Peripheral Areas* (completed 2013)
10. Alon Sagi: *Incorporating Architectural Design in Hedonic House Price Models* (completed 2015)
11. Sagi Ganot: *Land Allocation for Residential Uses under State Control and Restricted Supply: Lessons from Israel, Singapore and Hong Kong* (completed 2018)
12. Guy Keren: *Transportation Implications of Large Scale Disasters* (completed 2018)
13. Shira Zylbertal ; *Automated Identification of Local Housing Markets* (completed 2020)
14. Lavi Miednik : *The effect of Airbnb on Rental Housing Prices in Tel Aviv* (completed 2020)
15. Bar Emanuel: *Agent-Based Estimation of the Effects of an Earthquake on the Business Sector in the Beer Sheva Metropolitan Area*. (in progress).

### **PhD:**

1. Yaron Ergas: *The Contribution of Public Investment in Tourism to Regional Development*, (completed 2009).
2. Eyal Ashbel: *Identification, Measurement and Simulation of Sub-center Development in Polycentric Cities* (completed 2014)
3. Ziv Rubin: *The Effect of Building Land Supply on Local House Prices in Israel* (completed 2017)
4. Dai Xieer: *New Perspectives in Economic Geography* (to be completed 2020)
5. Guy Keren: *Spatial Dependence and Machine Learning* (in progress)

## **UNIVERSITY AND DEPARTMENTAL COMMITTEES**

Teaching Committee - Department of Geography, 2000, 2001.2010-

Teaching Committee - Faculty of Social Sciences, 1999-2001

Stipends and Awards Committee - Faculty of Social Sciences, 1997, 1998.

Stipends and Awards Committee, Department of Geography, 2010-

University Inter-Faculty GIS Committee, 1996, 1997

Faculty Committee for the Establishment of Graduate Degree in Development Studies, 2009-2010

Steering Committee: 'Glocal- Community Development Studies' Degree Program, 2010

Departmental Committee for Geoinformatics, Chair 2009-2016

## **TEACHING (Last 5 years)**

1. Economic Integration and the Changing Map of Europe, BA seminar
2. High Tech and Urban Growth Processes, BA
3. Applied Tools for Urban and Regional Analysis, MA
4. Research Methodology in Geography, MA
5. Doing Spatial-Empirical Research, MA
6. Urban Analysis – GIS Applications BA /MA
7. Urban and Regional Growth; From Theory to Practice- BA
8. Research Skills in Urban Geography-BA
9. Introduction to Spatial Models- BA
10. New Issues in Urban and Regional Research- MA
11. Urban and Regional Studies Institute Seminar-MA
12. Geography Department Seminar-MA

## SCIENTIFIC PUBLICATIONS

**Ph.D Dissertation;** Processes of Growth and Spatial Concentration in High Technology Industries in Israel: A Networks Approach, 1992; Supervisor, Prof. Arie Shachar.

### BOOKS (Authored and Edited)

1. Felsenstein D. and Taylor M. (2001) (eds), Promoting Local Growth: Process, Practice and Policy, Ashgate, Aldershot, UK (392 pp).
2. Felsenstein D., McQuaid R., McCann P. and Shefer D. (2001) (eds), Public Investment and Regional Economic Development, Edward Elgar, Cheltenham, UK (271 pp).
3. Felsenstein D., Schamp E. and Shachar A. (2002) (eds), Emerging Nodes in the Global Economy: Frankfurt and Tel Aviv Compared, Kluwer Academic Publishers, Dordrecht, The Netherlands (278pp).
4. Persky J., Felsenstein D. and Carlson V (2004) Does 'Trickle-Down' Work? Economic Development Strategies and Job Chains in Local Labor Markets, Upjohn Institute of Employment Research, Kalamazoo, MI (177pp).
5. Felsenstein D. and Portnov B. (2005) (eds) Regional Disparities in Small Countries, Springer, Heidelberg (330pp).
6. Beenstock M. and Felsenstein D. (2019) Spatial Econometric Analysis of Non-Stationary Panel Data, Springer, Heidelberg.

