

## NOAM SHOVAL – LIST OF PUBLICATIONS

(March 2017)

### Doctoral Dissertation:

1. **Shoval, N.** (2001) *Segmented and overlapping tourist spaces: Jerusalem and Tel-Aviv as case studies*. Supervised by Prof. Arie Shachar.

### Books:

2. **Shoval, N.** and Isaacson, M. (2010) *Tourist Mobility and Advanced Tracking Technologies*. London and New York: Routledge.
3. Cohen-Hattab, K. and **Shoval, N.** (2015) *Tourism, Religion and Pilgrimage in Jerusalem*. London and New York: Routledge.
4. **Shoval, N.** and Kimchi, I. (eds.) (2015) *Urban Tourism Planning in Jerusalem*. Jerusalem: The Jerusalem Institute for Israel Studies.
5. Hall, C. M., Ram, Y., and **Shoval, N.** (eds.) (2017) *Routledge International Handbook of Walking Studies in Leisure and Tourism*. London and New York: Routledge.

### Chapters in Collections:

6. Shachar, A. and **Shoval, N.** (1999) "Tourism in Jerusalem: A Place to Pray," in D. Judd and S.S. Fainstein (eds.), *The Tourist City*. New Haven: Yale University Press.
7. **Shoval, N.** (1999) 'The Challenge of Urban Tourism Management in a Historic City and a Pilgrimage Center: Nazareth as a Case Study', in J. van der Borg and A. P. Russo (eds.), *Tourism Management in Heritage Cities*. Technical Report no. 28: UNESCO, Regional Office for Science and Technology for Europe (ROSTE). pp. 97-110.
8. **Shoval, N.** (2000) 'Commodification and Theming of the Sacred: Changing Patterns of Tourist Consumption in The "Holy Land"', in M. Gottdiener (ed.), *New Forms of Consumption: Consumers, Media and Commercial Spaces*. Boulder, Colorado: Rowman and Littlefield.
9. **Shoval, N.** (2000) 'The Case Study of Nazareth', in A. P. Russo (eds.), *Proceedings of the Second International Seminar on Tourism Management in Heritage Cities*. Technical Report no. 30: UNESCO, Regional Office for Science and Technology for Europe (ROSTE). pp. 35-44.
10. **Shoval, N.** (2000) 'Nazareth 2000: A time for Celebration?', in M. Robinson, P. Long, N. Evans, R. Sharpley and J. Swarbrooke (eds.) *Expressions of Culture, Identity and Meaning in Tourism*. Proceedings of the international conference

“*Tourism 2000: Time for Celebrations?*”. Sheffield, UK, 2-7 September 2000. pp. 359-372.

11. **Shoval, N.** (2002) ‘Spatial Activity of Tourists in Cities: What are the underlying factors?’ in K. W. Wöber (ed.), *City Tourism 2002*. Vienna and New York: Springer.
12. **Shoval, N.** (2002) ‘Global Trends in the Tel-Aviv Tourism Sector’, in D. Felsenstein, E. W. Schamp and A. Shachar (eds.), *Emerging Nodes in the Global Economy: Frankfurt and Tel-Aviv Compared*. Dordrecht: Kluwer Academic Publishers.
13. Hamnett, C. and **Shoval, N.** (2003) ‘Museums as ‘Flagships’ of Urban Development’, in L. M. Hoffman, D. Judd and S. S. Fainstein (eds.), *Cities and Visitors: Regulating People, Markets, and City Space*. Oxford: Blackwell.
14. **Shoval, N.** and K. Cohen-Hattab (2008) ‘The Role of the State and the Rise of the Red Sea Resorts in Egypt and Israel’, in S. Agarwal and G. Shaw (eds.), *Coastal Tourism Resorts: A Global Perspective*. Clevedon (UK): Channel View Publications.
15. **Shoval, N.** (2008) ‘Transformations of the urban morphology of Jerusalem: Present processes and future scenarios’, in S. Hasson (ed.), *Jerusalem: The Challenge of Transition*. Jerusalem: Floersheimer Institute for Policy Studies.
16. **Shoval, N.** (2008) ‘The GPS Revolution in Spatial Research’, in F. D. van der Hoeven, J. van Schaick, S. C. van der Spek and M. G. J. Smit (eds.), *Urbanism on Track: Application of Tracking Technologies in Urbanism*. Amsterdam: IOS Press BV.
17. **Shoval, N.** (2008) ‘Local Icons and the Use of Space by Tourists in the Old City of Akko, Israel’, in M. Jansen-Verbeke, G. K. Priestley and A. P. Russo (eds.), *Cultural Resources for Tourism: Patterns, Processes and Policies*. New York: Nova Science Publishers Inc.
18. **Shoval, N.** (2009) ‘Tourism Development in Jerusalem 1967-2005’, in D. Bar and E. Meiron (eds.), *Planning Jerusalem Revisited*. Jerusalem: Yad Itshak Ben-Zvi.
19. **Shoval, N.** (2009) ‘The Spatial Structure of Tourism in Tel-Aviv and its Significance for the Urban Form’, B. Kipnis (ed.), *Tel Aviv-Jaffa: From A Garden City to A World City*. Haifa: Pardes (In Hebrew). pp. 277-296.
20. **Shoval, N.**, Isaacson, M. and Birenboim, A. (2009) ‘Monitoring Impacts of Visitors with Aggregative GPS Data’, in B. Gottfried, N. Van de Weghe, R. Billen and P. De Maeyer (eds.) *Proceedings of the 3rd Workshop on Behaviour Monitoring and Interpretation (BMI'09)* Ghent, Belgium, November 3, 2009. pp. 33-46. [**Best Paper Award**].

