

# Curriculum Vitae

## PERSONAL INFORMATION

Ben-Elia, Eran

ORCID: <http://orcid.org/0000-0002-4169-7129>

Date of birth: 29/9/1970

Web: <http://www.bgu.ac.il/~benelia>

## • EDUCATION

- 2008            PhD  
                  Transportation and Geo-Information Engineering, Technion – Israel  
                  Institute of Technology, Israel
- 2000            M.Sc (Cum Laude)  
                  Urban and Regional Planning, Technion – Israel Institute of Technology, Israel

## • CURRENT POSITIONS

- 2014            Senior Lecturer  
                  Geography and Environmental Development, Ben-Gurion University of the Negev, Israel
- 2014            GAMES Lab Head – (Game-based models)  
                  Geography and Environmental Development, Ben-Gurion University of the Negev, Israel
- 2014            Senior Research Fellow, Geography and Human Environment, Tel Aviv University

## • PREVIOUS POSITIONS

- 2017            Visiting Lecturer, University of the Aegean, Greece.
- 2013 – 2014    Senior Research and Teaching Fellow  
                  Geography and Human Environment, Tel Aviv University
- 2010 – 2010    Senior Research Fellow  
                  Centre for Transport and Society, University of West of England, UK
- 2008 – 2010    Postdoc Researcher  
                  Human Geography and Planning, Utrecht University, Netherlands
- 2007 – 2008    Research Associate  
                  Transportation Research Institute, Technion – Israel Institute of Technology, Israel

## • FELLOWSHIPS AND AWARDS

- 2017            Erasmus Mondus, Travel and Support Grant to U. of the Aegean, Greece.
- 2017            Travel Grant, Humboldt University Graduate School (BIGS), Berlin
- 2016            BGU VP-Research support grant, \$2K, promotion of M.A. project.
- 2016            Elsevier, Outstanding Reviewer for J. of Transp. Research Part C.
- 2014            NSF funded Travel Grant, University of Chicago, Illinois
- 2013 – 2014    Returning Scientist Fellowship – Israeli Ministry of Immigration and Absorption
- 2012            European Commission, Appreciation of Best-Practice for Cost-Benefit Analysis, FP7-Civitas Renaissance.
- 2012            Transportation Research Board of the National Academies, Certificate of appreciation for contribution to formulating the long term strategic plan of the TRB Committee on ‘Effects of ICT on Travel Choices’ (ADB20).
- 2003 – 2007    Full Scholarship for Ph.D. studies. Technion – Israel Institute of Technology, Israel
- 2001            Prize for **best M.Sc Thesis**. Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology, Israel.
- 2000            **M.Sc Cum Laude**. Technion – Israel Institute of Technology.
- 1995 – 1997    Full Scholarship for M.Sc. studies, Technion – Israel Institute of Technology, Israel.
- 1998            Prize for **excellence in M.Sc studies**, Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology, Israel.
- 1995            **B.A. Magna Cum Laude**, Economics and Political Science, Faculty of Social Sciences, Tel Aviv University, Israel
- 1993            **Dean’s list of distinguished students**, Faculty of Social Sciences, Tel-Aviv University, Israel

• **SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS**

- 2018 – M.A. (Advisor) E *Tzrfati*, Geography and Environmental Development, Ben-Gurion University of the Negev, Israel
- 2018 – M.Sc. (Co-Advisor), S. *Kaufman*, Faculty of Eng. Geography and Environmental Development, Ben-Gurion University of the Negev, Israel
- 2018 – P.hD (Co-Advisor), S. *Ben-Zvi*, Faculty of Civil and Environmental Eng. Technion, Israel
- 2017 – M.A. (Advisor) D. *Bogin*, Geography and Environmental Development, Ben-Gurion University of the Negev, Israel
- 2017 – M.Sc (Co-Advisor), L. *Zivion*, Geography and Human Environment, Tel Aviv University
- 2017 – PhD. (Co-Advisor), N. *Fullman*, Geography and Human Environment, Tel Aviv University
- 2017 – PhD. (Co-Advisor), G. *Ben-Dor*, Geography and Human Environment, Tel Aviv University
- 2016 – 2018 Post Doc (Advisor), B. *Demitryeva*, Geography and Environmental Development, Ben-Gurion University of the Negev, Israel
- 2016 – 2019 MA (Advisor), O. *Avni*, Geography and Environmental Development, Ben-Gurion University of the Negev, Israel
- 2016 – 2018 MA (Advisor), G. *Haviv*, Geography and Environmental Development, Ben-Gurion University of the Negev, Israel
- 2015 – 2017 Post Doc (Advisor), N. *Levy*, Geography and Environmental Development, Ben-Gurion University of the Negev, Israel
- 2014 – 2017 Post Doc (Co-Advisor), A. *Shabalov*, Geography and Human Environment, Tel Aviv University
- 2014 – 2018 PhD student, I. *Klein*, Geography and Environmental Development, Ben-Gurion University of the Negev, Israel
- 2012 – 2013 PhD student, (Examiner) H. *Bowkett*, Faculty of Environment and Technology, University of West of England, UK
- 2010 – PhD student (Co-Advisor/Examiner), X. *Lu*, Faculty of Civil Engineering, U. of Massachusetts Amherst, USA
- 2010 – 2013 Master Students, S. *Milles*, A. *Miles*, Faculty of Environment and Technology, University of West of England, UK

