

February, 2017

RESUME

Full name: Daniel Eli Orenstein
Identity No. 311730204
Date and place of birth: 21 June, 1968, Los Angeles, California, USA
Marital status: Married +3
Address: 32 Ruth St. Haifa, 34404
E-mail address: DanielO@ar.technion.ac.il
Web site: <http://orenstein.net.technion.ac.il/>

ACADEMIC DEGREES

2006 Ph.D. Interdisciplinary Graduate Studies (Environmental Studies), Brown University, Providence, Rhode Island.
1996 M.Sc. Ecology (with honors), Ben Gurion University of the Negev, Beer Sheva, Israel.
1992 B.Sc. Environmental Biology and Management (with honors), University of California, Davis, California

ACADEMIC APPOINTMENTS

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 & Visiting research fellow, Watson Institute for International Policy, Brown
2008–2009 University, Providence, RI

RESEARCH INTERESTS

My research focuses on three themes: Ecosystem service assessment, particularly social assessments and integrative, interdisciplinary analyses; Environmental policy (with a focus on desertification, population, and forest fire policies), and socio-ecology (conceptualization, research methodologies and implications of its application).

TEACHING EXPERIENCE (past three years)

- Ecological Principles for Planners (undergraduate level), Technion – Israel Institute of Technology
- Ecological issues in the Israeli Landscape (graduate level), Technion – Israel Institute of Technology
- Environmental Policy (graduate level), Technion – Israel Institute of Technology and the Arava Institute for Environmental Studies
- Introduction to Environmental Processes and Resources (graduate level), Technion – Israel Institute of Technology

TECHNION ACTIVITIES

- 2013 – 2014 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 (7 articles and one video narration)

DEPARTMENTAL ACTIVITIES

- 2014 – present Management Committee – The Center for Urban and Regional Studies
- 2013 – present Academic Committee – VizLab Visualization Laboratory
- 2012 – 2013 Director – Visualization Laboratory Development and Construction Team
- 2012 – present Supervisor – four projects sponsored by the Social Hub for Community and Planning
- 2011 – present Coordinator – Colloquium Series for Faculty of Architecture and Town Planning, Technion.

PUBLIC PROFESSIONAL ACTIVITIES

- 2014 – present Member of the Board of Directors, The Israel Union of Ecology and Environmental Sciences
- 2013 – 2016 Technion Advisory Committee for Campus Master Plan (Ecology advisor)
- 2012 – 2016 Member, advisory committee and lead author, “Conceptual Framework” for the Israel National Ecosystem Assessment. Israel Academy of Sciences and Humanities.
- 2012 – present 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 Co-chair, expert committee for socio-ecological research European Long Term Ecological Research (LTER) Network

- 2008 – present Scientific committee member, responsibility for integrating social science research into the ecological research agenda and representing Israel LTER in pan-European LTER meetings, Israel Long Term Ecological Research (LTER) Network, Israel
- 2008 – 2010 Academic advisory board and Head of committee on open space policy, Israel Green Movement-Meimad

EDITORIAL ACTIVITIES

Reviewer for the following journals and publishers (number of reviews):

- Land Use Policy (3)
- Ecology and Environment (Hebrew; 4)
- Environmental Politics (1)
- Conservation Biology (1)
- PLOS-One (1)
- Journal of Arid Environments (2)
- Journal of Human Ecology (1)
- Environment, Development and Sustainability (1)
- Letters in Spatial and Resource Sciences (1)
- Yale University Press (1 book)
- Environmental and Planning B (1)
- Ecological Indicators (2)
- Ecosystem Services (1)
- Arcadia (1).

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Ecological Society of America – Member

Israel Society for Ecology and Environmental Science – Board of Directors, Member

Switzer Environmental Network - Fellow

FELLOWSHIPS, AWARDS AND HONORS

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

GRADUATE STUDENTS

M.Sc. Theses

Completed

Zohar Zafon, M.Sc. (Technion), 2017. “Can landscape characteristics represent biodiversity as an indicator of ecological value?” Principle supervisor, Asst. Prof. Daniel Orenstein; Assoc. Prof. Yohay Carmel as co-supervisor.