21. **Shoval, N.** (2010) 'Monitoring and Managing Visitors Flows in Destinations Using aggregate GPS Data', in U. Gretzel, R. Law and M. Fuchs (eds.) *Information and Communication Technologies in Tourism 2010*. Vienna and New York: Springer. pp. 171-184.
22. Russo, A., Clave, S. and **Shoval, N.** (2010) 'Advanced Visitor Tracking Analysis in Practice: Explorations in the PortAventura Theme Park and Insights for a Future Research Agenda', in U. Gretzel, R. Law and M. Fuchs (eds.) *Information and Communication Technologies in Tourism 2010*. Vienna and New York: Springer. pp. 159-170.
23. **Shoval, N.** (2012) Time Geography and Tourism, in J. Wilson (ed.), *The Routledge Handbook of Tourism Geographies*. London and New York: Routledge.
25. Wahl, H.-W., Claßen, K., Freytag, T. & **Shoval, N.** (2012). Technik und Alter: Psychologische und interdisziplinäre Aspekte [Technology and aging: Psychological and interdisciplinary aspects]. In Meusbüger, P. and Schuch, T. (eds.) *Wissenschaftsatlas of Heidelberg University: Spatio-Temporal Relations of Academic Knowledge Production*. Knittlingen: Bibliotheca Palatina.
26. **Shoval, N.** Isaacson, M., and Chhetri, P. (2013) GPS and Smartphones and the Future of Tourism Research, in Lew, A., Hall, C.M. and Williams, A. (eds.) *The Wiley-Blackwell Companion to Tourism*.
27. **Shoval, N.** (2014) Trajectories Analysis, in N. Castree, M. Goodchild, W. Liu, A. Kobayashi, R. Marston, and D. Richardson (eds.) *The Wiley-AAG International Encyclopedia of Geography: People, the Earth, Environment, and Technology*.
28. Ferrante, M., Bongiorno, C. and **Shoval, N.** (2015) "Similarity of GPS Trajectories Using Dynamic Time Warping. An Application to Cruise Tourism". *Proceedings of the SIS 2015 Statistical Conference "Statistics and Demography: The Legacy of Corrado Gini"*, Padova: Springer, ISBN: 978886787 4521 (on-line).
29. De Cantis S., Ferrante M., Parroco A., **Shoval N.** (2016) A survival approach for the analysis of cruise passengers' behavior at the destination in Pratesi M. and Pena C. (Editors) (2016) *Proceedings of the 48th Scientific meeting of the Italian Statistical Society, SIS 2016*, pp.1-6, ISBN: 9788861970618.
30. Isaacson M., Wahl H.-W., **Shoval N.**, Oswald F. and Auslander G. (2017) The Relationship Between Spatial Activity and Well-being Related Data Among Healthy Older Adults: An Exploratory Geographic and Psychological Analysis in Samanta T. (ed), *Cross-Cultural and Cross-Disciplinary Perspectives in Social Gerontology*. Singapore: Springer. 203-219.
31. **Shoval, N.** and McKercher, B. (2017) Implementation of Tracking Technologies for Temporal and Spatial Management of Cultural Destinations: Hong Kong as an Example, in V.M. Ateca-Amestoy, V. Ginsburgh, I. Mazza, J. O'Hagan, J. Prieto-Rodríguez (eds.) *Enhancing Participation in the Arts in the EU*. Springer:

Cham (Switzerland).

Articles in Peer Reviewed Journals:

32. **Shoval, N.** (1996) "Swedish Activities in and around Jerusalem at the Beginning of the 20<sup>th</sup> Century," *Cathedra* 81, pp. 61-74 (In Hebrew).
33. **Shoval, N.** and Cohen-Hattab, K. (2001) 'Urban hotel development patterns in the face of political shifts', *Annals of Tourism Research*, vol. 28, 4:908-925.
34. **Shoval, N.** (2002) 'A New Phase in the Competition for the Olympic Gold: The London and New York Bids for the 2012 Games', *Journal of Urban Affairs*, vol. 24, 5:583-599.
35. Cohen-Hattab, K. and **Shoval, N.** (2004) 'The Decline of Israel's Mediterranean Resorts: Lifecycle Versus National Tourist Master Plans'. *Tourism Geographies*, vol. 6, 1:59-79.
36. **Shoval, N.** and Raveh, A. (2004) 'The Categorization of Tourist Attractions: The Modeling of Tourist Cities Based on a New Method of Multivariate Analysis', *Tourism Management*, vol. 25, 6:741-750.
37. Cohen-Hattab, K. and **Shoval, N.** (2004) 'The Tourist Lifecycle Model: The Rise and Decline of Netanya'. *Horizons in Geography*, vol. 62: 19-32 (In Hebrew).
38. **Shoval, N.** (2006) 'The Geography of Hotels in Cities: An Empirical Validation of a Forgotten Theory. *Tourism Geographies*, vol. 8, 1: 56-75..
39. **Shoval, N.** and Isaacson, M. (2006) 'The Application of Tracking Technologies to the Study of Pedestrian Spatial Behaviour. *The Professional Geographer*, vol. 58, 2: 172-183.
40. **Shoval, N.** and Isaacson, M. (2007) 'Tracking Tourist in the Digital Age', *Annals of Tourism Research*, vol. 34, 1: 141-159.
41. **Shoval, N.** and Isaacson, M (2007) Sequence Alignment as a Method for Human Activity Analysis, *Annals of the Association of American Geographers* vol. 97, 2: 282-297.
42. Cohen-Hattab, K. and **Shoval, N.** (2007) 'Tourism Development and Cultural Conflict: The Case of "Nazareth 2000"', *Social and Cultural Geography* vol. 8, 5: 701-717.
43. **Shoval, N.** (2007) Sensing Human Society. *Environment and Planning B: Planning and Design* vol. 34, 1:191-195.
44. **Shoval, N.** (2008) Tracking Technologies and Urban Analysis. *Cities*, vol. 25, 1:21-28.

