

June, 2014

CURRICULUM VITAE

Full name: Daniel Eli Orenstein
Identity No.: 311730204
Place of birth: Los Angeles, California, USA
Address: 32 Ruth St. Haifa, 34404
Telephone: 04-8360576

1. EDUCATION

- 2006 Ph.D. Interdisciplinary Graduate Studies (Environmental Studies), Brown University, Providence, Rhode Island. Dissertation committee: Steven Hamburg (chair), Brian O'Neill, John Mustard, Michael White
- 1996 M.Sc. Ecology (with honors), Ben Gurion University of the Negev, Beer Sheva, Israel. Thesis committee: Moshe Shachak, Bertrand Boeken
- 1992 B.Sc. Environmental Biology and Management (with honors), University of California, Davis, California

2. APPOINTMENTS

2.1 Academic

- Since 2011 Assistant Professor, Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology, Haifa, Israel
- 2008–2011 Adjunct lecturer, Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology, Haifa, Israel
- 2007–2009 Post Doctoral Fellow, Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology, Haifa, Israel
- 2006–2007 &
- 2008–2009 Visiting Research Fellow, Watson Institute for International Policy, Brown University, Providence, RI

2.2 Professional

- 2006–2007 Science and policy fellow, Coalition on Environment in Jewish Life, New York, NY
- 1999–2001 &
- 2007–2011 Faculty member, Arava Institute for Environmental Studies, Kibbutz Ketura, Israel

3. TEACHING

3.1 Courses taught (last 3 years)

Ecological Principles for Planners (undergraduate level), Technion – Israel Institute of Technology (winter 2012, 2013)

Ecological issues in the Israeli Landscape (graduate level), Technion – Israel Institute of Technology (spring 2012, 2013, 2014)

Environmental Policy (graduate level), Technion – Israel Institute of Technology (spring 2011, 2012, 2013, 2014)

Introduction to Environmental Processes and Resources (graduate level), Technion – Israel Institute of Technology (fall 2011, 2012, 2013)

3.2 Graduate students:

3.2.1 Completed

MSc theses

- 2009 - 2013 Abra Berkowitz, M.Sc. student (Ben Gurion University). "Reconciling conflicting planning paradigms: The case of Israeli spatial planners in the Negev." Joint supervision with Dr. Sarab Abu-Rabia-Queeder.
- 2008 - 2012 Ofer Arnon, M.Sc. student (Ben Gurion University). "Spatial distribution of homesteads in the Central Negev and its implications on landscape ecological indicators." Joint supervision with Prof. Pua Bar and Prof. Alon Tal.

3.2.2 In progress

MSc theses

- Since 2012 Aviva Shmila-Vdai, M.Sc. student (Technion), "Public participation and integrating stakeholders in the establishment and management of Biosphere Reserves in Israel: research assessment." Joint supervision with Prof. Shamai Assif
- Since 2012 Leyron Shachaf, M.Sc. student (Technion), "The Contribution of Environment Impact Statements to Incorporation of Wildlife Passages in Highway Planning in Israel." Joint supervision with Prof. (emeritus) Shaul Amir.
- Since 2013 Roy Zaidenberg, M.Sc. student (Technion), "Stakeholder Mapping and Ecosystem Services Perception Gaps in the Southern Dead Sea Region." Joint supervision with Assoc. Prof. Amnon Frenkel.
- Since 2013 Zohar Zafon, M.Sc. student (Technion), "Can landscape characteristics represent biodiversity as an indicator of ecological value?" Joint supervision with Assoc. Prof. Yohay Carmel.
- Since 2013 Lihi Golan, M.Sc. student (Technion), "Evaluation of the planning process for Biosphere reserves in Israel." Joint supervision with Assistant Prof. Pnina Plaut.
- Since 2013 Adi Noy, M.Sc. student (Technion), "The Desert Landscape Architecture of Shlomo Aronson: Theory and Practice." Joint supervision with Assoc. Prof. Nurit Lissovsky