- Adi Noy, M.Sc. (Technion), 2016. “The Desert Landscape Architecture of Shlomo Aronson: Theory and Practice.” Principle supervisor, Assoc. Prof. Nurit Lissovsky; Asst. Prof. Daniel Orenstein as co-supervisor.
- Leyron Shachaf, M.Sc. (Technion), 2016. “The Contribution of Environment Impact Statements to Incorporation of Wildlife Passages in Highway Planning in Israel.” Principle supervisor, Asst. Prof. Daniel Orenstein; Assoc. Prof. Pnina Plaut as co-supervisor.
- Aviva Shmila-Vdai, M.Sc. (Technion), 2015. “Public participation and integrating stakeholders in the establishment and management of Biosphere Reserves in Israel: research assessment.” Principle supervisor, Prof. Shamai Assif; Asst. Prof. Daniel Orenstein as co-supervisor.
- Abra Berkowitz, M.Sc. (Ben Gurion University), 2013. “Reconciling conflicting planning paradigms: The case of Israeli spatial planners in the Negev.” Principle supervisor, Dr. Daniel Orenstein; Dr. Sarab Abu-Rabia-Queder as co-supervisor.
- Ofer Arnon, M.Sc. (Ben Gurion University), 2012. “Spatial distribution of homesteads in the Central Negev and its implications on landscape ecological indicators.” Principle supervisor, Dr. Daniel Orenstein; Prof. Pua Bar and Prof. Alon Tal as co-supervisors.

In progress

- Roy Zaidenberg, M.Sc. student (Technion), 2013 – present. “Stakeholder Mapping and Ecosystem Services Perception Gaps in the Southern Dead Sea Region.” Principle supervisor, Asst. Prof. Daniel Orenstein; Prof. Amnon Frenkel as co-supervisor. Exp. date of completion, 2017
- Shira Grossbard, M.Sc. student (Technion), 2013 – present. “Vernal Pools as Urban Nature: guidelines for conservation of urban vernal pools”. Principle supervisor: Dr. Elissa Rosenberg; Asst. Prof. Daniel Orenstein and Dr. Sarig Gafni as co-supervisors. Exp. date of completion, 2017

PhD theses

In Progress

- Hila Sagie, Ph.D. student (Technion), 2017 – present. “The role of stakeholder integration in the ecosystem services framework as a tool for land management.” Principle supervisor, Asst. Prof. Daniel Orenstein. Exp. date of completion, 2021
- Liat Hadar, Ph.D. student (Technion), 2014 – present. “Visual models as predictive, science-based tools for assessing future ecological landscapes and for supporting management decisions.” Principle supervisor, Asst. Prof. Daniel Orenstein; Assoc. Prof. Yohay Carmel as co-supervisor. Exp. date of completion, 2019
- Jen Holzer, Ph.D. student (Technion), 2014 – present. “From Ecological to Socio-Ecological Research: A Global Paradigm Shift.” Principle supervisor, Asst. Prof. Daniel Orenstein; Assoc. Prof. Karel Martens as co-supervisor. Exp. date of completion, 2019
- Lihi Golan, Ph.D. student (Technion), 2013 – present. “Evaluation of the planning process for Biosphere reserves in Israel.” Principle supervisor, Asst. Prof. Daniel Orenstein; Assoc. Prof. Pnina Plaut as co-supervisor. Additional supervisor: Exp. date of completion, 2017

Post-doctoral fellows supervised

Hagit Zimroni. 2013 – 2016. “Stakeholder perceptions of forests under diverse management regimes”

Na’ama Teschner. 2014. “Between Science and Ideology: Perspectives on Desertification and Afforestation in the Northern Negev”; 2016. “Examining impediments for implementation of sustainable policies in Israel’s viticulture industry”

RESEARCH GRANTS (past 5 years)