45. **Shoval, N.**, Auslander, G. K., Freytag, T., Landau, R., Oswald, F., Seidl, U., Wahl, H.-W., Werner, S. and Heinik, J. (2008) 'The use of advanced tracking technologies for the analysis of mobility in Alzheimer's disease and related cognitive diseases', *BMC Geriatrics*, 8:7
46. **Shoval, N.** and Strom, L. (2009) Inscribing Universal Values into the Urban Landscape: New York, Jerusalem and Winnipeg as case studies. *Urban Geography*, vol. 30, 2:143-161.
47. **Shoval, N.** and Stern, A. (2008) The impact of the Separation Fence on the accessibility to hospitals in the Jerusalem region. *HaMishpat*, vol. 25, 38-46 (in Hebrew).
48. **Shoval, N.** (2009) Das Phänomen der Flagship-Museen: Neuer Trend im internationalen Städtetourismus? *Geographische Rundschau*. vol. 61, 2:28-33
49. Tchetchik, A., Fleischer, A. and **Shoval, N.** (2009) 'Segmentation of Visitors to a Heritage Site Using High Resolution Time-Space Data', *Journal of Travel Research*, vol. 48, 2:216-229.
50. Landau, R., Werner, S., Auslander, G.K., Shoval, N. and Heinik, J. (2009) Attitudes of Family and Professional Caregivers towards the Use of GPS for Tracking Patients with Dementia: An Exploratory Study. *The British Journal of Social Work*, vol. 39, 4:670-692.
51. Landau, R. Auslander, G.K. Werner, S. **Shoval, N.** & Heinik, J. (2010) Family and professional caregivers' views of using advanced technology to track people with dementia: A qualitative study, *Qualitative Health Research*, vol. 20, 3:409-419.
52. F. Oswald, H.-W. Wahl, E. Voss, O. Schilling, T. Freytag, G. Auslander, N. **Shoval**, J. Heinik, and R. Landau.F. (2010) The Use of Tracking Technologies for the Analysis of Outdoor Mobility in the Face of Dementia: First Steps into a Project and Some Illustrative Findings from Germany, *Journal of Housing for the Elderly*, vol. 24, 1:55-73.
53. **Shoval, N.**, Auslander, G., Cohen-Shalom, K., Isaacson, M., Landau, R. and Heinik, J. (2010) What can we learn about the mobility of the elderly in the GPS era? *Journal of Transport Geography*. Vol. 18, 5:603-612.
54. Landau, R., Werner, S., Auslander, G.K., Werner, S., **Shoval, N.**, & Heinik, J. (2010) What do cognitively intact older people think about the use of electronic tracking devices for people with dementia: A preliminary analysis, *International Psychogeriatrics* vol. 22 8:1301-1309.
55. Werner, S., Auslander, G.K., **Shoval, N.**, Isaacson, M., Landau, R., & Heinik, J. (2010) Cooperation with Complex Research Protocols: The Use of Global Positioning Systems with Cognitively Impaired Elders – A Preliminary Report, *Open Longevity Science*. vol. 4, 1-8.
56. Landau, R. Auslander, G.K. Werner, S. **Shoval, N.** & Heinik, J. (2011) Who

should make the decision on the use of GPS for people with dementia? *Aging and Mental Health* vol. 15 1:78-84.