• **TEACHING ACTIVITIES**

- 2019 Lecturer – Economic Geography in the Modern and Information Ages
- 2018 - 2019 Lecturer – Introduction to Economics for Geographers, Ben-Gurion University, Israel
- 2017 Lecturer – Planners Forum (MA), Ben-Gurion University, Israel
- 2017 Lecturer – Seminar in Transportation
- 2016 – 2018 Lecturer–Transportation Planning (MA), Ben-Gurion University, Israel
- 2015 – 2017 Lecturer – Transport Geography (BA), Ben-Gurion University, Israel
- 2014 – 2017 Lecturer – Virtual Geography (BA), Ben-Gurion University, Israel
- 2014 – 2017 Lecturer – Economic Geography (BA), Ben-Gurion University, Israel
- 2013 – 2014 Lecturer – Virtual Geography (BA), Tel Aviv University, Israel
- 2013 – 2014 Lecturer – SPSS 1+2 (BA), Tel Aviv University, Israel
- 2013 – 2014 Lecturer – Quantitative Research Methods in Geography (BA), Tel Aviv University, Israel
- 2012 – 2013 Lecturer – Transport Economics and Appraisal (M.Sc), University of West of England
- 2012 – 2013 Lecturer – Changing Travel Behaviour (M.Sc), University of West of England
- 2006 – 2007 Adjunct Lecturer – Transportation Planning Lab, Technion, Israel
- 2004 – 2007 Adjunct Lecturer – Transportation Planning, Technion, Israel
- 2003 – 2005 Adjunct Lecturer – Statistics for Engineers, Technion, Israel
- 2003 – 2007 Adjunct Lecturer – Traffic Engineering Lab, Technion, Israel
- 1997 – 1998 Adjunct Lecturer – Computer Methods in Planning, Technion, Israel

- **ORGANISATION OF SCIENTIFIC MEETINGS**

- 2019 ABMTRANS 2019: The 8th International Workshop on Agent-based Mobility, Traffic and Transportation Models, Methodologies and Applications – Member of the program committee.
- 2018 9th International Conference on Emerging Ubiquitous Systems and Pervasive Networks. Technical Program Committee Member
- 2018 ABMTRANS 2018: The 7th International Workshop on Agent-based Mobility, Traffic and Transportation Models, Methodologies and Applications – Member of the program committee.
- 2017 European Association of Research in Transport (hEART) member of local organization committee.
- 2017 Workshop Co-organizer – Let's Play! Inferring Travel Choices with Games and Virtual Reality, 96<sup>th</sup> Annual Meeting of the Transportation Research Board of the National Academies, USA
- 2016 Symposium Chair – Emerging and Shared Transportation Modes and Mobility Services, Tel Aviv University, Tel Aviv, Israel
- 2016 Workshop organizer – International Workshop on ICT, Activities, Time Use and Travel” – Nanjing University, Nanjing, China.
- 2016 Session Track Organizer / ICTs, Activities, Time Use and Travel Behaviour – 14<sup>th</sup> World Conference on Transportation Research, Shanghai
- 2015 Workshop Co-organizer / Advanced Travel Information Systems – 94<sup>th</sup> Annual Meeting of the Transportation Research Board of the National Academies, USA
- 2014 Session Co-organizer / Big Data, ICTs, and Travel Demand Models – 93<sup>rd</sup> Annual Meeting of the Transportation Research Board of the National Academies, USA
- 2013 Session Track Organizer / ICTs, Activities and Travel – 13<sup>th</sup> World Conference on Transportation Research, Portugal
- 2013 Workshop Co-organizer / Impact of Information on Behaviors of Travelers –92<sup>nd</sup> Annual Meeting of the Transportation Research Board of the National Academies, USA