### Editorship of Journal Special Issues

7. *Annals of Regional Science*, Special Issue on Linking Supply and Demand in Local Labor Markets, edited by Daniel Felsenstein and Ron McQuaid, 40(2), 2006.
8. *Tichnun- Journal of the Israeli Planning Association*, Special Issue on Computer Models in Israeli Planning, edited by Daniel Felsenstein 3(1), 2006 (Hebrew)
9. *Journal of Transportation and Land Use*, Special issue on Land Use-Transportation Modeling with UrbanSim: Experiences and Progress, edited by Daniel Felsenstein, Kay Axhausen and Paul Waddell, 3(2), 2010.
10. *Ocean and Coastal Management* , Special Issue on Simulating Land Use Change in Coastal Areas, edited by Daniel Felsenstein and Michal Lichter, 101, 2014.
11. *Tichnun- Journal of the Israeli Planning Association*, Special Issue on Big Data in Urban Planning, edited by Daniel Felsenstein 12(2), 2015 (Hebrew).
12. *International Journal of Disaster Risk Reduction*, Special Issue on Modeling Urban Resilience to Disasters, edited by Daniel Felsenstein and Erick Mas, 31, 2018.



13. *International Journal of Disaster Risk Reduction*, Special Issue on Cascading Effects in Disaster Risk Science: Multi-Disciplinary Perspectives, edited by Daniel Felsenstein, Deborah Shmueli and Deborah Thomas 51, 2020.

## REFEREED PAPERS

14. Felsenstein D. and Shachar A. (1988) Locational and Organizational Determinants of R&D Employment in High Technology Firms, Regional Studies, 22 (6), pp 477-486.
15. Felsenstein D. and Bar-El R. (1988) The Technological Intensity of Industrial Sectors in Israel, The Economic Quarterly, 137, pp 159-167, (Hebrew).
16. Felsenstein D. (1988) Spawning the Growth Process in a Non-Central Location; the Case of High Technology Industry in Jerusalem, Tidschrift voor Economische en Sociale Geografie, 79 (5) pp 365-375.
17. Bar-El R. and Felsenstein D. (1989) Technological Profile and Industrial Structure; Implications for the Development of Sophisticated Industry in Peripheral Areas, Regional Studies, 23 (3) pp 253-306.
18. Felsenstein D. and Bar-El R. (1989) Measuring the Technological Intensity of the Industrial Branch; A Methodological and Empirical Approach, Research Policy, 18, pp 239-252.
19. Felsenstein D. (1989) Generating the Growth Process; The Case of the Development of High Technology Industry in Jerusalem, City and Region, 19-20, pp 105-119 (Hebrew).
20. Bar-El R. and Felsenstein D. (1990) Technological Change and New Patterns of Industrial Location, Horizons in Geography, 28-29, pp 87-98 (Hebrew).
21. Bar-El R. and Felsenstein D. (1990) Entrepreneurship and Rural Industrialization; Comparing Patterns of Rural and Urban Locational Choice in Israel, World Development, 18 (2), pp 257-267.
22. Felsenstein D. (1990) The Spatial Linkage Patterns of Israeli Firms; Implications for Regionally-Based Industrial Development, The Economic Quarterly, No 144, pp 51-64, (Hebrew).
23. Felsenstein D. (1991) The Science Park as an Urban Growth Factor in Israel, Horizons in Geography, 33-34, pp 73-86, (Hebrew).
24. Shachar A. and Felsenstein D. (1992) High Technology and Urban Economic Development, Urban Studies, 29 (6), pp 839-855.