3.4 Post-doctoral fellows supervised

- Since 2013 Hagit Zimroni. "The use of full-immersion visualization for assessing stakeholder perceptions of ecosystem services in the Carmel Forest"

4. RESEARCH

My research focuses on four inter-related themes: Ecosystem Services assessment, particularly social assessments and integrative, interdisciplinary analyses; The impact of population growth on urban spatial development; Population-environment policy history and discourse and; Urban sprawl and growth management policy

- 2014 Bekat HaNadiv as a model for regional sustainability. 143,000 NIS. Yad HaNadiv. (With Prof. Shamay Assif and Dr. Dalit Shach-Pinsley)
- 2013-2015 The use of full-immersion visualization for assessing stakeholder perceptions of ecosystem services in the Carmel Forest. 150,000 NIS, Israel Ministry of Environmental Protection. (With Dr. Efrat Eisenberg)
- 2013-2015 Ecosystem services assessment from the mountain to the sea: A multidisciplinary method for defining ecosystem service indicators across landscape units. 150,000 NIS. Israel Ministry of Environmental Protection. (With Dr. Michelle Portman and Prof. Tally Katz-Gerro)
- 2012 Ecosystem Service Social Assessments in Extremes Environments, 1850 Euro, Interact
- 2011-2013 Planning for the future in Kikar-Sdom. 83,000 NIS. The Dead Sea – Arava Science Center.
- 2011-2012 Prevention and Restoration Actions to Combat Desertification. 10,000 NIS. The Israel Soil Conservation Service.
- 2010–2011 Valuing ecosystem services through a multi-national, multi-cultural lens. 30,000 NIS. The Ministry of Regional Cooperation via the Arava Institute for Environmental Studies.
- 2008–2009 The ecological impact of single family homesteads in Israel's Negev Desert. 75,000 NIS. The Ministry of Environmental Protection via Ben Gurion University. (With Dr. Elli Groner and Prof. Alon Tal)

6. PUBLICATIONS

6.1 Books and Special Issues

- 2013 Orenstein, D.E., Miller, C. and A. Tal (eds.). 2013. Between Ruin and Restoration: Selected Essays in Israeli Environmental History. University of Pittsburgh Press. Pittsburg, PA.

6.2 Theses

- 1997 M.Sc. Thesis. "The impact of leaf litter on ecosystem flows in a semi-arid environment", Mitrani Center for Desert Ecology, Ben Gurion University of the Negev (1996). Supervisors: Prof. Moshe Shachak and Dr. Bertrand Boeken.
- 2006 Ph.D. Dissertation "The Drivers and Ecological Outcomes of Land Use/Land Cover Change in Israel", Interdisciplinary special studies degree through the Graduate School, Brown University (2006). Dissertation committee: Steven Hamburg (chair), John Mustard, Brian O'Neill, Michael White