- **INSTITUTIONAL RESPONSIBILITIES**

- 2018 – Head of Departmental graduate studies committee.
- 2017 – 2018 Head of Departmental student recruitment committee
- 2014 – 2016 Head of Departmental Excellent Students Program, Geography and Environmental Development, Ben-Gurion University of the Negev, Israel
- 2014 – Faculty member, Humanities and Social Sciences, Ben-Gurion University, Israel
- 2012 – 2013 Module Leader (Transport Economics), University of the West of England, UK
- 2012 – PhD Examiner, University of the West of England, UK

- **REVIEWING AND EDITORIALS**

**Journals:** Transportation Research Part A / B / C / D / F, Transportation , Transportation Science, Transport Policy , Transport Reviews, Journal of Transport Geography , Transportmetrica A, Mobilities, European Journal of Transportation Infrastructure Research, Journal of Choice Modeling, Journal of Operations and Production Management, Journal of Evaluation and Program Planning, International Journal of Environmental Research and Public Health, Environment and Behavior, Natural Resources Forum (United Nations Department of Economic and Social Affairs)

**Scientific Foundations:** National Science Foundation - Decision, Risk, and Management Sciences; Chilean Science Foundation (CONICYT); Dutch Science Foundation (NWO) - Cooperation with China in Operations Research. COST (EU), Israel Science Foundation (ISF)

**Editorials:** EDB Member: Transportation Research Part C (2017 - ), Transportation (2016 - ) Transportation Letters (2016 - ); Special Issue of Transportation, ICT, activity-space and travel Guest Editor, Special Issue of Transport Policy, Selected Papers on Travel Behavior of the 12th WCTR (2013)

- **MEMBERSHIPS OF SCIENTIFIC SOCIETIES**

- 2014 – European Network for Communication and Transport Research (NECTAR) Cluster 8 – Information and Communication Technologies
- 2010 – Committee on Effects of ICT on Travel Choice, Transportation Research Board of the National Academies (US)

- 2009 – International Association of Travel Behaviour Research
- 2009 – Chair of Special Interest Group – ICT, Activities, Time Use and Travel Behaviour (SIG-D4) World Conference on Transportation Research Society (WCTRS).

• **RESEARCH GRANTS**

<i>Project Title</i>	<i>Funding source</i>	<i>Amount</i>	<i>Period</i>
Smart Adaptive Public Transport	ERA-NET	€106K	2014-2016
Cooperation in Congested Road Networks	ISF	€90K	2014-2018
Adaptive Dynamic Parking Pricing: From Theory to Practical Implementation	Institute of Transportation Innovation, Tel Aviv University	€65K	2015-2018
From Big Data to Public Transport Demand by fusing cellular and smartcard data	Chief Scientist Office, Israel Ministry of Transport	€65K	2016-2019
Adoption of the shared autonomous vehicle: A Game-based model of urban travelers and transportation	Chief Scientist Office, Israel Ministry of Transport	€110K	2017-2019
Development of an open source decision making application for public transport reliability estimation	Survey of Israel	€14K	2018-2019
Tessellation of Urban Parking Prices	Israel Science Foundation (ISF)	€117K	2018-2020
Mobility as a Service: From Rigid to Smart Evolving Public Transport	Ministry of Science and Technology (MOST)	240K	2019-2021