57. Barzilay, Y., **Shoval, N.**, Liebergall, M., Auslander, G. K., Birenboim, a., Isaacson, M., Vaccaro, A. R. and Kaplan, L. (2011) Assessing the Outcomes of Spine Surgery Using Global Positioning Systems, *Spine* vol. 34 4:263-267.
58. **Shoval, N.**, Wahl, H-W., Auslander, G., Isaacson, M., Oswald, F., Edry, T., Landau, R. and Heinik, J. (2011) Use of the global positioning system to measure the out-of-home mobility of older adults with differing cognitive functioning, *Ageing and Society* vol. 31 5:849-869.
59. **Shoval, N.**, McKercher, B., Ng. E. and Birenboim, A. (2011) Hotel Location and Tourist Activity in Cities, *Annals of Tourism Research* vol. 38 4:1594-1612.
60. **Shoval, N.**, Barzilay, Y., Cheled, Y., Moran, D. S., Shtatlander, L., Milgrom, C., and Finestone, A. S., (2011) Estimation of Cumulative Walking Distance of Soldiers using GPS Devices, *Journal of Israeli Military Medicine*. vol. 8 1:21-25.
61. McKercher, B., **Shoval, N.**, Ng. E. and Birenboim, A. (2012) Using GPS Data to Compare First-Time and Repeat Visitors to Hong Kong, *Tourism Geographies* vol. 14 1:147-161
62. Slae, B., Kark, R., and **Shoval, N.** (2012) Post-war Reconstruction and Conservation of the Historic Jewish Quarter in Jerusalem, 1967 – 1975, *Planning Perspectives*. vol. 27 3: 369-392.
63. Werner, S., Auslander, G.K., **Shoval, N.**, Gitlitz, T., Landau, R., & Heinik, J. (2012) Caregiving Burden and Out-of-Home Mobility of Cognitively Impaired Care-recipients based on GPS Tracking, *International Psychogeriatrics*, vol. 24 11:1836-1845.
64. Birenboim, A., Clave, S., Russo, A., and **Shoval, N.** (2013) Temporal Activity Patterns of Theme Park Visitors, *Tourism Geographies* vol. 15 4:601-619.
65. **Shoval, N.** (2013) Street Naming, Tourism Development and Cultural Conflict: The Case of the Old City of Acre/Akko/Akka, *Transactions of the Institute of British Geographers* vol. 38 4:612-626.
66. Slae, B., Kark R., and **Shoval, N.** (2013) "Policy, Heritage and Space in the Regeneration of the Jewish Quarter 1967-1975" *Cathedra*, 148: 143-178 (In Hebrew).
67. Wahl, H-W., Wettstein, M., **Shoval, N.**, Oswald, F., Kaspar, R., Issacson, M., Voss, E., Auslander, G., and Heinik, J. (2013) "Interplay of Cognitive and Motivational Resources for Out-of-Home Behavior in a Sample of Cognitively Heterogeneous Older Adults: Findings of the SenTra Project," *The Journals of Gerontology Series B: Psychological Sciences and Social Sciences*, vol. 68 5: 691-702.
68. Ben-Pazi, H., Barzilay, Y., and **Shoval, N.** (2014) Can Global Positioning

Systems Quantify Participation in Cerebral Palsy? *Journal of Child Neurology*, vol. 29 6:823-825.

69. Greenberg-Raanan, M., and **Shoval, N.** (2014) Mental Maps Compared to Actual Spatial Behavior Using GPS Data: A New method for Investigating Segregation in cities, *Cities* vol. 36 1:28-40.
70. **Shoval, N.**, Kwan, M-P., Reinau, K. H., and Harder, H. (2014) The Shoemaker's Sons Always Goes Barefoot: Implementations of GPS and other tracking technologies for geographic research, *Geoforum* vol. 51 1:1-5.
71. Grinberger, Y., **Shoval, N.**, McKercher, B., and Ng. E. (2014) Typologies of Tourists Time-Space Consumption: A New Approach Using GPS Data and GIS Tools. *Tourism Geographies* 16(1): 105-123.
72. Wettstein, M., Seidl, U., Wahl, H-W., **Shoval, N.**, and Heinik, J. (2014) Behavioral Competence and Emotional Well-Being of Older Adults with Mild Cognitive Impairment: A Comparison with Cognitively Healthy Controls and Individuals with Early-Stage Dementia *GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry* vol. 27 2:55-65.
73. Wettstein, M., Wahl, H-W., **Shoval, N.**, Auslander, G., Oswald, F., and Heinik, J. (2014) Cognitive Status Moderates the Relationship between Out-of-Home Behavior, Environmental Mastery and Affect. *Archives of Gerontology and Geriatrics* vol. 59 1:113-121.
74. McKercher, B., **Shoval, N.**, Ng. E. and Birenboim, A. (2015) The [Limited] Impact of Weather on Tourist Behaviour in an Urban Destination. *Journal of Travel Research* 54(4): 442-455.
75. **Shoval, N.**, McKercher, B., Birenboim, A. and Ng. E. (2015) The Application of a Sequence Alignment Method to the Creation of Typologies of Tourist Activity in Time and Space, *Environment and Planning B: Planning and Design* 42(1): 76-94.
76. Wettstein, M., Wahl, H-W., **Shoval, N.**, Auslander, G., Oswald, F., and Heinik, J. (2015) Identifying Mobility Types in Cognitively Heterogeneous Older Adults Based on GPS-Tracking: What Discriminates Best? *Applied Gerontology* vol. 34 8:1001-1027.
77. Wahl, H-W., Wettstein, M., **Shoval, N.**, Oswald, F., Kaspar, R., Issacson, M., Voss, E., Auslander, G., and Heinik, J. (2015) Out-of-home Behavior and Cognitive Impairment in Older Adults: Findings of the SenTra Project, *the Journal of Applied Gerontology*, vol. 34 (1): 3-25.
78. Birenboim, A., Reinau, K. H., **Shoval, N.**, and Harder, H. (2015) High resolution Measurement and Analysis of Visitor Experiences in Time and Space: The Case of Aalborg Zoo in Denmark. *The Professional Geographer* 67(4): 620-629.
79. Grinberger, Y., and **Shoval, N.** (2015) A Temporal-Contextual Analysis of Urban Dynamics using Location-Based Data. *International Journal of Geographical*

*Information Science* vol. 29 11:1969-1987.