25. Felsenstein D. (1992) The Role of Production, Market and Employment Linkages in Regionally-Based Industrial Development, Tidschrift voor Economische en Sociale Geografie, 83 (2), pp 105-119.
26. Felsenstein D. (1992) Assessing the Employment Effectiveness of Small Business Financing Schemes; Some Evidence from Israel, Small Business Economics, 4, pp 273-285.
27. Felsenstein D. and Schwartz D. (1993) Constraints to Small Business Development Across the Life Cycle; Some Evidence from Peripheral Areas in Israel, Entrepreneurship and Regional Development, 5, pp 227-245.
28. D. (1994) Are Subsidies Worth It? How to Calculate the Costs and Benefits of Business Incentives, Economic Development Commentary, 18 (3), pp 17-23. Also reprinted in Government Finance Review, (1995) 11 (5), 23-27.
29. Felsenstein D. (1994) Commuting and the Extension of Spatial Labour Markets by Large High Technology Firms, Horizons in Geography, 40-41, pp 17-42, (Hebrew)
30. Felsenstein D. (1994) University-Related Science Parks - 'Seedbeds' or 'Enclaves' of Innovation?, Technovation, 14 (2), pp 93-110. Reprinted in Westhead P. and Wright M (eds.) (2000) Advances in Entrepreneurship, Edward Elgar, UK.
31. Felsenstein D. (1994) Large High Technology Firms and the Spatial Extension of Metropolitan Labor Markets; Some Evidence from Israel, Urban Studies, 31 (6), pp 867-883.
32. Felsenstein D. (1995) Dealing with 'Induced Migration ' in University Impact Studies, Research in Higher Education, 36 (4), pp 457-472.
33. Felsenstein D. and Schwartz D. (1996) Factors Affecting the Development and Growth of Small Firms; Findings from Peripheral Areas in Israel, Horizons in Geography, 45/46, 27-42
34. Felsenstein D. (1996) The University in the Metropolitan Arena - Impacts and Public Policy Implications, Urban Studies 33 (9), 1565-1580.
35. Felsenstein D. (1996) High Technology Firms and Locational Choice in Israel, A Look at the Determinants, Geografiska Annaler, 78 B(1), 43-55.
36. Persky J., Wiewel W. and Felsenstein D. (1997) A Mid-Level Methodology for Evaluating Economic Development Projects, International Journal of Public Administration, 20 (8/9), 1489-1511, Reprinted in Rabin J, Munzenrider R. and Bartell S. (eds) 2003) Principles and Practices of Public Administration, Marcell Dekker, NY.
37. Felsenstein D. (1997) The Making of a High Technology Node; Foreign-Owned Companies in Israeli Industry, Regional Studies, 31 (4), 367-380.

38. Felsenstein D. (1998) Indices for Distance Measurement in *Halacha*, Studies in Israeli Geography, 15, 214-228, (Hebrew).
39. Felsenstein D., Persky J. and Wiewel W. (1997) Integrating Hard-To-Measure Externalities into the Analysis of Economic Development Programs, Town Planning Review, 68 (1), 55-80.
40. Felsenstein D., Fleischer A. and Sidi A. (1998) Market Failure and the Estimation of Subsidy Size in a Regional Entrepreneurship Program, Entrepreneurship and Regional Development, 10 (2), 151-165.
41. Przybylski M., Felsenstein D., Freeman D. and Littlepage L. (1998) Does Gambling Complement the Tourist Industry? Some Empirical Evidence of Import Substitution and Demand Displacement, Tourism Economics, 4 (3), 213-232
42. Felsenstein D. and Freeman D. (1998) Simulating the Impacts of Gambling in a Tourist Location; Some Evidence from Israel, Journal of Travel Research, 37 (2) 145-155
43. Felsenstein D. and Persky J. (1999) When is a Cost Really a Benefit? Local Welfare Effects and Employment Creation in the Evaluation of Economic Development Programs, Economic Development Quarterly 13, (1), 46-54
44. Felsenstein D., Fleischer A. and Sidi A. (1999) Measuring the Employment Impacts of a Regional Small Business Assistance Program, Public Administration Quarterly, 23 (3), 313-340.
45. Felsenstein D., Littlepage L. and Klacik D. (1999), Casino Gambling as Local Growth Generation: Playing the Economic Development Game in Reverse?, Journal of Urban Affairs, 21 (4) 409-422
46. Fleischer A. and Felsenstein D. (2000) Support for Small-Scale Rural Tourism: Does it Make a Difference?, Annals of Tourism Research 27 (4), 1007-1024
47. Felsenstein D. and Fleischer A. (2000) Capital Assistance for Small Firms: Some Implications for Regional Economic Welfare, Geographical Analysis, 32 (1), 36-49
48. Felsenstein D. and Freeman D. (2001) Estimating the Impacts of Cross-Border Competition: The Case of Gambling in Israel and Egypt, Tourism Management, 22 (5), 511-521
49. Fleischer A. and Felsenstein D. (2002) Cost-Benefit Analysis Using Economic Surpluses: A Case Study of a Televised Event, Journal of Cultural Economics, 26, 139-156.
50. Felsenstein D. and Fleischer A. (2002) Small-Scale Entrepreneurship and Access to Capital in Peripheral Locations: An Empirical Analysis, Growth and Change, 33(2) 196-215
51. Felsenstein D.(2002) Do High Technology Agglomerations Encourage Urban Sprawl?, Annals of Regional Science, 36 (4),663-682