• **PUBLICATIONS**

**Refereed articles and refereed letters in scientific journals**

- Ben-Elia E.**, Shiftan Y, Shefer D., (2003), Transportation Impact Statement (TIS): A new tool for transportation and land use planning, *Environment & Planning A*, 35, 12, 2177-2190.
- Ben-Elia E.**, Erev I., Shiftan. Y., (2008), The combined effect of information and experience on drivers' route-choice behavior, *Transportation*, 35, 165-177.
- Ben-Elia E.**, Ettema D., (2009), Carrots versus sticks: Rewarding commuters for avoiding the rush-hour - a study of willingness to participate, *Transport Policy*, 16, 68-76.
- Ben-Elia E.**, (2009), Pricing in road transport (Book Review), *J.of Transport Geography*, 17, 318-319
- Ben-Elia E.**, Shiftan Y., (2010) Which road do I take? A learning-based model of route choice with real-time information, *Transportation Research A*, 44, 249-264.
- Ben-Elia E.**, Ettema D. (2011), Changing commuter behavior using rewards for avoiding rush-hour driving, *Transportation Research F*, 14, 354-368.
- Ben-Elia E.**, Ettema D. (2011), Rewarding rush-hour avoidance: A study of commuters' travel behavior, *Transportation Research A*, 45, 567-582.
- Lu X., Gao S., **Ben-Elia E.** (2011), Information Impacts on Route Choice and Learning Behavior in a Congested Network: Experimental Approach, *Transportation Research Record*, 2243, 89-98.
- Tillema T., **Ben-Elia E.**, Ettema D., Van Delden, J., (2013), Charging versus rewarding: A comparison of road-pricing and rewarding peak avoidance in The Netherlands, *Transport Policy*, 26, 4-14.
- Ben-Elia E.**, Ishaq R., Shiftan Y. (2013), If only I had taken the other road: Regret, risk and reinforced learning in informed route choice?, *Transportation*, 40, 269-293.
- Ben-Elia E.**, Di-Pace R., Bifulco G. N., Shiftan Y. (2013), The impacts of information's accuracy on route-choice, *Transportation Research C*, 46, 146-159.
- Ben-Elia E.**, Shiftan Y., (2013) Understanding behavioural change: An international perspective on sustainable travel behaviours and their motivations": Selected Papers from the 12th World Conference on Transportation Research (Editorial), *Transport Policy*, 26, 1-3

- Clayton W., **Ben-Elia E.**, Ricci, M., Parkhurst G., (2014), Where to park?: A behavioural comparison of bus Park and Ride and city centre car park usage in Bath, UK., *J. of Transport Geography*, 36, 124–133.
- Ben-Elia E.**, Alexander B., Hubers C., Ettema D., (2014) Activity fragmentation, ICT and travel: An exploratory path analysis of spatiotemporal interrelationships, *Transportation Research A* , 68, 56-74.
- Lu X., Gao S., **Ben-Elia E.**, (2014) Pothering R., Travelers' Day-to-Day Route Choice Behavior with Real-Time Information in a Congested Risky Network, *Mathematical Population Studies*, 21, 205-219.
- Ben-Elia E.**, Avineri I., (2015) Response to travel information: A behavioural review, *Transport Reviews*, 35, 352-377.
- Ben-Elia E.** Benenson, I., Rofe Y., Safra E., Geyzersky, D. (2015), A Spatially-Explicit Big Data application for computation and evaluation of public transport accessibility in Tel Aviv-Yafo, Tichnun, 12, 37-58. (In Hebrew)
- Kumar V. S, Bhat C. R., Subodh K. D., Pendyala R., Daehyun Y., **Ben-Elia E.**, Ettema D., The Impacts of an Incentive-Based Intervention on Peak Period Traffic: Experience from the Netherlands, *Transportation Research Record*, in press. DOI: 10.3141/2543-20
- Levy N., **Ben-Elia E.**, (2016), Emergence of system optimum: A fair and altruistic agent-based route-choice model, *Procedia Computer Science*, 83, 928–93317.
- Klein I., **Ben-Elia E.**, (2016), Emergence of cooperation in congested road networks using ICT and future and emerging technologies: A game-based review, *Transportation Research Part C: Emerging* 72, 10-28
- Benenson, I. **Ben-Elia E.**, Rofe Y., Geyzersky, . (2017), The benefits of a high-resolution analysis of transit accessibility, *International Journal of GIS*, 31, 213-236.
- Dong H., **Ben-Elia E.**, Cirillo C., Toledo T, Prashker J. N. (2017), On Negative Correlation: A Comparison between Multinomial Probit and GEV-based Discrete Choice Models, *Transportmetrica A*, 13, 365-379.
- Stathopoulos A., Cirillo C., **Ben-Elia E.**, Cherchi E., Schmoecker J. D., Li J., Innovation adoption modeling in transportation: new models and data (workshop report), *Journal of Choice Modelling*, 25, 61-68.
- Klein I, Levy N., **Ben-Elia E.** (2017), An Agent-Based Model of a System-Optimal ATIS, *Procedia Computer Science*, 109, 893-898.
- Tang Y., Gao S., **Ben-Elia E.**, (2017) An Exploratory Study of Instance-Based Learning for Route Choice with Random Travel Times, *J. of Choice Modelling*, 24, 22-35.
- Klein, I., **Ben-Elia, E.** (2017). System optimal ATIS as a congestion management instrument—Game-based experiment and agent based model. In *Models and Technologies for Intelligent Transportation Systems (MT-ITS), 2017 5th IEEE International Conference on Intelligent Transportation Systems*, 816-820
- Harouvi O., **Ben-Elia E.**, De Hoogh K., Factor R., Kloog I., Noise estimation model development using high-resolution land use regression, *Journal Of Exposure Science And Environmental Epidemiology*, (in press)
- Ben-Dor G., **Ben-Elia E.**, Benenson I., Assessing the Impacts of Dedicated Bus Lanes on Urban Traffic Congestion and Modal Split with an Agent-Based Model, *Procedia Computer Science*, 130, 824-829.
- Ben-Elia E.**, Feng Zhen (2018), ICT, Activity Space-Time and Mobility: New insights, new models, new methodologies – Editorial, *Transportation*, 45, 267-272
- Ben-Elia E.**, Lyons G., Mokhtarian P. L. (2018) Epilogue: The new frontiers of behavioral research on the interrelationships between ICT, Activities, Time Use and Mobility, *Transportation*, 45, 479-497
- Levy N., Klein I., **Ben-Elia E.**, Emergence of cooperation and a fair system optimum in road networks: A game-theoretic and agent-based modelling approach, *Research in Transport Economics*, 68, 46-55
- Levy N., **Ben-Elia E.**, An exploratory study of spatial patterns of cycling in Tel Aviv using passively generated bike-sharing data, *J. of Transport Geography* (in press)
- Klein I., Levy N. **Ben-Elia E.** (2018), An agent-based model of the emergence of cooperation and a fair and stable system optimum using ATIS on a simple road network, *Transportation Research Part C*, 86, 183-201.
- Klein I., **Ben-Elia E.**, Emergence of cooperative route-choice: A model and experiment of compliance with system-optimal ATIS, *Transportation Research Part F*, 59, 348-364
- Harouvi O., **Ben-Elia E.**, De Hoogh K., Factor R., Kloog I. (2018), Noise estimation model development using high-resolution land use regression, *Journal Of Exposure Science And Environmental Epidemiology*, 28, 559-567.

