

**CURRICULUM VITAE**

**1. Personal Details**

Electronic Address: [tammy20@015.net.il](mailto:tammy20@015.net.il)

**2. Higher Education**

**a. Undergraduate and Graduate Studies**

<b>Period of Study</b>	<b>Name of Institution and Department</b>	<b>Degree</b>	<b>Year of Approval of Degree</b>
1983-1986	Hebrew University, Department of Earth Sciences, Faculty of Mathematics and Natural Sciences	B.Sc. in Physical Geography and Atmosphere Sciences (with distinction)	1987
1988-1992	Technion – Israel Institute of Technology Faculty of Architecture and Town Planning	M.Sc. in Urban and Regional Planning (with distinction)	1993
1995-2001	Technion – Israel Institute of Technology Faculty of Architecture and Town Planning	Ph.D. in Urban and Regional Planning	2002

**b. Post-Doctoral Studies**

<b>Period of Study</b>	<b>Name of Institution, Department and Host</b>	<b>Host</b>
Aug. 2003 – Jul. 2004	MIT – Massachusetts Institute of Technology Department of Urban and Environmental Planning,	Prof. Lawrence E. Susskind

**3. Academic Ranks and Tenure in Institutes of Higher Education**

<b>Years</b>	<b>Name of Institution and Department</b>	<b>Rank/Position</b>
Oct. 1985- Sep. 1987	Department of Earth Sciences Faculty of Mathematics and Natural Sciences Hebrew University	Adjunct Researcher & Teaching Assistant
Oct. 1996 – Sep. 1999	Department of Public Policy Faculty of Social Sciences University of Tel Aviv	Adjunct Lecturer
Oct. 1995 – Sep. 2002	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	Adjunct Lecturer
Oct. 1999 – Sep. 2002	Department of Natural Resources & Environmental Management Faculty of Social Sciences & Mathematics University of Haifa	Instructor (lecturer)
Mar. 2002 – Sep. 2002	Faculty of Architecture and Town Planning	Senior Researcher

<b>Years</b>	<b>Name of Institution and Department</b>	<b>Rank/Position</b>
	Technion – Israel Institute of Technology	
Oct. 2002 – Sep. 2004	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	Lecturer
Oct. 2004 – Sep. 2005	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	Adjunct Senior Lecturer
Oct. 2005 – Mar. 2009	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	Assistant Professor (tenure track)
Mar. 2009 – Sep. 2012	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	Adjunct Senior Lecturer
Oct. 2008 - Sep. 2013	Department of Geography and Environmental studies University of Haifa	Adjunct Lecturer
May 2012 – Sep. 2012	Department of Natural Resources & Environmental Management Faculty of Management University of Haifa	Adjunct Lecturer
Oct. 2012 – Sep. 2014	Department of Natural Resources & Environmental Management Faculty of Management University of Haifa	Lecturer <u>Half time</u> employee (tenure track)
Sep. 2014 - Present	Department of Natural Resources & Environmental Management Faculty of Social Sciences University of Haifa	Lecturer Full time employee (tenure track)

#### 4. **Offices in Academic Administration**

##### a. **Membership in committees and research centers**

<b>Years</b>	<b>Faculty - Institution</b>	<b>Appointment /Role</b>
1997-2012	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	Member of Center for Urban and Regional Studies (CURS)
2003, 2005 - 2009	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	Member of the urban planning scholarships committee
2003 - 2009	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	Member of the faculty's library committee
2007-2009	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	Member of the urban planning students' admission board
2008	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	In charge of developing (with Prof. R Alterman) the 'Environmental Policy and Planning' specialization program in Urban and Regional Planning

<b>Years</b>	<b>Faculty - Institution</b>	<b>Appointment /Role</b>
2008	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	Member of the committee for development of the M.Sc. Program in landscape architecture
2008-2009	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	One of the initiators and in charge of the 'NofArim' graduate program for landscape architects (B.L.A + M.U.R.P)
2012 - present	Department of Natural Resources & Environmental Management Faculty of Management University of Haifa	Initiator and academic head of the graduate specialization program in 'Management of Sustainable Built Environment'
2014 - 2016	Department of Natural Resources & Environmental Management Faculty of Management University of Haifa	A member of the M.A. committee
2015	Department of Natural Resources & Environmental Management Faculty of Management University of Haifa	A member of the Faculty's committee for best published paper dean's award
2014 - 2019	Department of Natural Resources & Environmental Management Faculty of Management University of Haifa	A member of the Faculty's Ethics committee
2015 - present	Department of Natural Resources & Environmental Management Faculty of Management University of Haifa	A member of the Natural Resources and Environmental Research Center (NRERC)
2019 - present	Department of Natural Resources & Environmental Management Faculty of Social Sciences University of Haifa	A member of the Faculty's Ethics committee

**b. Development of New Graduate Degree Programs**

<b>Years</b>	<b>Faculty - Institution</b>	<b>Program</b>	<b>Appointment /Role</b>
2008	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	M.Sc. specialization program in Urban and Regional Planning	Committee member
2009	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	M.Sc. Program in landscape architecture	Committee member
2009	Faculty of Architecture and Town Planning Technion – Israel Institute of Technology	NofArim - M.Sc. program for landscape architects (B.L.A + M.U.R.P)	One of the initiators and academic head
2012	Department of Natural Resources and Environmental Management, Faculty of Management, University of Haifa	Management of Sustainable Built Environment - Graduated specialization program	Initiator and academic head

<b>Years</b>	<b>Faculty - Institution</b>	<b>Program</b>	<b>Appointment /Role</b>
2018	Department of Natural Resources and Environmental Management, Faculty of Management, University of Haifa	Leveraging Natural Resources - Continuing education program for the Jewish National Fund	Initiator and academic head

## 5. Scholarly Positions and Activities Outside the University

<b>Years</b>	<b>Membership in Research Centers</b>
2019 - present	National Center for Promotion of Smart Transportation Research, Technion – Israel Institute of Technology

<b>Years</b>	<b>Membership in Professional Associations</b>
1991- present	Association for Environmental Planning in Israel
1995 - 2008	RSAI - Regional Science Association International
1996 - 2009	IALE - International Association for Landscape Ecology
2001 - 2010	Association for Architects and Town Planners in Israel
2002 - 2006	Haifa district Association of Architects and Town Planners in Israel
2011 – 2014	Participator in the formulation the National Green Growth Plan
2014	The Climate Technology Centre & Network (CTN)
2016 - present	World Smart City Forum
2019 - present	A member of the Center for Promotion of Smart Transportation Research – Technion & Bar Ilan University

<b>Years</b>	<b>Reviewing for Refereed Journals</b>
2005 - 2009	<i>Forest</i> (Israeli Journal)
2017 - present	<i>Sustainability</i> , IF. 2.065, Q2
2017 - present	<i>International Journal of Sustainable Transportation</i> , IF 2.586, Q1
2018 - present	<i>Journal of Cleaner Production</i> , IF. 5.651, Q1
2019 - present	<i>Sustainable Cities and Society</i> , IF. 4.624, O1

<b>Years</b>	<b>Reviewing for Fund Agencies</b>
2007-2010, 2014	Reviewer of research proposals submitted to the Ministry of Environmental Protection, Chief Scientist
2014 - present	Reviewer of research proposals submitted to the Ministry of National Infrastructures, Energy and Water Resources, Chief Scientist

<b>Years</b>	<b>Public Professional Activities</b>
1995 - 1998	Environmental consultant to environmental NGO <i>Citizens for the Environment in the Galilee Association</i>
1997	Environmental consultant to the environmental NGO <i>Association for Environmental Quality in Nahariya</i>