6.3 Refereed publications (journals)

- 2014 **Orenstein, D.E.** and E. Groner. 2014. In the Eye of the Stakeholder: Changes in Perceptions of Ecosystem Services across an International Border. Ecosystem Services. 8(2014):185-196.
- 2014 Dick, J.M., Al-Assaf, A., Andrews, C., Díaz-Delgado, R., Groner, E., Halada, L., Izakovicova, Z., Kertész, M., Khoury, F., Krašić, D., Krauze, K., Matteucci, G., Melecis, V., Mirtl, M., **Orenstein, D.E.**, Preda, E., Santos-Reis, M., Smith, R.I., Vadineanu, A., Veselić, S., Vihervaara, P. 2014. Ecosystem Services: a Rapid Assessment Method Tested at 35 sites of the LTER-Europe Network. Ekologia. *In print*.
- 2014 **Orenstein, D.E.**, A. Frankel and F. Jahshan. 2014. Methodology Matters: Measuring Urban Spatial Development Using Alternative Methodologies. Environment and Planning: B. 41(1):3-23.
- 2013 Sagie, H., Y. Rofè, A. Morris, **D.E. Orenstein**, and E. Groner. 2013. Cross-Cultural Perceptions of Ecosystem Services: A Social Inquiry on Both Sides of the Israeli-Jordanian Border of the Southern Arava Valley Desert. Journal of Arid Environments. 97:1-11.
- 2012 Groner, E., **D.E. Orenstein**, O. Lihod, W. Muithui, O. Arnon and A. Tal. 2012. The Impact of Homesteads in the Negev on Local Biodiversity. Ecology and Environment. 3(4):320-329. (*in Hebrew*)
- 2012 **Orenstein, D.E.**, E. Groner, E. Argaman, B. Boeken, Y. Preisler, M. Shachak, E. D. Ungar and E. Zaady. 2012. An Ecosystem Services Inventory: Lessons from the Northern Negev Long-Term Social Ecological Research (LTSER) Platform. Geography Research Forum. 32:96-118.
- 2012 Sagie, H., **D.E. Orenstein**, E. Groner, M. Strom, A. Morris and Y. Rofè. 2012. Trans-border perceptions of ecosystem services: A social inquiry in the Southern Arava Valley. Ecology and Environment. 3(1):22-31. (*in Hebrew*).
- 2012 Frankel, A. and **D.E. Orenstein**. 2012. Can Urban Growth Management Work in an Era of Economic and Political Change? Lessons from Israel. Journal of the American Planning Association. 78(1):16-33. *Equal contribution of both authors*.
- 2011 **Orenstein, D.E.**, B. Bradley, J. Albert, J. Mustard, and S.P. Hamburg. 2011. The Truth is in the Data? Comparative Methodologies for Monitoring Urban Development in Israel. International Journal of Remote Sensing. 32(9):2621-2644.
- 2011 **Orenstein, D.E.**, L. Jiang, and S.P. Hamburg. 2011. An Elephant in the Planning Room: Political-Demography and its Influence on Sustainable Land Use Planning in Drylands. Journal of Arid Environments. 75(6):596-611.
- 2011 Collins, S., S.R. Carpenter, S.M. Swinton, T.L. Gragson, **D.E. Orenstein**, N.B. Grimm, J.M. Grove, S. L. Harlan, A.K. Knapp, G.P. Kofinas, J.J. Magnuson, W.H. McDowell, J.M. Melack, L.A. Ogden, G.P. Robertson, M.D. Smith, A.C. Whitmer. 2011. An Integrated Conceptual Framework for Social Ecological Research. Frontiers in Ecology and the Environment. 9(6): 351-357.

- 2010 **Orenstein, D.E.**, and S.P. Hamburg. 2010. Population and Pavement: Population Growth and Land Development in Israel. Population and Environment. 31(4):223-254.
- 2009 **Orenstein, D.E.** and S.P. Hamburg. 2009. To Populate or Preserve? Competing Political-Demographic and Environmental Paradigms in Israeli Land Use Planning. Land Use Policy. 26(4):984-1000.
- 2004 **Orenstein, D.E.** 2004. Population Growth and Environmental Impact: Ideology and Academic Discourse in Israel. Population and Environment. 26(1):41-60.
- 2001 Boeken B. and **D. Orenstein**. 2001. The Effect of Plant Litter on ecosystem properties in a Mediterranean semi-arid shrubland. Journal of Vegetation Science. 12:825-832.
- 1999 **Orenstein, D.**, B. Boeken and M. Shachak. 1999. The Impact of Litter on Ecosystem Processes in Shrublands. Ecology and Environment. 5(2-3):106-111. (*In Hebrew*).