**Ben-Elia E.** Benenson, I. (2019), A spatially-explicit method for analyzing equity in job accessibility, *Transportation Research Part A*, 120 31-42.

Ben-Dor G., **Ben-Elia E.**, Benenson I., Determining an Optimal Fleet Size for a Reliable Shared Automated Vehicle Ride-Sharing Service, *Procedia Computer Science*, Accepted 04/02/2019.

**(b) Refereed chapters in books**

Avineri E, **Ben-Elia E.**, (2015), Prospect Theory and its application to the modelling of travel choice. Bounded Rational Choice Behavior; S. Rasouli, H. Timmermans eds. ; ISBN: 978-1-78441-072-8

**Ben-Elia E.**, Avineri E., (2015), Opportunities and Threats of Travel Information: A Behavioural Perspective, Thomopoulos N., Givoni M, Rietveld P. eds. *ICT for transport: Opportunities and threats – NECTAR series on Transportation and Communications Research*, Edward Elgar, ISBN: 9781-78347-128-7

Benenson I., **Ben-Elia E.** Rofe Y., Rosental A. (2016), Estimation of Urban Transport Accessibility at the Spatial Resolution of an Individual Traveler, Thakuria P., Tilahun N., Zellner M. (eds.), *Seeing Cities Through Big Data - Research, Methods and Applications in Urban Informatics*, Springer. ISBN 978-3-319-40902-3

**(c) Monographs**

**Ben-Elia E.** (2011), *Route-Choice with Real Time Information: Behavior, Learning and Modeling*, Lambert Academic Press, Saarbrücken. ISBN 978-3-8443-1255-3.

• **LECTURES AND PRESENTATIONS AT MEETINGS AND INVITED SEMINARS**

**(a) Presentations at international conferences/meetings**

European Transport Conference (2007, 2009, 2010)

European Regional Science Association (2018)

World Conference on Transportation Research (2007, 2010, 2016)

International Association for Travel Behaviour Research, (2009, 2012, 2015)

International Choice Modelling Conference (2009)

Triennial Symposium on Transportation Analysis, (2010, 2016)

Annual meeting of the Transportation Research Board (2008, 2010, 2011, 2012, 2013, 2015, 2016, 2017)

Association of Israeli Geographers (2013, 2014, 2015, 2016, 2017, 2018)

Universities Transport Studies Group (2014)

Mobile Tartu (2018)

NSF-funded Conference on Big Data and Urban Informatics (2014)

Network of communication and transport research (NECTAR) (2015)