<b>Years</b>	<b>Public Professional Activities</b>
1999 - 2002	Member of the steering committee of <i>Policy Paper for Conservation and Sustainable development of Lake Kinneret</i> , Karev Foundation
2004 – 2009	Member of <i>Forest Department Board of Directors</i> , Land Development Authority, Jewish National Fund
2015 - present	Representative of the Israeli academy to technical committee no. 2205 on Smart Cities at The Standards Institution of Israel
2017 - present	Israel's representative to the United Nation Environment Programme (UNEP) – Mediterranean Action Plan (MAP) National Integrated, Priority Actions Programme/Regional Activity Centre (PAP/RAC), Monitoring and Assessment Programme (IMAP) for Coast and Hydrography indicators., EcAp Med II project

<b>Years</b>	<b>Professional Activities</b>
1991-2015	Planner and environmental consultant for: <ul style="list-style-type: none"> <li>• Ministry of Environmental Protection;</li> <li>• Ministry of the Interior;</li> <li>• Ministry of Construction and Housing;</li> <li>• Ministry of National Infrastructures, Energy and Water Resources;</li> <li>• Israel Land Authority;</li> <li>• Water Authority;</li> <li>• The Jewish Agency for Israel;</li> <li>• Authority for Nature and Parks;</li> <li>• Jewish National Fund</li> <li>• Various local and district planning bureaus;</li> <li>• Various municipalities and regional councils;</li> <li>• Private planning and development companies;</li> <li>• NGOs</li> </ul>

## 6. Active Participation in Scholarly Conferences

### a1. International Conferences - Held Abroad

<b>Date</b>	<b>Name of Conference</b>	<b>Place of Conference</b>	<b>Subject of Lecture/Discussion</b>	<b>Role</b>
Oct. 9-10, 1996	IALE International Conference: Landscape Transformation in Europe: Practical & Theoretical Aspects	Warsaw, Poland	A Tool for implementation of landscape conservation policy in Israel	Oral presentation
Sep. 6-13, 1998	IALE International Conference: Present and Historical Nature-Culture Interactions in Landscapes	Prague, Czech Republic	A model for environmental policy research	Oral presentation
Nov. 8-10, 2002	International Conference on Landscape Planning: Landscape Planning in the Era of Globalization	Portorose, Slovenia	Principal approaches to nature conservation: Lessons from international experience	Oral presentation

<b>Date</b>	<b>Name of Conference</b>	<b>Place of Conference</b>	<b>Subject of Lecture/Discussion</b>	<b>Role</b>
July 13-17, 2003	IALE World Congress 2003: Crossing Frontiers Landscape Ecology Down Under	Darwin, Northern Territory, Australia	Regulatory approaches to nature conservation: Theory and practice	Oral presentation
Oct. 4-7, 2006	IALE 14th International Symposium on Problems of Landscape Ecological Research	High Tatra Slovakia	Attitudes towards nature in the Israeli public	Oral presentation
May 10-14, 2009	5th World Environmental Education Congress	Montreal, Canada	ESD Pedagogy - a guide to the perplexed; Intergenerational transference of education for sustainability: An evaluation kit	Oral presentation
Jan. 14-16, 2014	The 6th New Zealand Association for Environmental Education (NZAEE) Biennial Conference	Christchurch, New Zealand	Evaluating School-Community Participation in Developing a Local Sustainability Agenda	Oral presentation
Nov. 17-19, 2015	Smart City Expo World Congress	Barcelona, Spain	Evaluation of 'green transportation' project by Envision sustainability standard: Tel-O-Fun – Bikes sharing project in Tel-Aviv – Yafo as a case study	Oral presentation
Dec. 30-31, 2015	ICPEBE 2015 : XIII International Conference on People, Ecosystems and Built Environment	Paris, France	Assessing sustainability of bikes sharing projects using Envision™ rating system	Oral presentation
Oct. 24-26, 2016	World Conference on Climate Change	Valencia, Spain	Towards Climate-Resilient Cities in Israel: Local Planning and Building Measures	Oral presentation
Sep. 29-30, 2017	International Conference on Natural Science and Environment	Tokyo, Japan	Bridging the Gaps Toward Effective Incorporation of Landscape Character Assessment Approach in Land-Use Planning and Management in Israel	Oral presentation
Sep 17-20, 2018	The 7th World Sustainability Forum	Beijing, China	Factors influencing consumers' willingness to pay a price premium for green-labelled housing: Evidence from a nationwide survey among prospective homebuyers in Israel	Oral presentation
July 2, 2019	Closing the Plastics Cycle - A Review of Current Best Practice Around the Whole Cycle	London, England	The willingness of the Israeli public to reduce the use of plastic products in the shores	Oral presentation

<b>Date</b>	<b>Name of Conference</b>	<b>Place of Conference</b>	<b>Subject of Lecture/Discussion</b>	<b>Role</b>
Feb 3-4, 2020	IASTEM- 785TH International Conference on Environment and Natural Science (ICENS)	Melbourne, Australia	User-Centered Approach to Optimizing Public Space Lighting	Oral presentation

### **a2. International Conferences - Held in Israel**

<b>Date</b>	<b>Name of Conference</b>	<b>Place of Conference</b>	<b>Subject of Lecture/Discussion</b>	<b>Role</b>
March 24, 2009	Sustainability: From Switzerland to Tel Aviv	Tel Aviv University, Israel	The Technion green campus; Green architecture and urban planning	Oral presentation
Nov. 17-18, 2011	National Parks and Economic Considerations	Technion, Haifa, Israel	The formulation process of the Israeli nature conservation policy	Chair Person of the panel

### **a3. Local Conferences**

<b>Date</b>	<b>Name of Conference</b>	<b>Place of Conference</b>	<b>Subject of Lecture /Discussion</b>	<b>Role</b>
Dec. 24-25, 1995	The Israeli Geographic Association	Hebrew University, Israel	The socially focused alternative of “Israel 2020” - Master Plan for Israel in the 21 <sup>st</sup> century	Oral presentation
Dec. 20-21, 1998	50 Years of Planning Thought in Israel: Theory & Practice	Technion, Israel	Key developments in Israeli nature conservation policy	Oral presentation
March 13, 2007	The Annual Conference of the Association for Environmental Planning in Israel	Technion, Israel	The Environmental session	Chair Person of the session
March 9, 2008	The Annual Conference of the Association for Environmental Planning in Israel	Ashdod, Israel	The Environmental session	Chair Person of the session
June 2-3, 2009	Architecture and Town Planning Conference	Zfat, Israel	Planning public parks in Israel; Waste treatment in Israel	Oral presentation
June 21-22, 2010	The 38 <sup>th</sup> annual conference of the Israel Society of Ecology & Environmental Sciences	Ben Gurion University, Beer Sheva, Israel	Comparison between environmental schools’ sustainability approach to schoolchildren parents’ sustainability approach	Oral presentation
March 18, 2010	The Annual Conference of the Association for Environmental Planning in Israel	Hakfar Hayarok, Israel	The environmental impacts of seawater desalination facilities on the coastal and marine environment	Oral presentation
Oct. 14, 2010	Ministry of Construction & Housing Conference	Tel Aviv, Israel	Planning of public parks, according to settlement type, population sector, climatic region, and topographic zone	<b>Invited Lecture Keynote speaker</b>