- 2016 – 2020 “Development and evaluation of a comprehensive framework for identifying, characterizing and valuing cultural ecosystem services”.
Principle investigator. 596,000 NIS, funded by the **Israel Science Foundation**.
- 2016 – 2017 “Beyond Management to Encourage Natural Plant Growth in Vineyards: From Ecology to Policy.” I am currently studying the impediments of adoption of sustainable agricultural practices in vineyards through stakeholder interviews.
Co-principle investigator with Dr. Tamar Keisar, University of Haifa. 25,000 NIS, funded by Nekudat Hen.
- 2015 – 2016 “Assessing Public Landscape Perceptions in the Biria and Meron Forests in Response to Treatments following Snow Damage.” I am conducting landscape perception surveys among visitors to the forests.
Principle investigator. 73,000 NIS funded by Keren Kayemet L’Israel.
- 2015 – 2019 “ELTER: European Long-Term Ecosystem and Socio-ecological Research Infrastructure.” I and my PhD student are assessing the impact of the transition from ecological to socio-ecological research within the European LTER network and I am preparing a best-practices guidebook for the establishment of socio-ecological research platforms.
Co-principle investigator with Prof. (Em.) Moshe Shachak, Ben Gurion University, Prof. Arnon Karnieli, Ben Gurion University, and Dr. Elli Groner (Dead Sea – Arava Research Center). €24,000 for the Technion team (Total €5 Million) funded by **European Union, Horizon 2020**.
- 2015 – 2019 “Ecopotential: Improving Future Ecosystem Benefits through Earth Observations.” I am conducting landscape perception surveys in Israel’s Negev Desert.
Co-principle investigator with Prof. (Em.) Moshe Shachak, Prof. Ehud Marom and Prof. Arnon Karnieli, Ben Gurion University. €50,000 for the Technion team (Total €16 Million) funded by **European Union, Horizon 2020**.
- 2014 – 2017 “Assessing the Planning Process for Biosphere Reserves.” I and my PhD student are assessing the role of planning in the establishment and maintenance of Biosphere Reserves.
Co-principle investigator with Assoc. Prof. Pnina Plaut. 103,000 NIS funded by Keren Kayemet L’Israel.
- 2014 – 2017 “Desert Landscape Architecture – Between Planning and Execution. The Work of Shlomo Aronson in Keren Kayemet Sites.” My graduate student is writing her thesis on the work of landscape architect Shlomo Aronson.
Co-principle investigator with Assoc. Prof. Nurit Lissovsky. 105,000 NIS funded by Keren Kayemet L’Israel.

- 2014 “The Nativ Valley as a Biosphere Reserve Viewed as a Legacy of the Baron.” I conducted a literature review of regional sustainability initiatives and oversaw a survey of local residents regarding environmental perceptions, opinions and activities.
Co-principle investigator with Prof. Shamay Assif and Dr. Dalit Shach-Pinsley. 143,000 NIS funded by Park Ramat HaNativ.
- 2013 – 2015 “Ecosystem services assessment from the mountain to the sea: A multidisciplinary method for defining ecosystem service indicators across landscape units.” I conducted a spatial analysis of ecosystem services in the Carmel range and analyzed the impact of planning scenarios on ES provision.
Co-principle investigator with Asst. Prof. Michelle Portman and Assoc. Prof. Tally Katz-Gerro. 150,000 NIS funded by Israel Ministry of Environmental Protection (Office of the Chief Scientist).
- 2013 – 2015 “The use of full-immersion visualization for assessing stakeholder perceptions of ecosystem services in the Carmel Forest.” We conducted focus-group discussions in a visualization laboratory to understand landscape perceptions in the Carmel Forest.
Co-principle investigator with Dr. Efrat Eizenberg. 150,000 NIS funded by Israel Ministry of Environmental Protection (Office of the Chief Scientist).
- 2010 – 2013 “Planning for the Future in Kikar Sedom”. My graduate student and I conducted interviews regarding stakeholder perceptions of their natural environment.
Co-principle investigator with Dr. Gil Ben-Natan (Dead Sea Arava Research Center). 75,000 NIS funded by Israel Ministry of Science, Technology and Space.

PUBLICATIONS

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, Nurit Kliot

Refereed papers in international professional journals

1. Boeken B. and **D. Orenstein**. The Effect of Plant Litter on ecosystem properties in a Mediterranean semi-arid shrubland. Journal of Vegetation Science. 12:825-832. 2001.
2. **Orenstein, D.E.** Population Growth and Environmental Impact: Ideology and Academic Discourse in Israel. Population and Environment. 26(1):41-60. 2004.