80. **Shoval, N.** and Birenboim (2015), The Implementation of Tracking Technologies for Urban Planning. *Tichnun* vol. 12 2:19-36 (In Hebrew).
81. Birenboim, A., and **Shoval, N.** (2016) Mobility Research in the Age of the Smartphone. *Annals of the Association of American Geographers* vol. 106 2:283-291.
82. De Cantis, S., Ferrante, M., Kahani, A., and **Shoval, N.** (2016), Cruise Passengers' Behavior at the Destination: Investigation using GPS Technology. *Tourism Management* 52(1): 133-150.
83. Isaacson, M. and **Shoval, N.**, Wahl, H-W., Oswald, F., and Auslander, G. (2016) Compliance and Data Quality in GPS-Based Studies. *Transportation* vol. 43 :25-36.
84. **Shoval, N.**, and Ahas R. (2016) The Use of Tracking Technologies in Tourism Research: The First Decade. *Tourism Geographies* vol. 18 5:587-606.
85. Ferrante, M., De Cantis, S., and **Shoval, N.** (2016), "A general framework for collecting and analyzing the tracking data of cruise passengers at the destination. *Current Issues in Tourism*. doi.org/10.1080/13683500.2016.1194813
86. **Shoval, N.**, Schvimer, J. and Tamir, M. (2017). Real-Time Measurement of Tourists' Objective and Subjective Emotions in Time and Space, *Journal of Travel Research*. doi/10.1177/0047287517691155

#### Patents Applications:

87. **Shoval, N.**, Barzilay, T. & Isaacson, M. Provisional US patent number 61/232,437 (filed on August 9, 2009 by Yisum, **entered to the National stage in the US on February 9, 2012**): *A System and Method for Tracking, Recording and Analyzing a Subject's Spatial Activity for Medical and other Applications*.
88. **Shoval, N.**, Felsenstein, D., & Birenboim, A. Provisional US patent number 61/694,029 (filed on August 28, 2012 by Yisum, re-filed on May 13, 2014 by Yisum; re-filed on May 10, 2015 by Yisum): *Method and System for Conducting a Survey Using Mobile Device*.

#### Reports:

89. **Shoval, N.** (1998) *Tourism as a Tool for Urban Regeneration*. Jerusalem: Ministry of Tourism. (In Hebrew). (70 pages).
90. **Shoval, N.** and Cohen-Hattab, K. (2000) *Development plan for the Historic Core of Nazareth*. The Joint Organization and the City of Nazareth. (In Hebrew). (118 pages).



90. **Shoval, N.** and Shachar, A. (2000) *The Spatial Structure of Tourism in Jerusalem and Tel-Aviv*. The Israeli Ministry of Tourism. (In Hebrew). (69 pages).
91. **Shoval, N.** (2000) 'Jerusalem', *TTI City Reports (formerly part of the Economist Intelligence Unit)*, vol. 3 (4). pp. 39-48.
92. Shachar, A., Katz, Y., Cohen-Hattab, K. and **Shoval, N.** (2001) *The Rise and Decline of Israeli Mediterranean Seaside Resorts*. The Institute for Land Use Research, Jewish National Fund (In Hebrew) (130 pages).
93. **Shoval, N.** (2002) *Tourism as a Tool for Urban Regeneration: Israel as a Case Study*. Tel-Aviv: The Pinhas Sapir Mifal Hapayis Fund for Municipal Research (In Hebrew) (81 pages).
94. **Shoval, N.** (2006) *The Tourism Potential of the Central Negev Desert*. Yissum Technology Transfer Company of the Hebrew University of Jerusalem (In Hebrew) (39 pages).
95. **Shoval, N.** and Bendel, J. (2006) *Accessibility of tourist itineraries in Jerusalem for people with disabilities*. The Israeli Ministry of Tourism. (In Hebrew). (86 pages).
96. **Shoval, N.** (2006) *The impact of the fence of separation on the right for medical care – an interim report*. The Minerva Center for Human rights, the faculty of Law, the Hebrew University of Jerusalem (In Hebrew) (26 pages).
97. **Shoval, N.**, Birenboim, A., Anton-Clave, S., Isaacson, M., and Russo, P. (2008) *Spatial and Temporal Analysis of Visitors to PortAventura Park April 2008*. School of Tourism and Leisure (EUTO), University Rovira i Virgili (105 pages).
98. **Shoval, N.** and Isaacson, M., (2009) *Spatial and Temporal Analysis of Visitors to PortAventura Park: Report for the months of May-June 2009*. Yissum Technology Transfer Company of the Hebrew University of Jerusalem (51 pages).
99. **Shoval, N.**, Fleischer, A. & Grinberger, Y. (2011) *Visitors' Activities in the Canada – Eyalon Park*. Jewish National Fund (72 pages).
100. Gelbman, A., Cohen-Hattab, K., & **Shoval, N.** (2012) *The use of forests by visitors*. Jewish National Fund (92 pages).
101. **Shoval, N.** and Rahamimoff (2012) *Conceptual Plan for Tourism Development in Tangshan in the Nanjing Metropolitan Region* (22 Pages).
102. **Shoval, N.** and Kahani, A. (2013) *Taglit – Birthright Israel Project in Time and Space: Investigation using GPS Data*. Yissum Technology Transfer Company of the Hebrew University of Jerusalem (In Hebrew) (89 pages).
103. Birenboim, A., Reinau, K. H., **Shoval, N.**, and Harder, H. (2013) *Evaluation of the ACTUM GPS Data and Advice for Future Research*. The Danish Council for Strategic Research (51 pages).