<b>Date</b>	<b>Name of Conference</b>	<b>Place of Conference</b>	<b>Subject of Lecture /Discussion</b>	<b>Role</b>
Feb 10, 2011	The Annual Conference of the Association for Environmental Planning in Israel	Ben Gurion University, Beer Sheva, Israel	The utilization of underground space as a leverage for urban regeneration; Planning public parks in urban areas	Oral presentation
Apr. 23, 2012	Ministry of Construction & Housing Conference	Jerusalem, Israel	Planning of public parks, according to settlement type, population sector, climatic region, and topographic zone	Chair Person, <b>Invited Lecture Keynote speaker</b>
* Oct. 21, 2013	Ecosystem services and spatial planning. Ministry of Environmental Protection	Maale Hachamisha, Israel	Integrating 'Ecosystem services' approach and 'Value Sensitive Planning' approach into Israel's planning processes	Oral presentation
Feb. 20-21, 2014	The Annual Conference of the Israel Planners Association	Hebrew University, Israel	Integrating 'Ecosystem services' approach and 'Value Sensitive Planning' approach into Israel's planning processes	Oral presentation
Feb. 19-20, 2015	The Annual Conference of the Israel Planners Association	Ben Gurion University, Israel	Ecological planning: Lessons from the Dutch and the Israeli experience	Oral presentation
Oct. 12-14, 2015	The Israel Society for Ecology and Environmental Sciences	Hebrew University, Jerusalem	A 'Tool box' for integrating environmentally sensitive planning in Israel	Oral presentation
Mar. 7-8, 2019	The Annual Conference of the Israel Planners Association	Beer Sheva (old city), Israel	An interactive user-oriented approach for optimizing public space illumination	Oral presentation
Dec. 26, 2019	River Restoration administration	Tel Aviv, Israel	Evaluation of river restoration administration in Israel	Oral presentation
Dec. 29-30, 2019	Israel Geographical Association	Haifa, Israel	Optimizing public space illumination in urban areas	Oral presentation

**b. Organization of Conferences or Sessions**

<b>Date</b>	<b>Name of Conference</b>	<b>Place of Conference</b>	<b>Subject of Conference</b>	<b>Role</b>
May 17, 2001	Development and Conservation of Open Spaces in Israel	Haifa Congress Center	Annual conference of the Department of Natural Resources & Environmental Management University of Haifa	Initiator, organizer and chairperson
Jun. 20, 2002	Land Pollution and Remediation in Israel	University of Haifa Department of Natural Resources &	Annual conference of the Department of Natural Resources &	Initiator, organizer and chairperson

<b>Date</b>	<b>Name of Conference</b>	<b>Place of Conference</b>	<b>Subject of Conference</b>	<b>Role</b>
		Environmental Management Faculty of Social Sciences & Mathematics University of Haifa	Environmental Management University of Haifa	
March 8, 2007	The Annual Conference of the Association for Environmental Planning in Israel	Technion, Israel	Nature and planning: Approach, development and conservation	Nature and planning session organizer
May 29, 2007	A study day in the honor of Prof. S. Amir's retirement	Technion Faculty of Architecture and Town Planning		Initiator, organizer and chairperson of the discussion group
Nov. 17-18, 2011	National Parks and Economic Considerations	Technion, Faculty of Architecture and Town Planning	Annual conference	One of the organizers and chairperson
July 8, 2014	Promotion of Sustainable Built Environment	University of Haifa Department of Natural Resources & Environmental Management	A study day	Initiator, organizer and chairperson
April 13, 2016	Sharing Economy in Urban Communities: Processes and Dilemmas	University of Haifa Department of Natural Resources & Environmental Management Faculty of Management	Researchers' seminar	Organizer and one of chairpersons

## 7. Invited Lectures

<b>Year</b>	<b>Place of Lecture</b>	<b>Name of Forum</b>	<b>Subject of Lecture</b>
June 1993	Department of Geography, University of Haifa	Geography graduate students in "Environmental Planning" course	Environmental aspects of Development Plan & Master Plan for the Northern District
May 1996	Faculty of Architecture and Town Planning, Technion	Urban and Regional Planning graduate students in "Social Planning" course	Israel in the path of the developed countries
May 2004	<b>Department of Urban and Environmental Planning, MIT – Massachusetts Institute of Technology, USA</b>	<b>The forum “Pushing for Sustainability”</b>	<b>The role of local and international environmental NGO's in promoting sustainability</b>
Feb. 2010	Continuing education and external students, Technion	Graduate students in engineering	Environmental policy and management

<b>Year</b>	<b>Place of Lecture</b>	<b>Name of Forum</b>	<b>Subject of Lecture</b>
June 2007	Continuing education and external students, Technion	Social activists	Environmental management in Israel
Feb. 2015	Center for Urban and Regional Studies, Technion	Training program for Planners in the Rural sector	The environmental impacts of agriculture; Planning biosphere reserves in Israel
Jan 2020	Continuing education and external students, Technion	Urban Engineering (MUE) graduate students in "Environmental Impact Assessment course"	The Israeli Rivers Restoration Administration: achievements and future challenges

## 8. Colloquium Talks

<b>Date</b>	<b>Name of Forum</b>	<b>Place of Lecture</b>	<b>Presentation</b>
Mar. 2003	Colloquium for Urban and regional planners	Department of Geography, University of Beer-Sheba	The formulation process of nature conservation policy in Israel
Nov. 2003	Colloquium for Urban and regional planners	Department of Urban Studies and Planning MIT - Massachusetts Institute of Technology	The formulation process of nature conservation policy in Israel
Feb. 2004	Colloquium for Urban and regional planners	Department of Urban Studies and Planning MIT - Massachusetts Institute of Technology	Toward sustainable development in Israel
Mar. 2008	Colloquium for Civil Engineers	Faculty of Civil and Environmental Engineering, Technion	Integration of environmental considerations in planning
Jan. 2012	Colloquium for graduate students	Department of Geography and Environmental Studies University of Haifa	Utilization of the underground space in the Israel
Apr. 2012	Colloquium for undergraduate students	Department of Environmental Sciences, Tel Hai College	Planning of open spaces in urban areas
Mar. 2016	Colloquium for graduate students	Department of Geography and Environmental Development, Ben Gurion University of the Negev	Bridging the gaps toward effective incorporation of Landscape Character Assessment approach in land-use planning and management in Israel
May 2018	Colloquium for graduate students	Porter School of Environmental Studies, Tel Aviv University	Developing Israeli standards for smart and sustainable cities
Dec. 2019	Colloquium for graduate students	Porter School of Environmental Studies, Tel Aviv University	The Israeli Rivers Restoration Administration: achievements and future challenges

## 9. Research Grants

### a. Grants Awarded

#### a1. Major Grants

<b>Role in Research</b>	<b>Other Researchers</b>	<b>Title</b>	<b>Funded by</b>	<b>Amount</b>	<b>Years</b>
Co-PI	<b>Co-PIs:</b> S. Fogel, R. Davidovich-Marton	Absorption of 300,000 immigrants in the Galilee: An Employment Plan	The Jewish Agency for Israel, Department for Renewal and Development	85,000\$ Personal grant 10,000\$	1991
Co-PI	<b>Co-PIs:</b> D. Shefer, S. Amir, H. Law-Yone, A. Frenkel	Master plan and development plan for the Northern District	Ministry of the Interior Technion, Center for Urban and Regional Studies	240,000\$ Personal grant 65,000\$	1991 - 1992
Co-PI	<b>Co-PIs:</b> D. Shefer, A. Frenkel	Master Plan for Carmiel	Ministry of the Interior Technion, Center for Urban and Regional Studies Carmiel municipality	150,000\$ Personal grant 43,000\$	1992 - 1993
Co-PI	<b>Co-PIs:</b> A. Mazor and others	Israel 2020 - Master plan for Israel in the 21st century	Technion, Faculty of Architecture and Town Planning, 12 Ministries and National authorities	700,000\$ Personal grant 90,000\$	1993 - 1995
Co-PI	<b>Co-PIs:</b> D. Shefer, A. Frenkel, S. Amir	Master Plan for Upper-Galilee Regional Council	Upper-Galilee Regional Council Technion, Center for Urban and Regional Studies	120,000\$ Personal grant 45,000\$	1994 - 1995
PI	<b>Co-I:</b> Gideon Sarig	Planning of public parks, according to settlement type, population sector, climatic region, and topographic zone	Ministry of Construction and Housing	140,000\$ Personal grant 50,000\$	2005-2012
PI		JNF's Forestation Policy: Transformations and Future Challenges	Jewish National Fund	43,200\$	2005-2007
PI		Evaluation research of "Education Bridge" Project in "Surrounding Kinneret" - Milwaukee, St. Paul & Tulsa, Partnership 2000 Region.	The Jewish Agency for Israel, The Israel Department, "Partnership 2000" Project	20,000\$	2006
PI		Evaluation research of "Partnership 2000 Delegations Projects	The Jewish Agency for Israel, The Israel Department, "Partnership 2000" Project	23,000\$	2007
Co-PI	<b>Co-PIs:</b> Fitelson, Shilo, Jacobson – Architects, Farhi-Zafir Architects	National Planning Scheme for Defense and Development of the Underground Space (no. 40)	Ministry of the Interior	700,000\$ Personal grant 19,000\$	2008-2012