6.4 Refereed publications (conference proceedings)

- 2013 Orenstein, D.E. and E. Groner. July, 2013. Multicultural Assessment of Ecosystem Services across an International Border. Joint AESOP-ACSP Congress Dublin 2013. Dublin, Ireland.
- 2009 Orenstein, D.E. and A. Frankel. Assessing Urban Growth Management Policies: The Case of Israel's Sharon Region. May, 2009. Eilat 2009 FIG Working Week – The Role of Surveyors in Accelerated Development. Eilat, Israel.
- 2005 Orenstein, D.E. and S.P. Hamburg. Losing Ground: The Interaction among Demography, Land-Use Policy, Ethnic Conflict and Environment in Israel. April, 2005. Population Association of America (PAA) Annual Meeting. Philadelphia, PA. (With S.P. Hamburg).
- 2005 Orenstein, D.E., J. Albert, S. Alatout, Y. Garb, S.P. Hamburg, K. Rishmawi and S. Schoenfeld. The Middle East Environmental Futures Project – Theoretical and Methodological Challenges for a Trans-border Research Initiative. January, 2005. Border Regions in Transition (BRIT VII) Conference. Jerusalem, Israel.
- 2004 Orenstein, D.E. Population Growth and Environmental Impact: Ideology and Academic Discourse in Israel. December, 2004. Middle East Environmental Futures Conference on Israeli and Palestinian Environmental Narratives. York University. Toronto, Canada.
- 2004 Orenstein, D.E. Population Growth and Environmental Impact: Ideology and Academic Discourse in Israel. May, 2004. Young scholars' conference on "Environmental Politics: Transatlantic Perspectives." German Historical Institute. Washington D.C.
- 2004 Orenstein, D.E., J. Albert, and S.P. Hamburg. Controlling Development – the On-and-Off Connection between Demographic Change and Land Use/Cover Change in Israel: 1948-2002. April, 2004. Population Association of America (PAA) Annual Meeting. Boston, Mass.

6.5 Refereed book chapters

- 2014 **Orenstein, D.E.** and E. Groner. *In press*. Using the ecosystem services framework in a long-term socio-ecological research platform: Lessons from the Wadi Araba desert. In: Rozzi, R., Pickett, S.T.A., Callicott, J.B., Chapin, F.S., Power, M.E. and Armesto, J.J. (eds): *Earth Stewardship: Linking Ecology and Ethics in Theory and Practice*. Springer. Dordrecht, Germany.
- 2013 **Orenstein, D.E.** 2013. Zionist and Israeli Perspectives on Population Growth and Environmental Impact in Palestine/Israel. Pp. 82-105 in: Orenstein, D.E., Miller, C. and A. Tal (eds.), *Between Ruin and Restoration: Chapters in Israeli Environmental History*. University of Pittsburg Press. Pittsburg, PA.
- 2013 **Orenstein, D.E.** and E. Silverman. 2013. An Environmental Movement: New Forms of Expression. Pp. 357-382 in: Orenstein, D.E., Miller, C. and A. Tal (eds.), *Between Ruin and Restoration: Chapters in Israeli Environmental History*. University of Pittsburg Press. Pittsburg, PA.
- 2013 Mirtl, M., **D.E. Orenstein**, M. Wildenberg, J. Peterseil, M. Frenzel, and E. Furman. 2013. Challenges and experiences in implementing place-based Long-Term Socio-Ecological Research in LTER-Europe. In: Singh, S.J., H. Haberl, M. Chertow, M. Mirtl, M. Schmid (eds): *Long-term socio-ecological research: Studies in society-nature interactions across spatial and temporal scales*. Springer. Heidelberg, Germany.
- 2011 Frenkel, A. and **D.E. Orenstein**. 2011. A Pluralistic Approach to Defining and Measuring Urban Sprawl. In: Yang, X. (ed.), *Urban Remote Sensing*. John Wiley. Hoboken, NJ.