52. Felsenstein D. and Fleischer A. (2003) Local Festivals and Tourism Promotion: The Role of Public Assistance and Visitor Expenditure, Journal of Travel Research, 41 (4) 385-392
53. Fleischer A. and Felsenstein D. (2004) Face-to-Face or Cyberspace? Choosing the Internet as an Intermediary in the Travel Market, Tourism Economics, 10 (3) 345-359.
54. Felsenstein D. and Portnov B. (2005) Understanding Regional Inequalities in Small Countries, Regional Studies, 39 (5) 647-658.
55. Ashbel E., Felsenstein D. and Ben Nun A. (2006) Predicting the Impacts of Development Plans: Application of the UrbanSim Model to the Tel Aviv Metropolis, Tichnun 3(1), 142-162 (Hebrew).
56. Felsenstein D. and Freeman D. (2006) Examining the Economic Effects of Development Projects: The Use of a Multi-Regional Input-Output (MRIO) Model for Planning Purposes, Tichnun, 3(1), 178-198 (Hebrew).
57. Persky J. and Felsenstein D. (2006) Restricting Access in a Job Chains Model of Local Employment Creation, Annals of Regional Science, 40 (2), 423-435. 1.026. 34/73; Geography).
58. Beenstock M. and Felsenstein D. (2007) Spatial Vector Autoregressions, Spatial Economic Analysis, 2 (2), 167-196.
59. Hazam S. and Felsenstein D. (2007) Terror, Fear and Behavior in the Jerusalem Housing Market, Urban Studies, 44 (13), 2529-2546. Republished in Urban Studies, Virtual Special Issue on Spatial Housing Economics, 2016.
60. Felsenstein D. and Persky J. (2007) Evaluating Local Job Creation: A 'Job Chains' Perspective, Journal of the American Planning Association 73 (1), 23-34.
61. Beenstock M. and Felsenstein D. (2007) Mobility and Mean Regression in the Dynamics of Regional Inequality, International Regional Science Review 30 (4), 335-361.
62. Persky J. and Felsenstein D. (2008) Job Chains and Wage Curves: Worker Mobility and Marshallian Surpluses in Evaluating Regional Employment Growth, Journal of Regional Science, 48 (5), 921-940.
63. Persky J. and Felsenstein D (2008) Multipliers, Mark-Ups and Mobility Rents: In Defense of 'Chain Models' in Urban and Regional Analysis, Environment and Planning A (40), 2930-2948.
64. Freeman D. and Felsenstein D (2008) Forecasting Regional Investment in the Hotel Industry: An Input-Output Approach, Journal of Regional Analysis and Policy, 37 (3), 243-256.
65. Beenstock M. and Felsenstein D. (2008) Regional Heterogeneity, Conditional Convergence and Regional Inequality, Regional Studies, 42(4), 475-488.