European Regional Science Association (ERSA), NECTAR-ERSA Special Session on “New Data and Methods in Accessibility Analysis (2015)

ABM Trans workshop (2016, 2017, 2018)

European Association of Research in Transportation (hEART) (2017)

International Conference on Transport Survey Methods, Montreal (2017)

International Conference “Reliability and Statistics in Transportation and Communication” (2018)

**(b) Invited presentations at international seminars and workshops**

Discrete Choice Modeling Workshop, EPFL, Switzerland (2009-2011)

Time Use Observatory Workshop, Santiago, Chile (2009)

Transportation Statistics Users Group (2011), London, UK

Impacts and Benefits of Smart Mobility (2012), Veolia Transport TransDev, Paris, France (Invited Expert)

Travel Behavior Dynamics Workshop (2013), University of Maryland, USA

Wild Cards for Future of European Transport Industries (2013), Tel Aviv University (Invited Expert).

COST Action – Transportation Equity Analysis (2013), Technion, Israel

ICT and Physical Mobility (2014), Imperial College London, UK (Invited Expert)

Advanced Traveler Information Systems, 94th annual meeting of the Transportation Research Board, Washington DC, USA (2015).

Ben-Gurion University, Decision Making and Economic Psychology Center Retreat (2015), Sde Boker, Israel.

Technology and Geography Workshop (2015), Ben-Gurion University of the Negev, Israel.

Innovation adoption modeling in transportation: innovative models and data (2015), Windsor, UK

Frontiers in Transportations (2015) – An update on social networks and travel, Windsor, UK

Workshop on Adaptive Transportation Systems, European Association of Research in Transport (hEART), Copenhagen, Denmark

Workshop on Smart Urban Mobility (2015), Napier University, Edinburgh, UK

NECTAR CL 8 workshop: Big data: a new opportunity for urban transport and mobility policies (2016). Sevilla, Spain

International Conference of the Association of China Planning, Peking University, Beijing

ICT, Activities, Time Use and Travel” – International Workshop, Nanjing University, Nanjing, China (2016).

International Symposium on Emerging and Shared Transportation Modes and Mobility Services, , Tel Aviv, Israel.

Lets Play! Inferring Travel Choices with Games and Virtual Reality, 96th annual meeting of the Transportation Research Board, Washington DC, USA.

Game-Based Modeling of Human-Driven Geographic Systems, Geocomputation, Leeds, (2017)

Analysis of Israeli Smartcard data, Big Data in Transportation workshop, Jerusalem, Israel (2018).

Analysis of Israeli Smartcard data, Big Data Applications in Transportation workshop, Haifa, Israel (2018)

Simulation of the Introduction of Shared Autonomous Vehicles, workshop on the Impacts of the Autonomous Vehicle Era on Land use and Urban Planning, Tel Aviv (2018)

Spatial and Temporal Estimation of the Service Reliability of Public Transportation Using Big Data and Open Source Tools, Chief Scientist Conference of the Survey of Israel (2018)

**(c) Seminar presentations at universities and institutions**

Technion - Israel Institute of Technology; Faculty of Civil and Environmental Engineering (2005, 2007, 2009)

Tel-Aviv University, Department of Psychology, Tel Aviv, Israel (2006)

ETH - Swiss Federal Institute of Technology, Zurich; Institute of Transport Planning and Systems (IVT), Zurich, Switzerland (2008).

University of Leeds Institute of Transport Studies, Leeds, UK (2008).

EPFL - Swiss Federal Institute of Technology, Lausanne, Transport and Operations Research Lab, Lausanne, Switzerland. (2008)

Utrecht University, Faculty of Geosciences, Department of Human Geography and Planning (2009)

Tel Aviv University, Department of Geography and Human Environment, Tel Aviv, Israel (2009, 2013)

University of the West of England, Department of Planning and Architecture, Centre for Transport and Society (2010)

University College London, Bartlett School of Planning, London, UK (2011)

Cardiff University, School of City and Regional Planning, Cardiff, Wales, UK (2012)

Hebrew University Jerusalem, Department of Geography, Jerusalem, Israel (2013)

Ben-Gurion University, Department of Geography and Environmental Development, Beer-Sheba, Israel (2013)

Tel Aviv University, Department of Geography and Human Environment, Tel Aviv, Israel (2015).

University of Glasgow, Urban Big Data Centre, Glasgow, UK (2015).

Humboldt University Graduate School (BIGS2), Berlin, Germany (2017)

Department of Shipping, Transport and Trade, University of the Aegean, Chios, Greece (2017)