6.6 Book reviews

- 2009 "What are we doing here?" Book Reviews. "The Accidental Zionist" by Ian Pear and "Can I Bring My Own Gun" by Seth Freedman. Ha'aretz. July 3.
- 2008 "What do we do now?" Book Review. Three self-help greening guides by assorted authors. Ha'aretz. August 1.
- 2008 "Nuclear Born Again." Book Review. "The Power to Save the World: The Truth About Nuclear Energy," by Gwyneth Cravens. Ha'aretz. April 4.
- 2007 "Get your kicks on route... 90?" Book Review. "A Crack in the Earth," by Haim Watzman. Ha'aretz. September 4.
- 2007 "Judaism's Green Roots." Book Review. "The Way Into Judaism and the Environment," by Jeremy Benstein. The Jewish Daily Forward. June 1.
- 2006 "Reading the Landscape." Book Review. "The Natural History of the Bible," by Daniel Hillel. The Jerusalem Report. April 3.
- 2001 "Class Historian." Book Review. "Generation Exodus," by Walter Laqueur. The Jerusalem Report. October 22.
- 2001 "Fitting the Pieces Together." Book Review. "A Jewish Archive from Old Cairo," by Stefan Reif. The Jerusalem Report. March 12.

- 2000 "From a Distance." Book Review. "The Changing Land between the Jordan and the Sea," by Benjamin Kedar. The Jerusalem Report. January 3.
- 1999 "When Strength and Faith Sufficed." Book Review. "Crying for Imma: Battling for the Soul on the Golan Heights," by Hallie Lerman. The Jerusalem Report. August 30.
- 1993 "A View from the Ivory Tower." Book Review. "Beta Israel (Falasha) in Ethiopia," by Steven Kaplan. The Jerusalem Report. March 11.

6.7 Case reports

- 2014 Orenstein, D.E., R. Zaidenberg, A. Gottlieb, H. Ginat, C. Cohen and G. Ben Natan. Planning for the Future in Kikar Sedom. Israel Ministry of Science, Jerusalem.
- 2011 Orenstein, D.E., A. Al-Assaf, H. Sagi, O. Suleiman, M. Strom, E. Groner and A. Morris. Valuing ecosystem services through a multi-cultural lens: A bi-national comparison of public perceptions. Israel Ministry of Science, Jerusalem.
- 2011 Groner, E., M. Shachak and D. Orenstein. Long-term Socio-ecological Research (LTSER) Platforms in Israel. March, 2011. Chapter in "LTER: A History of its establishment in Israel and the World" by E. Groner and M. Shachak. Published by LTER-Israel. (In Hebrew).
- 2009 Orenstein, D.E., A. Tal, E. Groner, E. Karkovski, O. Arnon, W. Muithui and O. Lihod. The ecological impacts of homesteads in the Central Negev. November, 2009. . Israel Ministry of Environmental Protection, Jerusalem.
- 2009 Orenstein, D.E., M. Frenzel and A. Neuner. Long-Term Socio-Ecological Research (LTSER) Best Practices Guide. May, 2009. A guide for the establishment of new LTSER platforms in Europe, summarizing the results of a workshop in Sumava, Czech Republic, in February, 2009 under the auspices of LTER-Europe.
- 1999 Orenstein, D.E. Israel's most pressing environmental problems. December, 1999. Background paper prepared for the Jerusalem Institute for Policy Studies initiation of their environmental policy research program.

6.8 Writings in popular newspapers and other publications

- 2014 Moss, B., Bidoglio, G., Piertowsky, R., Breil, P., Bourgeron, P., Cullmann, J., Arduino, G., Jasser, I., Magnuszewski, A., **Orenstein, D.**, Piper, G., Ratajski, S., Wagner, I., Xia, J., and Zalewski, M., 2014. International Symposium on Ecohydrology, Biotechnology and Engineering: Towards Harmony between the Biogeosphere and Society on the basis of Long-Term Ecosystem Research, September 17 – 19, Łódź, Poland. [Ecohydrology and Hydrobiology](#).
- 2013 "More than Language is Needed in Valuing Ecosystem Services." Letters. [BioScience](#). 63(12):913
- 2012 "Obit for the Sand Dunes?" Op-Ed. Ha'aretz. February 3.
- 2011 "Is Gas Really Greener?" Op-Ed. Ha'aretz. September 16.