66. Beenstock M. and Felsenstein D. (2010) Marshallian Theory of Regional Agglomeration, Papers in Regional Science, 89 (1) 155-172.
67. Felsenstein D and Ashbel E (2010) Simultaneous Modeling of Developer Behavior and Land Prices in UrbanSim, Journal of Transportation and Land Use, 3 (2), 107-127.
68. Beenstock M. and Felsenstein D. (2010) Spatial Error Correction and Cointegration in Non Stationary Panel Data: Regional House Prices in Israel, Journal of Geographical Systems, 12, 189-206.
69. Portnov B.A. and Felsenstein D. (2010) On the Suitability of Income Inequality Measures for Regional Analysis: Some Evidence from Simulation Analysis and Bootstrapping Tests, Socio-Economic Planning Sciences, 44, 212-219.
70. Horne R. and Felsenstein D. (2010) Is Property Assessment Really Essential for Taxation? Evaluating the Performance of an 'Alternative Assessment' Method, Land Use Policy, 27, 1181-1189
71. Beenstock M, Felsenstein D and Benzeev N (2011), Capital Deepening and Regional Inequality: An Empirical Analysis, Annals of Regional Science 47, 599-617
72. Felsenstein D and Persky J. (2011) Gender and Job Chains in Local Economic Development, Economic Development Quarterly 25(2), 172-181.
73. Alexiadis S and Felsenstein D (2012) The Flexible Accelerator Model and the 'Regionalization' of Capital Stock Estimates, Regional Science Inquiry 4 (1), 39-45.
74. Beenstock M and Felsenstein D (2012), Nonparametric Estimation of the Spatial Connectivity Matrix using Spatial Panel Data, Geographical Analysis 44(4), 386-397.
75. Beenstock M, Feldman D and Felsenstein D (2012), Testing for Units Roots and Cointegration in Spatial Cross Section Data, Spatial Economic Analysis 7(2), 203-222.
76. Ergas Y and Felsenstein D (2012) Airport Relocation and Expansion and the Estimation of Derived Tourist Demand; The Case of Eilat, Israel, Journal of Air Transport Management, 24, 54-61.
77. Lichter M and Felsenstein D (2012) Assessing the Costs of Sea Level Rise and Extreme Flooding at the Local Level; A GIS-Based Approach, Ocean and Coastal Management, 59, 47-62
78. Felsenstein D and Lichter M (2014) Social and Economic Vulnerability of Coastal Communities to Sea Level Rise and Extreme Flooding, Natural Hazards, 71 , 463-491.
79. Grinberger A.Y. and Felsenstein D. (2014) Bouncing Back or Bouncing Forward? Simulating Urban Resilience, Urban Design and Planning, 167, 115-124.

80. Felsenstein D, Lichter M. and Ashbel E. (2014) Coastal Congestion: Simulating Port Expansion and Land Use Change under Zero-Sum Conditions, Ocean and Coastal Management, 101, 89-101
81. Felsenstein, D. and Lichter, M (2014), Land Use Change and the Management of Coastal Areas: Prospect and Retrospect, Ocean and Coastal Management. 101, 123-125
82. Lichter, M and, Felsenstein, D (2014) Coastal Communities under Threat: Comparing Property and Social Exposure. Geography Research Forum, 34, 40-58.
83. Beenstock M., Felsenstein D and Reingewertz Y. (2015) Tide Gauge Location and the Measurement of Global Sea Level Rise, Environmental and Ecological Statistics. 22, 179-206.
84. Beenstock M. and Felsenstein D. (2015) Spatial Spillover in Housing Construction, Journal of Housing Economics. 28, 42-58
85. Beenstock M., Felsenstein D and Rubin Z. (2015) Visa waivers, multilateral resistance and international tourism: some evidence from Israel, Letters in Spatial and Resource Sciences.,8 (3), 357-371.
86. Beenstock M., Felsenstein D and Rubin Z. (2015) Immigration to the European Union from its Neighborhoods: Testing Welfare-Chasing and Related Hypotheses by Spatial Gravity, International Journal of Manpower, 36 (4), 491-517.
87. Felsenstein D. (2015) Factors Affecting Regional Productivity and Innovation in Israel: Some Empirical Evidence, Regional Studies, 49 (9), 1457-1469.
88. Lichter M, Grinberger, A. Y., and Felsenstein, D. (2015). Simulating and Communicating Outcomes in Disaster Management Situations, International Journal of Geographic Information, 4, 1827-1847.
89. Beenstock M., Feldman D and Felsenstein D (2016) Hedonic Pricing when Housing is Endogenous: The Value of Access to the Trans-Israel Highway, Journal of Regional Science, 56 (1), 134-155.
90. Grinberger Y. and Felsenstein D. (2016) Dynamic Agent-Based Simulation of Welfare Effects of Urban Disasters, Computers, Environment and Urban Systems, 59, 129-141.
91. Feitelson E., Felsenstein D. Razin E. and Stern E (2017) Assessing Land Use Plan Implementation: Bridging the Performance-Conformance Divide, Land Use Policy, 61, 251-264
92. Rubin Z and Felsenstein D. (2017) Supply-Side Constraints in the Israeli Housing Market: The Impact of State-Owned Land, Land Use Policy, 65, 266-276.