104. **Shoval, N.**, and Gelbman, A. (2013) *Importance of Location for Tourist Services and Conflicts between Tourism and the Environment*. The Israeli Ministry of Tourism (132 pages).
105. **Shoval, N.**, Gelbman, A., and Cohen-Hattab, K., (2014) *The use of Forests by Visitors: Investigation of four JNF Forests*. Jewish National Fund (92 pages).

Varia:

106. **Shoval, N.** (1995) Review of *the Israel Numismatic Journal*, XI (1990-1991), in Qadmoniot, vol. 28:1, p. 62 (in Hebrew).
107. Russo, A. P., Boniface, P. and **Shoval, N.** (2001) 'Tourism Management in Heritage Cities', *Annals of Tourism Research*, vol. 28. 3:824-826.
108. **Shoval, N.** (2002) Review of Orbasli, A. (2000) *Tourists in Historic Towns: Urban Conservation and Heritage Management*. London and New York: E & FN Spon, in *The International Journal of Heritage Studies*, vol. 8, 3:283-284.
109. **Shoval, N.** (2007) Review of Collins-Kreiner, N., Kliot, N., Mansfeld, Y. and Sagi, K. (2003) *Christian Tourism to the Holy Land; Pilgrimage during Security Crisis*. Aldershot, Ashgate, in *Tourism Geographies*, vol. 9, 3:342-344.
110. Wahl, Hans-Werner and **Shoval, N.** (2009) Dem Alter auf der Spur: Warum die Analyse außerhäuslicher Bewegung demenzielle Veränderungen verständlicher machen könnte, *Ruperto Carola* (2), 33-38. [Tracking old age: Why the analysis of out-of-home mobility may improve our understanding of dementia-related disorders].
111. **Shoval, N.** (2012) Review of Spirou Costas (2011). *Urban Tourism and Urban Change: Cities in a Global Economy*. New York: Routledge. in *Urban Affairs Review*, vol. 48, 5:761-763.
112. **Shoval, N.** (2013) Review of Salvador Anton Clavé (2012). *10 Lessons on Tourism: The Challenge on Reinventing Destinations*. Barcelona: Planeta. in *Annals of Tourism Research* (forthcoming).
113. **Shoval, N.** (2014) L'Avenir des Techniques du Tracking en Recherche du Tourisme, *Revue Espaces*.
114. Slae, B., Kark R., and **Shoval, N.** (2015) "Preservation and Re-building of Heritage Sites on the Jewish Quarter of Jerusalem, *Atarim*, October 2015, 81-88 (In Hebrew).
115. **Shoval, N.** (2016) Review of Fabian Neuhaus (2015). *Emergent Spatio-temporal Dimensions of the City: Habitus and Urban Rhythms*. Cham (Switzerland): Springer. in *Geography Research Forum*. Vol. 35, pp. 147-149.

Participation in scientific conferences:

*Mega-Events in Israel: A Tool for Urban Development?*". Meeting of the Israeli Geographical Society, December 1997.

*"Segmentation of Urban Tourist Space: Jerusalem as a Case Study"*. International conference on - *City and Culture: Urban Sustainability and Cultural Processes*. **Stockholm**, May 1998.

*"Tourism as a Tool for the Revitalization of City Centers"*. Meeting of the Israeli Geographical Society, December 1998.

*"The Challenge of Urban Tourism Management in a Historic City and a Pilgrim Center: Nazareth as a Case Study"*. Workshop on - *Tourism Management Research in European Heritage Cities*. **Venice**, December 1998.

*"Time budgets in Urban Tourism Research: Methodology, Statistics and Design Aspects"*. Workshop for Ph.D. students on - *"Innovative methods In Tourism Research"*. **Eindhoven**, October 1999.

*"Urban Tourism Management: The Historic Core of Nazareth as a Case Study"*. Meeting of the Israeli Geographical Society, December 1999.

*"From a Tourist Site to a Tourist Town: Strategies for Tourism Management and Urban Revitalization in the Historic Core of Nazareth"*. The 2<sup>nd</sup> International seminar on 'Tourism Management in Heritage Cities'. **Nazareth**, February 2000.

*"The Rise and Decline of the Israeli Mediterranean Seaside Resorts"*. The Annual meeting of the Royal Geographical Society with the Institute of British Geographers. **Plymouth**, January 2001.

*"A New Phase in the Competition for the Olympic Gold: The London and New York Bids for the 2012 Games"*. The Annual Conference of the Urban Affairs Association. **Detroit**, April 2001.

*"Museum as Flagships of Urban Development"*. International Sociological Association Research Committee on Regional and Urban Development (RC21). **Amsterdam**, June 2001.

*"The Rise and Decline of the Israeli Mediterranean Seaside Resorts"*. Meeting of the Israeli Geographical Society, December 2001.

*"Museums as 'Flagships' of Post-Industrial Cities"*. The Annual Conference of the Urban Affairs Association. **Boston**, March 2002.