- 2011 "Taking back the Boulevard." Op-Ed. Ha'aretz, August 12.
- 2010 "When Fire is an Abnormal Event" Op-Ed. Ha'aretz. December 10.
- 2010 "Defending the Home Front." Op-Ed. Ha'aretz. October 1.
- 2010 "For sale: Earthquake safety." Op-Ed. Ha'aretz. February 19.
- 2008 "Of Wars and Wildflowers in the Middle East." Op-Ed. Providence Journal. November 25. Reprinted in Middle East Wildlife News 3(4). March, 2009
- 2008 "What's in a Name?" Op-Ed. Ha'aretz. September 5.
- 2008 "We Changed Our Minds." Op-Ed. Ha'aretz. May 9.
- 2008 "Not in it for the Money." Op-Ed. Ha'aretz. January 26.
- 2007 "When Low-Tech will do the Trick." Op-Ed. Ha'aretz. December 28.
- 2007 "The City's Big Green Secret." Op-Ed. Ha'aretz. December 14.
- 2007 "One Privatized World." Op-Ed. Ha'aretz. October 12.
- 2007 "When an 'Ecological' Community is not." Op-Ed. Ha'aretz. March 25.
- 2007 "A local actor: A global difference." Profile of Dr. Reuven Yosef. Winter/Spring. Watershed: Brown/RISD Journal of Environment and Culture. 3(2): 20-25.
- 2006 "Become a 'light' among the nations." Op-Ed. The Providence Jewish Voice and Herald. November 10.
- 2006 "The Green Party Errs on Divestment." Op-Ed. The Providence Jewish Voice and Herald. January 20.
- 2005 "A Black Day for the American Green Party." Op-Ed. The Jerusalem Post. December 11.
- 2005 "The JNF's Assault on the Negev" (with Steven Hamburg). Op-Ed. The Jerusalem Report. November 15.
- 2005 "A Contentious Landscape." Op-Ed. The Jerusalem Report. April 18.
- 2004 "The Vanishing Land." Op-Ed. The Jerusalem Report. April 5.
- 2003 "Comic Relief." Radio diary on WBUR public radio's "On Point." October 8.
- 2002 "Is there a need for change in the Jewish National Fund's environmental policy?" Op-Ed. The Jerusalem Report. March 11.
- 2001 "The Other Demographic Problem." Op-Ed. The Jerusalem Report. August 27.

7. CONFERENCES

7.1 Plenary/invited talks

- 2013 Orenstein, D.E. Site, Network, Platform: Evolution of LTER, Northern Negev, Israel. LTER Europe Annual Conference, 2013. CNR – National Research Council, Rome, Italy.

7.2 Presentations (giving papers)

- 2013 Orenstein, D.E. Can we talk about Population Growth now? The History of the scientific-political-social Discourse on Population and Environment in Israel.