93. Beenstock M., Felsenstein D and Rubin Z. (2017) Does Foreign Direct Investment Polarize Regional Earnings? Some Evidence from Israel, Letters in Spatial and Resource Sciences,10 (3), 385-409.
94. Beenstock M., Felsenstein D and Xieer D (2018) Spatial Econometric Analysis of Spatial General Equilibrium. Spatial Economic Analysis, 13(3), 356-378.
95. Felsenstein D., Vernick M. and Israeli Y. (2018) Household Insurance Expenditure as an Indicator of Urban Resilience, International Journal of Disaster Risk Reduction 31, 102-111.
96. Fleischer A., Felsenstein D and Lichter M (2018) A Spatially Accurate Method for Evaluating Distributional Effects of Ecosystem Services, Ecological Economics, 145, 451-460.
97. Mas E., Felsenstein D., Moya L.,Grinberger A.Y., Das R. and Koshimura S (2018) Dynamic Integrated Model for Disaster Management and Socio-Economic Analysis (DIM2SEA), Journal of Disaster Research 13(7), 1257-1271.
98. Rubin, Z and Felsenstein D. (2019) Is Planning Delay Really a Constraint in the Provision of Housing? Some Evidence from Israel. Papers in Regional Science 98 (5), 2179-2200.
99. Beenstock M., Feldman D and Felsenstein D (2020) Identifying Local Housing Markets through Revealed Preference, Journal of Property Research, 37 (2), 118-146.
100. Beenstock M., Felsenstein D and Xieer D (2020) Long-Term Housing Affordability in Spatial General Equilibrium. Housing Studies.
101. Felsenstein D., and Grinberger A.Y (2020) Cascading Effects of a Disaster on the Labor Market over the Medium to Long Term, International Journal of Disaster Risk Reduction 47.
102. Beenstock M and Felsenstein D (2020) A Solution for Absent Spatial Data: the Common Correlated Effects Estimator, International Regional Science Review.
103. Felsenstein D, Elbaum E, Levi T and Calvo R (2020) Post-Processing HAZUS Earthquake Damage and Loss Assessments for Individual Buildings, Natural Hazards.
104. Felsenstein D, Shmueli D.F. and Thomas D.S.K. (2020) Cascades - Mapping the multi-disciplinary landscape in a post-pandemic world International Journal of Disaster Risk Reduction 51.

## BOOK CHAPTERS

105. Felsenstein D. and Shachar A. (1986) The Creation of Israel's Settlement Map 1948 - 1951, pp 87-96 in Immigrants and Transit Camps, Naor M (ed), Yad Ben Zvi, Jerusalem (Hebrew).
106. Bar-El R. and Felsenstein D. (1988) The Role of Entrepreneurship in Rural Industrialization; Differing Locational Patterns in Rural and Urban Settings, pp 167-180 in Bar-El R. and Schwartz D. (eds), Issues in Regional Development, Israel Regional Science Association and the Settlement Study Center, Rehovot (Hebrew).
107. Felsenstein D. and Bar-El R. (1990) Technological and Locational Factors in Rural Industrialization; A Comparative Investigation, pp 235-259 in Ciciotti E., Alderman N. and Thwaites A. (eds) Technological Development in a Spatial Context: Theory, Empirical Evidence and Policy, Springer Verlag, Heidelberg.
108. Felsenstein D. (1991) The New Geography of High Technology Industries in Israel, pp 65-84 in Surkis H., Rap E. and Shachar T. (eds) Changes in the Geography of Israel: Center versus Periphery, Ministry of Education and Culture, Jerusalem (Hebrew).
109. Felsenstein D. (1996) High Technology Location and Metropolitan growth, pp 217-226 in Gradus Y and Lipshitz G (eds) The Mosaic of Israeli Geography, Ben Gurion University Press of the Negev, Beer Sheva.
110. Persky J., Felsenstein D. and Wiewel W. (1997) How Do We Know that 'But-For the Incentives' the Development Would Not Have Occurred? pp 28-46 in Bingham R.D. and Mier R. (eds), Significant Issues in Urban Economic Development, Sage, Newbury Park, CA.
111. Felsenstein D. (1998) Time-Distance Substitution in *Halacha*, pp. 67-86 in Brodsky H and Mitchell R.(ed) Visions of Land and Community; Geography in Jewish Studies, University of Maryland Press.
112. Felsenstein D. (1997) Economic Development and the Community Organization, pp. 605-623 in Shmidt H. (ed) Comunity Organizations: Trends and Change, HaHevra LaMatnasim and Yediot Ahronot, Tel Aviv (Hebrew).
113. Felsenstein D. (1999) Expenditure and Knowledge-Based Regional Impacts Associated with a University; Some Empirical Evidence, pp. 73-94 in Rietveld P. and Shefer D. (eds) Regional Development in an Age of Structural Economic Change, Ashgate, Aldershot UK.
114. Freeman D., Felsenstein D., and Fleischer A.(2000) The Economic Impacts of a Regional College: The Case of Maale Efraim, pp. 307-325 in Eshel Y. (ed.) Studies of Judea and Samaria (Vol. 9), Research Authority, College of Judea and Samaria, Ariel, Israel (Hebrew).