*"Spatial Activity of Tourists in Cities"*. European Cities Tourism's International conference. **Vienna**, June 2002.

*"Urban Planning and the Olympic Games: The Toronto 2008 Bid as a Case Study"*. The Jerusalem Conference in Canadian Studies. **Jerusalem**, July 2002.

*"Tourism and Urban Change in Historic Cities: Nazareth as a Case Study"*. The Annual Conference of the Urban Affairs Association. **Cleveland**, March 2003.

*"A New Phase in the Competition for the Olympic Gold: The London and New York Bids for the 2012 Games"*. The Centennial Meeting of the Association of American Geographers. **Philadelphia**, March 2004.

*"Flagship Museums in Canada: City Image, Tourism and Urban Development"*. The Jerusalem Conference in Canadian Studies. **Jerusalem**, July 2004.

*"Tourist Development and Local and National Politics: Analysis of Nazareth 2000 Project"*. Tourism, Leisure and Global Change Study Group (International Geographical Union). **Drymen, Loch Lomond** (Scotland), August 2004.

*"GPS technologies for tracking heritage impacts"*. International Seminar on: Cultural heritage information resources, cartographic representations and spatial analysis. Universitat Autònoma of Barcelona. **Barcelona**, May 2005. [INVITED SPEAKER]

*"The Application of Tracking Technologies to the Study of Pedestrian Spatial Behaviour"*. The Annual meeting of the Royal Geographical Society with the Institute of British Geographers. **London**, September 2005.

*"Street Naming, Local Identity and Residents Attitudes towards Tourism development In the Old City of Akko"*. ATLAS Cultural Tourism Research Group Expert Meeting. **Chaves** (Portugal), October 2006.

*"Street Naming, Local Identity and Residents Attitudes towards Tourism development In the Old City of Akko"*. One Place – Different Memories, International Workshop at Van Leer Jerusalem Institute. **Jerusalem**, December 2006.

*"Tracking Tourists in the Digital Age"*. The Tourism Environment: Evening Series of Colloquia and Debates. **Leuven** (Belgium), March 2007. [INVITED SPEAKER]

*"A new method for measuring tourists' footprint in highly visited tourist attractions and cities"*. Achieving Sustainable Tourism. **Helsingborg** (Sweden), September 2007.

*"Inscribing Values into the Urban Landscapes using Flagship Museums"*. Economy and Fascination: themed urban landscapes of postmodernity. **Heidelberg** (Germany), November 2007.

*"The Potential of Satellite Tracking Technologies for the Sustainable Management of Destinations"*. 2<sup>ND</sup> International Seminar on Innovation on Tourism. **Vila-seca, Tarragona** (Spain), December 2007. [INVITED SPEAKER]

*"Elderly People and the City: An investigation with GPS methodology"*. Urbanism and Urban Qualities Conference. **Copenhagen**, June 2009. [INVITED SPEAKER]

*"GPS Tracking for Medical Applications"*. Smith and Nephew (Medical Devices Company) symposium. **Durham** (North Carolina, US), September 2010. [**INVITED SPEAKER**]

*"GPS Technology for Measuring Out-of-Home Mobility of Cognitively Impaired Elderly People: Preliminary Findings"*. Workshop on Behaviour Monitoring and Interpretation at the 32<sup>nd</sup> German Conference on Artificial Intelligence (KI 2009). **Paderborn** (Germany), September 2009.

*"Use of GPS technology for measuring timing and distance of outdoor activity of elderly people with different levels of cognitive functioning"*. 31st Conference of the International Association for Time Use Research. **Lüneburg** (Germany), September 2009.

*"The Potential of Satellite Tracking Technologies for the Sustainable Development and Management of Destinations"*. International conference on Tourism Destination and Branding. **Eilat** (Israel), October 2009.

*"Monitoring Impacts of Visitors with Aggregative GPS Data"*, The 3rd Workshop on Behaviour Monitoring and Interpretation (BMI'09) **Ghent**, Belgium, November 3, 2009. [**Best Paper Award**].

*"Monitoring and Managing Visitors Flows in Destinations Using aggregate GPS Data"*, ENTER 2010, **Lugano** (Switzerland), February 2010.

*"Investigation of tourists' activity patterns in a World City using GPS technology: Hong Kong as a case study"*. International Conference *Mobile Tartu: Mobile Positioning, Spatial Mobility, Geography, LBS*. August 26-28, 2010, Tartu (Estonia). [**INVITED KEYNOTE SPEAKER**]

*"Investigation of tourists' activity patterns in a World City using GPS technology: Hong Kong as a case study"*. Measuring Behaviour Conference: 7th International Conference on Methods and Techniques in Behavioral Research 24 - 27 August, 2010 Eindhoven, (The Netherlands).

*"Urban Tourism Development and Cultural Conflict: The Case of Street Naming in the Old City of Acre"*. The Annual Conference of the Urban Affairs Association. **New Orleans**, March 2011.

*"Investigation of Tourists' Mobilities using GPS technology on a National Scale: The Holy Land as a case study"*. Mobilities in Motion: New Approaches to Emergent and Future Mobilities. **Philadelphia**, March 2011.

*"Backpackers Experiences in Time and Space: An in-depth qualitative investigation in the contested city of Jerusalem"*. 3rd International Conference on Special Interest Tourism & Destination Management **Kathmandu (Nepal)** April 2011.