- October, 2013. Annual Conference of the Israel Society of Ecology and Environmental Sciences (ISEES). The Hebrew University, Rehovot.
- 2013 Orenstein, D.E. and S. Gilad. *Between Science and Ideology: Perspectives on Desertification and Afforestation in the Northern Negev*. October 2013. Annual Conference of the Israel Society of Ecology and Environmental Sciences (ISEES). The Hebrew University, Rehovot.
- 2013 Orenstein, D.E. and E. Groner. *Multicultural Assessment of Ecosystem Services across an International Border*. Ecohydrology, Biotechnology and Engineering Symposium. September, 2013. European Regional Centre for Ecohydrology under the auspices of UNESCO. Lodz, Poland.
- 2012 Orenstein, D.E., E. Groner, E. Argaman, B. Boeken, Y. Preisler, M. Shachak, E. D. Ungar and E. Zaady. *An Ecosystem Services Inventory: Lessons from the Northern Negev Long-Term Social Ecological Research (LTSER) Platform*. Drylands, Deserts and Desertification Conference, Ben Gurion University.
- 2012 *Between Science and Ideology: Perspectives on Desertification and Afforestation in the Northern Negev*. October 2012. Annual Conference of the Israel Society of Ecology and Environmental Sciences (ISEES). Tel Aviv University.
- 2012 *Convergence or Convenience? The Historical Relationship between the Social and Environmental Movements in Israel*. March, 2012. Annual Conference of the American Society for Environmental History. Madison, WI.
- 2011 *Sustainability Challenges – Lessons from Israel*. July, 2011. Empowering Sustainability on Earth, Summer Seminar Series. Department of Social Ecology. University of California, Irvine.
- 2011 *What can we learn from stakeholders about ecosystem services?* June, 2011. The 39th annual conference of the Israel Society of Ecology and Environmental Sciences (ISEES). Megiddo Regional Council, Israel. (With H. Sagi, A. Morris, M. Strom and E. Groner).
- 2010 *The Meaning of Environment in My Academic Discipline*. June, 2010. 13th Biennial Jerusalem Conference in Canadian Studies: Environmental Challenges in Canada, Israel and Beyond. Jerusalem, Israel.
- 2010 *Assessing Urban Sprawl: Measures for Success*. June, 2010. The 38th annual conference of the Israel Society of Ecology and Environmental Sciences (ISEES). Beer Sheva, Israel. (With A. Frenkel).
- 2008 *A spatial analysis of the ecological impact of settlement patterns and community types in Israel's Negev Desert*. October, 2008. Middle Eastern Biodiversity Conference. Aqaba, Jordan. (With E. Groner, M. Shachak, and A. Tal).
- 2006 *Israel's Open Spaces – To Populate or Preserve? A History of Tension between Demography and Environment*. April, 2006. The American Society for Environmental History. St. Paul, MN. (With S.P. Hamburg).
- 2006 *The Demographic Past and the Environmental Future of Desert Land Use Planning*. November, 2006. *Deserts and Desertification: Challenges and Opportunities*. Sede Boker, Israel. (With L. Jiang, F. Maksudov, and S.P. Hamburg).

- 2005 Learning from history: Using models to understand the spatial relationships among population growth, loss of open spaces and land use policy in Israel, 1961-1995. April, 2005. The American Association of Geographers Annual Meeting. Denver, CO. (With J. Albert and S. P. Hamburg).
- 2004 Fifty years of change in Israel: Tracking loss of open space and its ecological implications. August, 2004. Ecological Society of America Annual Conference. Portland, Oregon. (With J. Albert and S.P. Hamburg).
- 2003 Comparative Methodologies for Tracking Land Use/Land Cover Change in Israel, 1978-1999. November, 2003. Northeast Arc-Users Conference. Newport, RI.
- 2000 The Environmental Impact of Population Growth in Israel. June, 2000. The Jerusalem Institute for Policy Studies. Jerusalem, Israel.
- 1995 The Ecological Impact of Leaf Litter Additions in Semi-arid Environments. January, 1995. The 2nd annual Jewish National Fund – Arid Lands Management workshop in Sede Boker, Israel.

8. SERVICE

8.1 To the Faculty

- 2013 Lab Director – VizLab Visualization Laboratory
- 2013 Organizer – Faculty seminar, “River Restoration with Communities.” January, 2013
- 2012-2013 Lead coordinator – Visualization Laboratory Development and Construction Team
- 2011–present Coordinator – Colloquium Series for Faculty of Architecture and Town Planning, Technion.
- 2009-2010 Lead coordinator – 40th anniversary conference for the City and Regional Planning Program and the Center for Urban and Regional Studies

8.2 To the university

- 2013-present Technion Advisory Committee for Campus Master Plan
- 2013-present Technion Ecological Gardens Faculty Advisory Committee
- 2011–present Green Campus Committee – committee responsible for improving environmental performance of the Institute
- 2010-present Contributor to “Focus” – Newsletter of the Technion (6 articles and one video narration)

8.3 To the profession

- 2014 Committee member, Socio-Ecological Review Panel, The Israel Union of Ecology and Environmental Sciences
- 2014 Colloquium lecture, Department of Geography and Environment, Bar Ilan University