115. Felsenstein D. and Freeman D. (2001) Gambling on the Border: Casinos, Tourism Development and the Prisoner's Dilemma, pp.95-113 in Krakover S. and Gradus Y. (eds.) Tourism in Frontier Areas, Lexington. KY).
116. Persky J. and Felsenstein D. (2001) A 'Job Chains' Model for Assessing Employment Creation in Local Labor Markets, pp.173-190 in Felsenstein D., McQuaid R., McCann P. and Shefer D. (2001) (eds), Public Investment and Regional Economic Development, Edward Elgar, Cheltenham, UK (see no.2).
117. Felsenstein D. (2001) Analyzing Local Growth: Moving Beyond Income and Employment Counts, pp. 29-42 in Felsenstein D. and Taylor M. (2001) (eds), Promoting Local Growth: Process, Practise and Policy, Ashgate, Aldershot, UK (see no.1)
118. Felsenstein D. (2001) National and Regional Economic Impacts of the Silicon Valley, in Bidgoli H. (ed.) Encyclopedia of Information Systems, Academic Press, San Diego CA.
119. Felsenstein D. (2002) High Technology Employment Concentration and Urban Sprawl in the Chicago Metropolitan Area, pp 207-227 in Wiewel W. and Persky J. (eds) Sprawl in Chicago: Public Policy and Private Decisions, ME Sharpe Inc, Armonck, NY.
120. Felsenstein D. and Ergas Y. (2002) Tel Aviv as a Global High Tech 'Hot Spot': Does Location Really Matter?, pp.109-130 in Felsenstein D., Schamp E. and Shachar A. (2002) (eds), Emerging Nodes in the Global Economy: Frankfurt and Tel Aviv Compared, Kluwer Academic Publishers, Dordrecht, The Netherlands.
121. Felsenstein D. and Ergas Y. (2002) Investing in an Emerging Node: Foreign-Owned Companies in the Tel Aviv Economy, pp 57-80 in Felsenstein D., Schamp E. and Shachar A. (2002) (eds), Emerging Nodes in the Global Economy: Frankfurt and Tel Aviv Compared, Kluwer Academic Publishers, Dordrecht, The Netherlands.
122. Felsenstein D. and Barkai H. (2002) Globalization Trends in the Cultural Insustries of tel Aviv, pp.237-256 in Felsenstein D., Schamp E. and Shachar A. (2002) (eds), Emerging Nodes in the Global Economy: Frankfurt and Tel Aviv Compared, Kluwer Academic Publishers, Dordrecht, The Netherlands.
123. Shachar A and Felsenstein D. (2002) Globalization Processes and their Impact on the Structure of the Tel Aviv Metropolitan Area, pp 35-56 in Felsenstein D., Schamp E. and Shachar A. (2002) (eds), Emerging Nodes in the Global Economy: Frankfurt and Tel Aviv Compared, Kluwer Academic Publishers, Dordrecht, The Netherlands.
124. Fleischer A. and Felsenstein D. (2004) Short-Run Output and Employment Effects Arising from Assistance to Tourism SME's: Evidence from Israel, pp 71-81 in Thomas R (ed), Small Firms in Tourism: International Perspectives, Elsevier, Holland.
125. Persky J. and Felsenstein D. (2004) Evaluating the Welfare Outcomes of Local Economic Development: A Job Chains Approach, pp.130-144 in Reese L. and Fasenfes D. (eds) Critical Perspectives in Local Economic Development, Wayne State University Press, Detroit MI.