*"Monitoring and Managing Visitors Flows in Destinations using Aggregative GPS Data"*. Workshop on "Culture and development in Venice: from restoration to

revitalization?", organized by UNESCO with the participation and support of Ca'Foscari University. **Venice 2011** June 2011. **[INVITED SPEAKER]**

"Potential of tracking technologies for research in the social sciences". The first International CEICS Forum, University Rovira i Virgili. **Tarragona**. November 2011. **[INVITED SPEAKER]**

"Hotel Location and Tourist activity in Cities: Hong Kong as a Case Study". 62<sup>nd</sup> Aiest Conference, **Kohn Kaen** (Thailand). August, 2012.

"Researching Tourism Geographies and Mobilities in the Digital Age". GPS Tracking – Tebdeneces Moving Forward. **Aalborg** (Denmark). December 2012 **[INVITED PARTICIPANT]**.

"Investigating Aging and Cognitive Decline with GPS and GIS". An International Workshop on "GPS and GIS Integration: Extending Research Frontiers", **Hong Kong**, December 2012 **[INVITED KEYNOTE SPEAKER]**.

"Breaking Barriers between Hosts and Guests: The Taglit *Mifgash* in Mt. Herzl". Taglit-Birthright Israel: An Academic Symposium, **Jerusalem**, June 2013.

"Urban Tourism Development and Cultural Conflict: The Case of Street Naming in the Old City of Acre". Tourism, Leisure and Global Change Study Group (International Geographical Union). **Beppu / Miyajima / Okayama** (Japan), August 2013.

"Tourism in the age of the Smartphone revolution: New tools for destination management and impact measurement". An international workshop on "Advances in Tourism Research", **Palermo** (Italy). November 2013 **[INVITED KEYNOTE SPEAKER]**.

"New direction in tourism spatial research: Spatial behavior of tourists, tourism strategies, destination management, ICT use in tourism research. GRATET International Research Workshop. Vila-seca (Catalonia, Spain). November 2013 **[INVITED KEYNOTE SPEAKER]**.

"Digital Data Collection for Cultural Destinations: Collecting Digital Data from Tracking Technologies". An international workshop on "Culture, Data and Smart Cities". Bilbao (Spain), January 2014 **[INVITED KEYNOTE SPEAKER]**.

"What can GPS tracking tell us about segregation in cities? Empirical exploration of the extreme (?) case of Jerusalem". International Conference *Mobile Tartu 2014: Mobile Data, Geography, LBS*. July 1-3, 2014, Tartu (Estonia). **[INVITED KEYNOTE SPEAKER]**.

"Potential of tracking technologies for research of tourism and ageing in the social sciences". COST Action on Tourism, Wellbeing and Ecosystem Services (IS1204) meeting on 9-11<sup>th</sup> September, San Sebastian (Spain), September 2014 **[INVITED KEYNOTE SPEAKER]**.

“Understanding tourists activity and behavior using tracking technologies”. International Consumer Behavior in Tourism Symposium December 3-6, 2014, The Free University of Bozen-Bolzano (Italy). **[INVITED KEYNOTE SPEAKER]**.

“The shoemaker’s son always goes barefoot: Implementations of GPS and other tracking technologies for geographic research”. The Annual meeting of the Association of American Geographers. **Chicago**, April 2015.

“Jerusalem Divided?: Geopolitics Oversimplified”. The Middle East Forum of The Chicago Council on Global Affairs, April 22, 2015. **Chicago [INVITED SPEAKER]**.

"Tourism Mobility Tracking: A Review of the First Decade", Tourism Mobility and Behavior: A Changing Lifestyle, Bruneck, South Tyrol, Italy, October 2015. **[INVITED SPEAKER]**

"Tourism Mobility Research in the Age of the Smartphone" and "Museums as Flagships of Urban Development?". The 33rd International Geographical Congress (IGC 2016), **Beijing**, August 2016.

75<sup>th</sup> Annual Meeting of the American Psychosomatic Association. Seville (Spain) March 2017 **[INVITED KEYNOTE SPEAKER]**

"Implementation of Advanced Tracking Technologies for Tourism Research". The Academy for the Study of Tourism. **Guangzhou** May 2017. **[ACADEMY INVITED SCHOLAR]**"

"Tourism Mobility Research in the Age of the Smartphone". International Conference Place and the Tourist Experience: Heritage, Sustainability and Economy (ICOT 2017). June 28-July 1, 2017, **Chiang Mai** (Thailand).

International Consumer Behavior in Tourism Symposium December, 2017, The Free University of Bozen-Bolzano (Italy). **[INVITED KEYNOTE SPEAKER]**

Invited Seminar presentations:

Cleveland State University, Queen Mary’s College (University of London), King’s College (University of London), Ernst-Moritz-Arendt University Greifswald, Haifa University, Ben-Gurion University, Heidelberg University, University of British Columbia, Simon Fraser University, Carleton University, University of Ottawa, Katholieke Universiteit Leuven, Université Paris 1 (Panthéon – Sorbonne), University of Girona, Universitat Rovira i Virgili, Hong Kong Polytechnic University, Utrecht University. Peking University. Oxford University, Aalborg University, University of Palermo, University of Pittsburgh, University of Toronto, Auburn University, Brandeis University, Ohio State University, Pittsburgh University, University of Innsbruck.