<b>Role in Research</b>	<b>Other Researchers</b>	<b>Title</b>	<b>Funded by</b>	<b>Amount</b>	<b>Years</b>
		Environmental impact of underground space development			
Co-PI	<b>Co-PIs:</b> Fitelson Shilo, Jacobson – Architects	National Planning Scheme for Seawater Desalination Facilities (no. 34/b/2), Environmental impact of seawater desalination facilities	Ministry of the Interior & Water Authority	800,000\$ Personal grant 26,000\$	2009-2014
Co-PI	<b>PI:</b> Avital Gasit, <b>Co-Is:</b> Yuval Sapir, Liav Shalem	Ecological Restoration of unexploited agricultural land	Smaller-Winnikow	20,000\$	2010-2013
Co-PI	<b>Co-PIs:</b> Ofira Ayalon, Mordechai Shechter, Nurit Kliot, Haim Kutiel, Manfred Green, Marcelo Sternberg, Tzipi Eshet	Israeli Climate Change Information Center (ICCIC) – Building local government's resilience for climate change	Ministry of Environmental Protection	600,000\$ Personal grant 10,000\$	2012-2013
PI	<b>Co-I:</b> Uri Ramon	Integrating environmental sensitivity and ecosystem services considerations into spatial planning in Israel	Ministry of Environmental Protection	40,000\$ Personal grant 20,000\$	2013-2015
Co-PI	<b>Co-PIs:</b> Ofira Ayalon, Tzipi Eshet	Sustainable development of marine aquaculture in Israel's Mediterranean sea	Yad Hanadiv Foundation	85,000\$ Personal grant 17,000\$	2014 - 2015
Co-PI	<b>Co-PIs:</b> Ofira Ayalon, Roslana Palatnic <b>Co-I:</b> Ayelet Davidovitch	Financial and economic viability of building green schools, for the consumer and for the Israeli economy	Ministry of Environmental Protection	53,000\$ Personal grant 6,000\$	2015 - 2017
PI	<b>Co-I:</b> Naama Bar-On	Multidimensional evaluation of regional sustainability initiative for Ramat Hanadiv region	Yad Hanadiv Foundation	120,000\$ Personal grant 45,000\$	2015 - 2018
Co-PI	<b>Co-PIs:</b> Ofira Ayalon Avraham Haim Tzipi Eshet	The challenge of sustainability – Production of an online course	Council of Higher Education	95,000\$	2016
Co-PI	<b>Co-PI:</b> Ido Izchaki, Dan Malkinson	Behavioral, demographic and physiological aspects of	The Duchifat Foundation	26,000\$	2016 - 2017

Role in Research	Other Researchers	Title	Funded by	Amount	Years
	<b>Co-I:</b> Yael Choresh	a critically declining population – The case of the Griffon Vulture <i>Gyps fulvus</i> in Israel			
Co-PI	<b>Co-PIs:</b> Dan Malkinson Ido Izchaki <b>Co-I:</b> Yael Choresh	Decline of the <i>Griffon Vulture Gyps Fulvus</i> population in north Israel: Stress and environmental contaminants and their effect on breeding success	<u>Ministry of Science, Technology (MOST)</u>  (C - competitive foundation)	66,000\$	2016 - 2018
Co-PI	<b>Co- PIs:</b> Ofira Ayalon, Tzipi Eshet <b>Co-I:</b> Naama Shapira	Evaluation of river restoration administration in Israel	Yad Hanadiv Foundation	35,000\$	2018-2019
Co-PI	<b>Co-PI:</b> B.A. Portnov	Modelling the perceived quality of public space lighting: an interactive user-oriented approach	<u>Israel Science Foundation (ISF)</u>  (C - competitive foundation)	<b>160,000\$</b>	2018-2021
Co-PI	<b>Co-PI:</b> B.A. Portnov	Optimizing Public Space Illumination in Cities with Residential Participation: A Step Towards Smart and Sustainable Urban Areas in China and Israel	<u>Ministry of Science and Technology (MOST) - CHINA-ISRAEL COOPERATIVE SCIENTIFIC RESEARCH</u>  (C - competitive foundation)	<b>560,000\$ (280,000\$ each side)</b>	2019-2020

## **a2. Other Grants – Up to 15,000 USD**

Role in Research	Other Researchers	Title	Funded by (C – competitive foundation)	Amount	Years
Co-PI	<b>Co-PI:</b> Shaul Amir	Environmental Management in Israel: A survey report	UNEP - Mediterranean Action Plan	10,000\$	1991
PI		Feasibility study for Carmel toll tunnels	Africa – Israel Group	8,000\$	1994
Co-PI	<b>Co-PI:</b> Shaul Amir	Nature Conservation Policy in Israel: Formulation Process, Trends and Future Direction	Jewish National Fund	10,000\$	1998-2000
PI		Nature Conservation Policy in Israel: Formulation Process, Trends, and Future Directions	<u>Israel Foundations Trustees</u>  (C - competitive foundation)	8,000\$	1999-2001

<b>Role in Research</b>	<b>Other Researchers</b>	<b>Title</b>	<b>Funded by (C – competitive foundation)</b>	<b>Amount</b>	<b>Years</b>
PI		JNF's Forestation Policy: Transformations and Future Challenges	Jewish National Fund	2,300\$	2003
PI		JNF's Forestation Policy: Transformations and Future Challenges	Jewish National Fund	12,500\$	2004
PI		Evaluation Research of Community Leadership Plan and of "DOLEV" Plan, in Yokneam – Megiddo, Partnership 2000 Region.	Jewish Agency for Israel, The Israel Department	10,000\$	2004
PI	<b>Co-I:</b> Orna Margalit	Integrating Environmental Principles in National and Regional Planning Schemes in Israel	Mifal Hapais Fund	4,000\$	2006
PI		Integrating Environmental Justice Aspects into Land Use Planning in Israel	S. Langberg Research Fund,	2,000\$	2006
PI		Evaluation research of "Shukran" project in Acre	The Jewish Agency for Israel, The Israel Department, "Partnership 2000" Project	12,000\$	2008
Co-PI	<b>Co-PIs:</b> Ido Izchaki, Dan Malkinson <b>Co-I:</b> Yael Choresh	Behavioral, demographic and physiological aspects of a critically declining population – The case of the Griffon Vulture <i>Gyps fulvus</i> in Israel	Golan Research Institute	11,000\$	2012-2013
PI		Smart and Sustainable Cities Indicators for Israeli Cities	Ministry of National Infrastructures, Energy and Water Resources	10,000\$	2014 - 2015
PI		Management policy of marine sand mining in Israel	Ministry of Environmental Protection	12,000\$	2016
PI		Israel's National Integrated Monitoring and Assessment Programme (IMAP) for Coast and Hydrography indicators	United Nation Environment / MAP, PAP/RAC, EcAp Med II project	6,000 €	2017-2018
PI		Policy for development beach facilities on Israeli coasts.	Ministry of Environmental Protection	15,000\$	2019
PI		Spatial options for future development of heavy industry in Israel	Ministry of Environmental Protection	12,000\$	2020