126. Portnov B. and Felsenstein D. (2005) Measures of Regional Inequality for Small Countries, pp. 47-62 in Felsenstein D. and Portnov B. (eds) Regional Disparities in Small Countries, Springer, Heidelberg.
127. Felsenstein. D. and Portnov B. (2005) The Liability of Smallness; Can We Expect Less Regional Disparities in Small Countries?, pp.15-24 in Felsenstein D. and Portnov B (eds) Regional Disparities in Small Countries, Springer, Heidelberg.
128. Felsenstein D. (2005) Entries on 'Export Base Theory', 'Economies of Scale', 'Tiebout Hypothesis', 'Science Parks', 'Technopoles' in Caves R.W (ed), Encyclopedia of the City, Routledge, London, UK.
129. Felsenstein D. (2005) Translating Employment Concentration into Land Consumption: Some Results from the Chicago Metropolitan Area, pp.79-96 in Atzema O., Rietveld P. and Shefer D. (eds), Regions, Land Consumption and Sustainable Growth: Assessing the Impact of the Public and Private Sectors, Edward Elgar, Cheltenham UK.
130. Felsenstein D., Ashbel E. and Ben-Nun A. (2007) Microsimulation of Metropolitan Employment Deconcentration: Application of the UrbanSim Model in the Tel Aviv Region, pp.199-218 in Koomen E., Bakema A., Stillwell J and Schloten H. (eds) Simulating Land Use Change, Springer, Berlin.
131. Felsenstein D (2011) Human Capital and Labor Mobility in Regional Innovation and Growth pp 119-131 in Cooke P, Asheim B, Martin R, Todtling F, Boschma R and Schwartz D (eds) Handbook on Regional Innovation and Growth, Edward Elgar.
132. Felsenstein D and Hazam S. (2012) Intra-Urban Mobility and Changing Density Functions in Tel Aviv, 1995-2006 pp29-44 in Frenkel A, McCann P and Nijkamp P (eds) Societies in Motion: Regional Development, Industrial Innovation and Spatial Mobility, Edward Elgar
133. Felsenstein D., Lichter M, Ashbel E and Grinberger Y (2014) Land Use Land Cover Dynamics at the Metropolitan Fringe pp, 143-166 in Czamanski D., Benenson I and Malkinson D (eds) Modeling of Land Use and Ecological Dynamics, Springer.
134. Grinberger, A. Y., Lichter, M. and Felsenstein, D. (2015) Simulating Urban Resilience: Disasters, Dynamics and (Synthetic) Data, pp.99-120 in S. Geertman, J. Stillwell, J. Ferreira, & R. Goodspeed (eds.) Planning Support Systems and Smart Cities, Springer.
135. Beenstock M and Felsenstein D (2016) Spatial Dependence in the Econometrics of Gravity Modeling, in Patuelli R and Arbia G (eds) Chapter 11 in The Spatial Econometrics of Spatial Interaction Modeling, Springer

136. Grinberger, A. Y., Lichter, M., and Felsenstein, D. (2017). Dynamic Agent Based Simulation of an Urban Disaster using Synthetic Big Data. pp.349-382 in Thakuria P, Tilahun N and Zellner M (eds) Seeing Cities Through Big Data: Research, Methods and Applications in Urban Informatics, Springer
137. Grinberger, A. Y., and Felsenstein, D. (2017) A Tale of Two Earthquakes: Dynamic Agent-Based Simulation of Urban Resilience in Lombard G., Stern E. and Clarke G. (eds). pp 134-154 in Applied Spatial Modeling and Planning, Taylor and Francis.
138. Grinberger, A. Y., and Felsenstein, D. (2018) Using Big (Synthetic) Data for Identifying Local Housing Market Attributes, pp109-120 in Schintler L and Chen Z (eds) Big Data for Regional Science, Routledge.
139. Grinberger, A. Y., and Felsenstein, D. (2019) Emerging Urban Dynamics and Labor Market Change: An Agent-Based Simulation of Recovery from a Disaster, pp.232-255 in Borsekova K. and Nijkamp P (eds) Resilience and Urban Disasters, Edward Elgar.