2014	Session chair, Annual conference of the Israel Planners Union
2013	Colloquium lecture, Department of Geography and Environmental Planning, Ben Gurion University of the Negev
2013	Colloquium lecture, Department of Geography and Environmental Studies, Hebrew University of Jerusalem
2012-present	Member, advisory committee on ecosystem services and lead author, "Conceptual Framework" and contributing author to "Arid Ecosystems" chapter for the Israel National Ecosystem Assessment. Israel Academy of Sciences and Humanities.
2012–2014	Co-chair, expert committee for socio-ecological research. European Long Term Ecological Research (LTER) Network. 2012-2013 Judge, Best Student Paper Competition. Israel Union of Planners Annual Conferences.
2011	Session organizer "Selected Chapters in Israeli Environmental History." June, 2011. 39th annual conference of the Israel Union of Ecology and Environmental Science. Megiddo Regional Council, Israel.
2010–present	Member, expert committee for socio-ecological research European Long Term Ecological Research (LTER) Network
2009–present	Occasional reviewer for the following journals: Environmental Politics (1), Land Use Policy (3), Conservation Biology (1), Ecology and Environment (Hebrew; 2), PLOS-One (1), Journal of Arid Environments (1), Journal of Human Ecology (1), Environment, Development and Sustainability (1), Letters in Spatial and Resource Sciences (1).
2008–present	Scientific team member, responsibility for integrating social science research into the ecological research agenda and representing Israel LTER in pan-European LTER meetings MA'ARAG, Israel Long Term Ecological Research (LTER) Network, Israel
2004	Conference organizing committee. "Middle East Environmental Narratives Conference." December, 2004. York University, Toronto, Ontario.

8.4 To government agencies

2012	Speaker, Ministry of Environmental Protection conference on Sustainable Management in the Carmel Forest. "Research for people, without people." Nir Etzion, Israel.
2011-present	Advisor on socio-ecological research, Ma'arag – Israel's National Ecosystem Assessment Program.

8.5 To the public

- 2012-present Advisor, ad-hoc committee on river restoration (organized by Prof. Richard Laster, Hebrew University)
- 2012 Supervisor, two projects sponsored by the "housing and community" fund in the Faculty of Architecture and Town Planning
- 2012 Public lecture, "Sustainability Challenges: Lessons from Israel", Congregation Sinai of Milwaukee (sponsored by the Jewish Federation of Milwaukee)
- 2012 Interview, "Sustainability Challenges: Lessons from Israel" Milwaukee Public Radio
- 2011 Conference organizer and speaker, "What are Ecosystem Services?" Sede Boker Synthesis Center.
- 2011-2013 Host and speaker – University of California Olive Tree Initiative (40 students from UC system visit the Technion's Center for Urban and Regional Studies)
- 2008-2010 Academic advisory board, head of committee on open space policy, Israel Green Movement-Meimad

9. HONORS AND AWARDS

- 2007–2009 Ne'eman Post-Doctoral Fellowship. Technion, Israel
- 2006-2007 Switzer Environmental Leadership Fellowship
- 2004–2005 Switzer Environmental Student Fellowship
- 2004–2005 Faculty Scholar Award. Brown University.
- 2001 Graduate student scholarship. Chaim Herzog Center for Middle Eastern Studies and Diplomacy, Ben Gurion University

10. MEMBERSHIPS (IN PROFESSIONAL ORGANIZATIONS)

- Israel Society for Ecology and Environmental Science – Member
- Switzer Environmental Network - Fellow

11. OTHER

- Advising for extended research papers in the Faculty of Architecture and Town Planning, 2009 (1); 2010 (2); 2011 (2); 2013 (1)
- Advising student projects at other academic institutions: Tel Hai College – 1 (2012), Tel Aviv University – 1 (2012).
- Thesis/Dissertation reviewer
 - 4 MSc theses (Spring, 2012 – 2; Fall, 2012 – 1; Spring, 2014 – 1)
 - 1 PhD proposal (Fall, 2012)
 - 1 PhD dissertation (Spring, 2014)
- Reviewer for Grant Institutions
 - Israel Science Foundation Reviewer (2014 – 1 proposal)