## 10. Scholarships, Awards and Prizes

Date	Scholarships/Awards/ Prizes
1983-1986	Scholarship from the Hebrew University during B.Sc. studies
1988-1992	Scholarship from the Technion during M.Sc. studies
1998	Distinction Award from Miriam and Aaron Gutwirth Memorial Fellowship for Ph.D. research
2003-2004	Scholarship from the Technion for Post-Doctoral studies
2006	S. Langberg Research Fund – For getting a 'very good' score for research proposal submitted to ISF
* Oct. 2014	'Best Research' award from the Israeli Association of Landscape Architects - For the research: " <b>Trop T.</b> and G. Sarig. Planning of public parks, according to settlement type, population sector, climatic region, and topographic zone"

## 11. Teaching

### a. Courses Taught in Recent Years

Year	Name of Course	Type of Course Lecture/Seminar/ Workshop/High Learn Course/ Introduction Course (Mandatory)	Level	Number of Students
Oct. 2010 – Sep. 2016	Environmental Impact assessment	Seminar (Mandatory)	Graduate course Faculty of Architecture and Town Planning, Technion	20
Oct. 2012 - present	Research Forum	Guided projects (Mandatory)	Natural Resource and Environmental Management Department Faculty of Management University of Haifa	30
Oct. 2012 - present	Environmental Policy Design	Seminar (Mandatory)	Graduate course Natural Resource and Environmental Management Department Faculty of Management University of Haifa	30
Oct. 2013 – Sep. 2014	Environmental Policy and Management	Lecture (Mandatory)	Department of Environmental Sciences Faculty of Science Tel Hai College	35
Oct. 2014 – Sep. 2016	Social impact assessment	Seminar (Mandatory)	Graduate course Faculty of Architecture and Town Planning, Technion	20
Oct. 2013 - present	Environmental Impact assessment	Seminar	Graduate course Natural Resource and Environmental Management Department Faculty of Management University of Haifa	12

Year	Name of Course	Type of Course Lecture/Seminar/ Workshop/High Learn Course/ Introduction Course (Mandatory)	Level	Number of Students
Oct. 2014- present	Environmental Impact assessment	Seminar (Mandatory)	Graduate course Global Green MBA Faculty of Management University of Haifa	21
Oct. 2014 - present	Issues in Local Sustainability	Tutorial	Graduate course Natural Resource and Environmental Management Department Faculty of Management University of Haifa	10
Oct. 2014 - present	Sustainable infrastructure	Seminar (Mandatory)	Graduate course Faculty of Architecture and Town Planning, Technion	20
Oct. 2015 - present	Ecology of the built environment	Seminar (Mandatory)	Graduate course Natural Resource and Environmental Management Department Faculty of Management University of Haifa	9
Feb-May 2018	Using environmental resources as a development leverage	Guided projects	Continuing education course for municipality representatives Natural Resource and Environmental Management Department Faculty of Management University of Haifa	20

**b. Supervision of Graduate Students**

Name of Student	Name of Other Mentors	Title of Thesis	Degree	Date of Completion / in Progress	Students' Achievements
<b>M.Sc. and M.A.</b>					
<b>Gecht Noa</b> Faculty of Architecture and Town Planning, Technion		Characterizing the attitudes of the Israeli public towards nature and nature conservation	M.Sc.	2006	Won faculty award for outstanding M.Sc. Thesis for 2006
<b>Genkin Meirav</b> Faculty of Architecture and Town Planning, Technion		Environmental impact assessment in Israel: The involvement of environmental nongovernmental organizations	M.Sc.	2008	Won Best M.Sc. Thesis award for 2008 from Israel planners' Association; Won faculty award for outstanding M.Sc Thesis in 2008
<b>Margalit Orna</b> Faculty of Architecture and		Integrating environmental principles in national	M.Sc.	2009	Won Best M.Sc. Thesis for 2009 award from

Name of Student	Name of Other Mentors	Title of Thesis	Degree	Date of Completion / in Progress	Students' Achievements
Town Planning, Technion		and regional planning schemes in Israel			Israel planners' Association; Won faculty award for outstanding M.Sc Thesis for 2009
<b>Shalem Liav</b> The Porter School of Environmental Studies Tel Aviv University	Prof. Avital Gasit, Dr. Yuval Sapir	Ecological Restoration of unexploited agricultural land	M.Sc.	2013	
* <b>Rosenfeld Yael</b> Department of Natural Resources & Environmental Management, Faculty of Management, University of Haifa (NREM)	Prof. Avraham Haim	Planning the interface between Haifa's natural valleys and the residential neighborhoods	M.A.	2014	
<b>Eyal-Saldinger Vered</b> (NREM)	Dr. Galia Chanoch-Roe	Street trees in new residential neighborhoods in Israel: integrating knowledge into planning and practice	M.A.	2017	Paper in preparation (see item K7)
<b>Dines Anat</b> (NREM)		The willingness of the Israeli public to reduce plastic products use in the shores	M.A.	Started in 2019. In Progress - Research proposal approved	The proposal won BAZAN scholarship
<b>Gary Steinman</b> (NREM)		A feasibility study of establishing parcel pick-up/drop-off points at large workplaces as a means for addressing the last mile e-tail delivery challenge	Candidate for Supplementary track leading to Ph.D. studies	Started in 2019. In progress - Research proposal approved.	Paper in preparation (see item K3)
<b>Vitali Dubov-Dotan</b> (NREM)		Urban Decay: A methodological framework for defining and addressing abandoned buildings	Candidate for Supplementary track leading to Ph.D. studies	Started in 2020. In Progress - Research proposal in preparation	Paper in preparation (see item K1)
<b>Ph.D.</b>					
<b>Eilam Efrat</b>		Sustainability school programs' impact on	Ph.D.	2010	Won Best Ph.D. Thesis award for 2010 from

Name of Student	Name of Other Mentors	Title of Thesis	Degree	Date of Completion / in Progress	Students' Achievements
Faculty of Architecture and Town Planning, Technion <i>(I supervised this Ph.D thesis alone during the period that I was an assistant professor at the Technion)</i>		communities' acquisition of sustainability literacy			Israel planners' Association; Won faculty award for outstanding Ph.D. Thesis in 2010. 6 papers published (see items D2-D7). Tenure track position from May 2011 at Victoria University, Melbourne Australia
<b>Choresch Yael</b> (NREM)	Prof. Ido Izchaki, Dr. Dan Malkinson	Behavioral, demographic and physiological aspects of a critically declining population – The case of the Griffon Vulture <i>Gyps fulvus</i> in Israel	Ph.D.	Started in 2015 (took 1.5 years of academic leave during her studies due to health problems) - In progress. Research proposal approved.	Paper published (see D14); paper submitted (see item J1) paper in preparation (see item K5)
<b>Shoshany-Tavory Sharon</b> (NREM)	Prof. Yoram Shiftan	Explanatory framework for self-organized ridesharing: forms, patterns, influencing factors and formation dynamics	Ph.D.	Started in 2017. In progress. Research proposal approved.	Paper published (see D14); paper submitted (see item J2); paper in preparation (see item K6)
<b>Postdoc</b>					
<b>Dr. Saad Rami</b> (NREM)	Prof. Boris Portnov	Modelling the perceived quality of public space lighting: an interactive user-oriented approach	Postdoc	Started in 2019. In progress	Joint paper in preparation (see item K2)

c. **Supervision of Graduate Students' Final Research Projects (submitted in Partial Fulfillment of the Requirements for the Master's Degree)**

Name of Students	Title of Project	Date of Completion
Volf, B., G. Ofek, I. Shay, and E. Imbar	Groundwater pollution from trimmed branches.	2001
Ben-Zvi, R., Y. Meir, M. Mansur, and I. Perl	Willingness to pay for recreational activities in the Kishon Park.	2001
Nisim, S., S. Dadon, O. Refaeli, and S. Shtokelman	Visual preferences of visitors of Hula Flooding project.	2002

<b>Name of Students</b>	<b>Title of Project</b>	<b>Date of Completion</b>
Yaakovi, Y. and R. Har-Lavan	Factors influencing the development of iron recycling in Israel	2002
Paor. A., M. Hagagra, and S. Bisan	Alternatives for intensive livestock farming in Arabic settlements	2002
Rotner, H., Raz, N. and Zur, S	Middle out approach for behavior change: The impact of middle actors' intervention at the community level on reducing households' electricity usage.	2013
Soker, I., Egozi, O. and Kipnis, E	Environmental Justice: Examining the correlation between the location of fossil power plants and the socio-economic index of nearby settlements.	2013
Kalif, E., D. Maninger and R. Harel	Quarries restoration policy in Israel: Vered quarry as a case study.	2013
Eliad Y, C. Veis, and N. Langa	Residents' motives for waste recycling as inputs for recycling centers planning.	2014
Ramot, K., H. Maayan-Salomon, and G. Dumnovitch	Influence of social marketing on sustainable behavior of a community; Case Study: Communal Sustainability Project in Maalot – Tarshicha	2014
Rabin, E. and S. Bar-Ilan	Implementing environmental policy in Israel Defense Forces.	2014
Vidan R. and H. Karmon	Valuation of touristic benefits from additional water allocation to wetlands	2015
Gefen L. and S Ochaion	The feasible mix of coal ash uses in Israel	2015
Gal Y. and S. Kalimiashvili	Characterizing the usage patterns of communal gardens in Israel	2016
Abu-Ria, H., O. Malka-Fisher and N. Eyal Telem	Designing a location model for electric car-sharing charging stations in Haifa	2017
Chefez, C. and M. Star	Comparison of car usage patterns between Y and X generations	2017
Gridinger M. and T. Elaad	Willingness to accept small wind turbines in public spaces in Haifa	2017
Ronza Amara	Economic Feasibility of Maintaining a Sustainable Public Garden	2018
Neta Sadikov and Yifat Bodner-Weis	Barriers for developing green roofs on large public buildings in Israel	2018
Idit Shapira and Yafit Brener	Cost-effectiveness analysis of strengthening the Griffon vulture population ( <i>Gyps fulvus</i> ) in Israel: Hand-Rearing Young in Captivity vs. Purchasing Adults From Spain	2019

d. **Miscellaneous**  
**Continuing Education**

<b>Date</b>	<b>Topic</b>	<b>Institution</b>
2008	Sustainable development	Technion
2010	Health impact Assessment	The Heschel Center for Sustainability
2015	Green building	Israeli Green Building Council

# PUBLICATIONS

## **A. Ph.D. Dissertation**

**Title:** Nature conservation policy in Israel: Formulation process, trends, and future directions

**Date of submission:** 2002

**Number of pages:** 397

**Language:** Hebrew

**Name of supervisor:** Prof. Shaul Amir

**University:** Technion, Faculty of Architecture and Town Planning

## **B. Monographs**

1. **Trop, T., D. Czamanski.** 1993. *Estimating Willingness to Pay for the Use of Roads*. Haifa: Technion, Center for Urban and Regional Studies. 196 Pages. (In Hebrew).
2. \* **Trop, T., G. Sarig.** 2012. *A guide for planning public parks, according to settlement type, population sector, climatic region, and topographic zone*. Jerusalem: Ministry of Construction and Housing, Ministry of Environmental Protection, Ministry of Agriculture and Rural Development. 3 Volumes, 362 Pages. (In Hebrew). **Won 'Best Research' award from the Israeli Association of Landscape Architects.**
3. **Trop, T., U. Ramon.** 2015. *Integrating environmental sensitivity and ecosystem services considerations into spatial planning in Israel*. Ministry of Environmental Protection. 130 Pages. (In Hebrew).
4. Ayalon, A. **T. Trop, T. Eshet.** 2015. *Sustainable development of marine aquaculture in Israel's Mediterranean Sea*. Haifa: Samuel Neeman Institute. 142 Pages. (In Hebrew).
5. Ayalon, A., **T. Trop, R. Palatnic, A. Davidovitch.** 2016. *Financial and economic viability of building green schools, for the consumer and for the Israeli economy*. Ministry of Environmental Protection. 92 Pages. (In Hebrew).

## **C. Articles in Refereed Journals**

### **Notes:**

- For joint publications, the order of the listed authors appears according to their relative contribution, unless otherwise specified.
- IF, SJR, Q, R – in the year of publication (unless otherwise specified)
- Ranking – according to ISI-JCR (When noted IF), SCImago (When noted SJR)
- # = student under my supervision

### **Published**

1. Amir, S., A. Frenkel, H. Law-Yone, D. Shefer, **T. Trop** (alphabet order). 1997. Integration of Environmental Assessment into the Regional Development Planning Process of the Galilee. *Journal of Environmental Management* 21(1): 59-68.  
IF (1997)=0.348; R=94/117 (Q4) in Environmental Sciences  
SJR (1999)=0.410; R=28/72 (Q2) in Environmental Engineering, 39/137 (Q2) in Management, Monitoring, Policy and Law, 22/71 (Q2) Waste Management and Disposal,

662/2997 (Q1) in Medicine (miscellaneous) [1999 is the first year the journal was ranked in SCImago]

2. # Eilam, E., **T. Trop**. 2011. A strategy for implementing sustainability education in schools. *Kivunim Academim*. (in Hebrew). (37 p.). Online Refereed Journal; <http://www.mofet.macam.ac.il/ktiva/kivunim/article27/Pages/default.aspx>.
3. # Eilam, E., **T. Trop**. 2011. Methodology for evaluating the influence of school's sustainability education programs on their communities. *Learning and Teaching* 4(2): 37-64. A bi-annual, refereed, international journal.

IF & SJR N/A

4. # Eilam, E., **T. Trop**. 2012. ESD pedagogy - a guide for the perplexed. *Journal of Environmental Education*. 42(1): 43-64.  
IF (2012)=0.923; R=74/219 (Q2) in Education & Educational Research ,67/93 (Q3) in Environmental Studies  
SJR (2012)=0.585; R=84/320 (Q2) in Environmental Science (miscellaneous), 275/1169 (Q2) in Education
5. # Eilam, E., **T. Trop**. 2012. Factors influencing adults' environmental attitudes and behaviors and the role of environmental schools in influencing their communities. *Education and Urban Society*, 46 (2): pp. 234-263.  
IF (2012)=0.373; R=165/219 (Q4) in Education & Educational Research, 34/38 (Q4) in Urban Studies  
SJR (2012)=0.363; R=450/1169 (Q2) in Education, 42/138 (Q2) in Urban Studies
6. # Eilam, E., **T. Trop**. 2012. Environmental attitudes and environmental behavior – Which is the horse and which is the cart? *Sustainability* 2012(4): 2210-2246.  
IF (2013)=1.077; R=61/98 (Q3) in Environmental Studies, 154/216 (Q3) in Environmental Sciences [2013 is the first year the journal was ranked in JCR]  
SJR (2012)=0.463; R=50/239 (Q2) in Renewable Energy, Sustainability and the Environment, 106/277 (Q2) in Management, Monitoring, Policy and Law, 180/675 (Q2) in Geography, Planning and Development
7. \* # Eilam, E., **T. Trop**. 2013. Evaluating school-community participation in developing local sustainability agenda. *International Journal of Environmental and Science Education*, 8(2).  
IF N/A  
SJR (2013)=0.625; R=73/531 (Q1) in Engineering (miscellaneous), 85/320 (Q2) in Environmental Science (miscellaneous), 282/1202 (Q2) in Education
8. **Trop, T**. 2017. From knowledge to action: Bridging the gaps toward effective incorporation of Landscape Character Assessment approach in land-use planning and management in Israel. *Land Use Policy* 61: 220-230.  
IF (2017)=3.194; R=25/109 (Q1) in Environmental Studies  
SJR (2017)=1.348; R=5/162 (Q1) in Forestry, 26/317 (Q1) in Management, Monitoring, Policy and Law, 13/154 (Q1) in Nature and Landscape Conservation, 47/712 (Q1) in Geography, Planning and Development
9. **Trop, T**. 2017. Social impact assessment of rebuilding an urban neighborhood: A case study of a demolition and reconstruction project in Petah Tikva, Israel, *Sustainability*, 9(6), 1076.  
IF (2017)=2.075; R=51/109 (Q2) in Environmental Studies, 3/6 (Q2) in green & sustainable science & technology - SSCI, 121/242 (Q2) in Environmental Sciences, 21/33 (Q3) in Green & Sustainable Science & Technology - SCIE  
SJR (2017)=0.537; R=75/399 (Q3) in Renewable Energy, Sustainability and the Environment, 119/317 (Q2) in Management, Monitoring, Policy and Law, 188/712 (Q2) in Geography, Planning and Development

10. **Trop, T.** 2017. An overview of the management policy for marine sand mining in Israeli Mediterranean shallow waters. 2017. *Ocean and Coastal Management*, 146:77-88.  
IF (2017)=2.276; R=18/64 (Q2) in Oceanography, 26/90 (Q2) in Water Resources, SJR (2017)=0.896; R=50/221 (Q1) in Aquatic Science, 28/152 (Q1) in Oceanography, 64/317 (Q1) in Management, Monitoring, Policy and Law
11. **Trop, T.** 2018. Using Envision™ Rating tool to assess the sustainability of public bike sharing systems: A case study of the Tel-O-Fun project in Tel Aviv-Yafo. *Sustainable Cities and Society* 40: 704-712.  
IF (2018)=4.624; R=6/63 (Q1) in Construction & Building Technology, 10/35 (Q2) in Green & Sustainable Science & Technology - SCIE, 25/103 (Q1) in Energy & Fuels SJR (2018)=1.100; R=45/330 (Q2) in Renewable Energy, Sustainability and the Environment, 43/441 (Q1) in Civil and Structural Engineering, 76/699 (Q1) in Geography, Planning and Development, 25/155 (Q1) in Transportation
12. Palatnik, R., A. Davidovitch, **T. Trop**, O. Ayalon. 2018. Is green feasible? Cost-benefit analysis of building green schools in Israel. *Ecology & Environment* 9(1): 50-57 (in Hebrew).
13. Portnov, A., **T. Trop**, S. Ofek, A. Svechkina, S. Akron, and A. Ghermandi. 2018. Factors affecting homebuyers' willingness to pay green building price premium: Evidence from a nationwide survey in Israel. *Building and Environment*, 137: 280-291.  
SJR (2018)=1.879; R=8/277 (Q1) in Building and Construction, 12/441 (Q1) in Civil and Structural Engineering, 4/184 (Q1) in Environmental Engineering, 23/699 (Q1) in Geography, Planning and Development  
IF (2018)=4.820; R=4/63 (Q1) in Construction & Building Technology, 12/52 (Q1) Engineering, Environmental, 3/132 (Q1) in Engineering, Civil
14. # Choresh, Y., Burg. D., **T. Trop**, D. Malkinson, I. Izhaki. 2018. Long-term Griffon vulture population dynamics at Gamla Nature Reserve. *The Journal of Wildlife Management*, 83(1):135–144.  
IF (2018)=1.881; R=95/165 (Q3) in Ecology, 37/170 (Q1) in Zoology  
SJR (2018)=1.031; R=132/620 (Q1) in Ecology, Evolution, Behavior and Systematics, 67/357 (Q1) in Ecology, 29/148 (Q1) in Nature and Landscape Conservation
15. # Shoshany-Tavory, S., **T. Trop**, Y. Shiftan. 2019. Self-Organized Ridesharing: Multi-Perspective Annotated Review. *International Journal of Sustainable Transportation*.  
IF (2018)=2.586; R=4/6 (Q3) in green & sustainable science & technology - SCIE, 45/116 (Q2) in Environmental Studies, 13/36 (Q2) in Transportation  
SJR (2018)=1.175; R=37/330 (Q1) in Renewable Energy, Sustainability and the Environment, 10/191 (Q1) in Automotive Engineering, 40/441 (Q1) in Civil and Structural Engineering, 15/184 (Q1) in Environmental Engineering, 62/699 (Q1) in Geography, Planning and Development, 19/155 (Q1) in Transportation
16. Svechkina, A., **T. Trop**, B. Portnov. 2020. How much lighting is required to feel safe when walking through the streets at night? *Sustainability* 12, 3133 (1-20).  
SJR (2018)=2.592. R. 105/251 (Q2) in Environmental Sciences.

### **Accepted for Publication**

17. **Trop, T.**, Portnov, B.A., S. Shoshany-Tavory, 2020. Pedestrians' perceptions of and preferences for public space lighting: A systematic literature review. *Journal of Environmental Planning and Management* (Approx. 22 pages)  
IF (2018)=1.855; R=16/41 (Q2) in Development Studies, 27/39 (Q3) Regional & Urban Planning

SJR (2018)=0.721; R=15/119 (Q1) in Fluid Flow and Transfer Processes, 78/337 (Q2) in Environmental Science (miscellaneous), 106/308 (Q2) in Management, Monitoring, Policy and Law, 58/266 (Q1) in Water Science and Technology, 144/699 (Q1) in Geography, Planning and Development

18. **Trop, T.**, # N. Barot. 2019. Age- and gender-dependent perceptions of urban street characteristics and willingness to walk in daylight: evidence from a large scope survey in Israel. Submitted to *Environment and Behavior*. (Approx. 17 pages)  
IF (2018)=4.093; R=19/116 (Q1) in Environmental Studies, 13/137 (Q1) in Psychology, multidisciplinary  
SJR (2018)=1.451; R=30/337 (Q1) in Environmental Science (miscellaneous)

## **D. Articles or Chapters in Scientific Books**

### **Published**

#### **Chapters in Text Books (Refereed)**

1. **Trop, T.** 2011. Introduction to spatial development and planning. *The spatial development and planning: Geography and environmental development textbook for high schools*. Tel Aviv: CET – The Center for Educational Technology, The Ministry of Education. (In Hebrew). 21 pages.
2. **Trop, T.** 2011. The urbanization process in the world. *The spatial development and planning: Geography and environmental development textbook for high schools*. Tel Aviv: CET – The Center for Educational Technology, The Ministry of Education. (In Hebrew). 14 pages.
3. **Trop, T.** 2011. The policy of development and planning of rural regions. *The spatial development and planning: Geography and environmental development textbook for high schools*. Tel Aviv: CET – The Center for Educational Technology, The Ministry of Education. (In Hebrew). 16 pages.
4. **Trop, T.** 2011. Sustainable development processes. *The spatial development and planning: Geography and environmental development textbook for high schools*. Tel Aviv: CET – The Center for Educational Technology, The Ministry of Education. (In Hebrew). 13 pages.

## **E. Articles in Conference Proceedings**

### **Published**

1. Amir, S., **T. Trop**. 1998. A Tool for Implementation of Landscape Conservation Policy in Israel. In: Richling, A., J. Lechnio and E. Malinowska (eds.) *Landscape Transformation in Europe: Practical and Theoretical Aspects*. The Problems of Landscape Ecology 3:321-330. Poland: IALE and Warsaw University Press.
2. **Trop, T.**, S. Amir. 1999. A Model for Environmental Policy Research. In: Kovar, P. (ed.) *Nature and Culture in Landscape Ecology: Experiences for the 3<sup>rd</sup> Millenium*,. Prague, Czech Republic: CZ-IALE and Karolinum Press. 367-377.
3. **Trop, T.** 2003. Principal approaches to nature conservation: Lessons from international experience. In: *Landscape Planning in the Era of Globalization*. Slovenia: University of Ljubljana. 241-247.
4. **Trop, T.** 2015. Assessing sustainability of bike sharing projects using Envision rating system. In: 17<sup>th</sup> International Conference on People, Ecosystems and Built Environment. *World Academy of Science, Engineering and Technology (WASET)*, Article 1199, 37-44. Paris, France.

5. **Trop, T.** 2016. Towards climate-resilient cities in Israel: local planning and building measures. *World Conference on Climate Change*, Valencia, Spain. *Journal of Earth Sciences and Climate Change*, 7(9): 99-100.
6. **Trop, T.** 2017. Bridging the gaps toward effective incorporation of Landscape Character Assessment approach in land-use planning and management in Israel. *The 279th International Conference on Natural Science and Environment*, Tokyo, Japan. *World Academy of Science, Engineering and Technology (WASET)*, Article 1412, 105-108.

## **F. Entries in Encyclopedias**

none

## **G. Other Scientific Publications**

### **Articles**

1. Ayalon, O., H. Kutiel, N. Kleot, M. Green, M. Sterenberg, G. Capeluto, **T. Trop**, A. Soffer, M. Sechter, Z. Eshet. 2014. Adaptation to Climate Change in Israel. *Israel Environmental Bulletin* 40:14-19. Israel Ministry of Environmental Protection.
2. Choresh, Y, D, Burg, **T. Trop**, I. Izchaki, D. Malkinson. 2015. Vultures under threat. *Zavit*. (October) The Israel Society of Ecology and Environmental Sciences. (In Hebrew).
3. **Trop, T.**, O. Ayalon, Z. Eshet, N. Shapira. 2020. River restoration administration in Israel: Achievements and future challenges. *Handast Mayim* 124(1): 37-39 (in Hebrew).

### **Research Reports**

1. Amir, S., **T. Trop**. 1991. *Environmental Management in Israel: A Survey Report*. Prepared for UNEP - Mediterranean Action Plan. Haifa: Technion. 48 pages. (In English).
2. **Trop, T.** 1994. *Carmel Toll Tunnels: Feasibility Study*. Africa-Israel Group. 32 pages. (In Hebrew).
3. Mazor, A., **T. Trop**. (eds.). 1994. Spatial Alternatives for Israel in the 21<sup>st</sup> Century. "Israel 2020" - *Master Plan for Israel in the 21<sup>st</sup> Century*. Stage 2, Report 21. Haifa: Technion. 125 pages. (In Hebrew).
4. **Trop, T.** (ed.). 1995. "Israel 2020" - *Master Plan for Israel in the 21<sup>st</sup> Century*. Stage 2, 8 reports, 762 pages. Haifa: Technion. (In Hebrew).
5. Mazor, A., **T. Trop**, Y. Bargur. 1996. Israel in the Path of the Developed Countries. Macro Scenarios for "Israel 2020". "Israel 2020" - *Master Plan for Israel in the 21<sup>st</sup> Century*. Haifa: Technion. 89 pages. (In Hebrew).
6. **Trop, T.** 2004. *Evaluation of Community Leadership Plan in Yokneam – Megiddo*. The Jewish Agency for Israel, The Israel Department, "Partnership 2000" Project. 68 pages. (In Hebrew and in English).
7. **Trop, T.** 2004. *Evaluation of DOLEV Plan in Yokneam – Megiddo*. The Jewish Agency for Israel, The Israel Department, "Partnership 2000" Project. 70 pages. (In Hebrew and in English).
8. **Trop, T.** 2006. Evaluation of "Education Bridge" Project in "Surrounding Kinneret" - *Milwaukee, St. Paul & Tulsa, Partnership 2000 Region*. The Jewish Agency for Israel, The Israel Department, "Partnership 2000" Project. 87 pages (In Hebrew and in English).

9. **Trop, T.** 2007. *Evaluation of "Partnership 2000 Delegations Projects*. The Jewish Agency for Israel, The Israel Department, "Partnership 2000" Project. 68 pages (In Hebrew and in English).
10. **Trop, T.** 2008. *Evaluation of "Shukran" project in Acre*. The Jewish Agency for Israel, The Israel Department, "Partnership 2000" Project. 45 pages (In Hebrew and in English).
11. **Trop, T.** 2009. Environmental impacts of underground construction. *National Planning Scheme for Defense and Development of the Underground Space (no. 40)*. 61 Pages (In Hebrew).
12. # Eilam, E. and **T. Trop**. 2011. *Evaluating the influence of environmental schools on their communities: A framework for evaluation within complex systems*. Saarbrücken, Germany: Lambert Academic Publishing. (391 p.)
13. **Trop, T.** 2014. Environmental impacts of seawater desalination plants. *National Planning Scheme for Seawater Desalination Facilities (no. 34/b/2)*. 52 pages (In Hebrew).
14. **Trop, T.** 2015. *Smart and Sustainable Cities Indicators and Feasible Projects for Israeli Cities*. Ministry of Infrastructure, Energy and Water. 35 pages (In Hebrew).
15. **Trop, T.** 2015. *Management policy of marine sand extraction in Israel*. Ministry of Environmental Protection. 15 pages (In Hebrew).
16. **Trop, T.** 2016. *Towards zero waste to landfills: What can we learn from the European experience?* Ministry of Environmental Protection. 14 pages (In Hebrew).
17. **Trop, T.** 2017. *Israel's National Integrated Monitoring and Assessment Programme (IMAP) for Coast and Hydrography indicators*. United Nation Environment / MAP, PAP/RAC, EcAp Med II project, Israel Ministry of Environmental Protection, Marine Environment Protection Division. 40 pages (In English).
18. **T. Trop.** 2019. *Beach facilities on Israeli coasts: environmental impacts and planning instructions*. Ministry of Environmental Protection. 41 pages (In Hebrew).
19. Ayalon, O., **T. Trop**, T., Eshet, N. Shapira. 2020. *Evaluation of river restoration administration in Israel*. Yad Hanadiv Foundation. 182 pages (In Hebrew).

### **Chapters in Research Reports (In Hebrew)**

1. Carmon, N., **T. Trop**. 1993. Welfare and distress in the Israeli society - Changing trends and their implications for planning. *In: A Socially Focused Alternative. "Israel 2020" - Master Plan for Israel in the 21<sup>st</sup> Century*. Stage 2, Report 9. Haifa: Technion. 40 Pages.
2. **Trop, T.**, Carmon, N. 1996. Population, Education, and Man-Power in Israel in the 21<sup>st</sup> Century: Trends and Forecasts. *In: The Range of Options: A Socially Focused Alternative, "Israel 2020" - Master Plan for Israel in the 21<sup>st</sup> Century*. Haifa: Technion. Pp 17-62.
3. **Trop, T.** 2013. Local authorities' adaptation to climate change in the area of urban planning and development. *In: O. Ayalon, H. Kutiel, O. Karo, N. Kleot, M. Green, M. Sterenberg, K. Golodiaz, T. Trop, Z. Eshet. Local authorities' adaptation to climate change*. ICCIC - Israel Climate Change Information Center. Haifa: University of Haifa. Pp 99-124.

### **Plans and Policy Papers**

1. Shefer, D., S, Amir, H. Law-Yone, A. Frenkel, **T. Trop**. 1992. *Master Plan and Development Plan for the Northern District*. Haifa: Technion, Center for Urban and Regional Studies. 2 Volumes, 759 Pages (In Hebrew).
2. Shefer, D., A. Frenkel, **T. Trop**. 1993. *Master Plan for Carmiel: Economic and Social Planning*. Haifa: Technion, Center for Urban and Regional Studies. 51 Pages (In Hebrew).

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