3. **Orenstein, D.E.** and S.P. Hamburg. To Populate or Preserve? Competing Political-Demographic and Environmental Paradigms in Israeli Land Use Planning. Land Use Policy. 26(4):984-1000. 2009.
4. **Orenstein, D.E.**, and S.P. Hamburg. Population and Pavement: Population Growth and Land Development in Israel. Population and Environment. 31(4):223-254. 2010.
5. 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. An Integrated Conceptual Framework for Social Ecological Research. Frontiers in Ecology and the Environment. 9(6): 351–357. 2011.
6. **Orenstein, D.E.**, B. Bradley, J. Albert, J. Mustard, and S.P. Hamburg. The Truth is in the Data? Comparative Methodologies for Monitoring Urban Development in Israel. International Journal of Remote Sensing. 32(9):2621-2644. 2011.
7. **Orenstein, D.E.**, L. Jiang, and S.P. Hamburg. 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.
8. Frenkel, A. and **D.E. Orenstein** (*equal contribution of both authors*). 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. 2012.
9. **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. Geography Research Forum. 32:96-118. 2012.
10. Sagie, H., Y. Rofè, A. Morris, **D.E. Orenstein**, and E. Groner. 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. 2013.
11. **Orenstein, D.E.**, A. Frenkel and F. Jahshan. Methodology Matters: Measuring Urban Spatial Development Using Alternative Methodologies. Environment and Planning: B. 41(1):3-23. 2014
12. 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. Ecosystem Services: a Rapid Assessment Method Tested at 35 sites of the LTER-Europe Network. Ekologia. 33(3):217-231. 2014
13. 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. 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. 14(2014):1-13. 2014
14. **Orenstein, D.E.** and E. Groner. In the Eye of the Stakeholder: Changes in Perceptions of Ecosystem Services across an International Border. Ecosystem Services. 8(2014):185-196. 2014

15. Katz-Gerro, T. and **D.E. Orenstein** (*corresponding author*). Environmental Tastes, Opinions and Behaviors: Social Theory in the Service of Ecosystem Service Assessment. Ecology and Society. 20(3): 28. 2015.
16. **Orenstein, D.E.**, H. Zimroni and E. Eizenberg. The Immersive Visualization Theater: A new tool for ecosystem assessment and landscape planning. Computers, Environment and Urban Systems. 54:347-355. 2015.
17. Manuel M., P. Balvanera, J. Baudry, P. Bourgeron, J. Dick, M. Equihua, M. Forsius, L. Halada, K. Krauze, M. Nakaoka, **D. Orenstein**, T. Parr, C. Redman, R. Rozzi, M. Santos-Reis, A. Vădineanu. Changes in biodiversity and trade-offs among ecosystem services, stakeholders and components of well-being: the contribution of the ILTER to PECS. Ecology and Society. 21(3):31. 2016.
18. **Orenstein, D.E.**, T. Katz-Gerro and J. Dick. Environmental tastes as predictors of environmental opinions and behaviors. Landscape and Urban Planning. 161:59-71. 2017.
19. Eizenberg E., **D.E. Orenstein** and H. Zimroni. Back to the (visualization) laboratory: using focus groups to generate qualitative and quantitative results. *Accepted*. Journal of Planning Education and Research. 2017.
20. Teschner, N., **D.E. Orenstein**, I. Shapira and T. Keasar. Commentary: The contribution of socio-ecological research to a transition toward sustainable practices in agriculture. *Accepted*. International Journal of Agricultural Sustainability. 2017.

Refereed papers in Israeli professional journals (in Hebrew)

1. **Orenstein, D.**, B. Boeken and M. Shachak. The Impact of Litter on Ecosystem Processes in Shrublands. Ecology and Environment. 5(2-3):106-111. 1999.
2. Groner, E., **D.E. Orenstein**, O. Lihod, W. Muithui, O. Arnon and A. Tal. The Impact of Homesteads in the Negev on Local Biodiversity. Ecology and Environment. 3(4):320-329. 2012.
3. Sagie, H., **D.E. Orenstein**, E. Groner, M. Strom, A. Morris and Y. Rofè. Trans-border perceptions of ecosystem services: A social inquiry in the Southern Arava Valley. Ecology and Environment. 3(1):22-31. 2012.
4. Zimroni, H., E. Eizenberg and **D. Orenstein**. Between cultures of natures and communities of knowledge: Expert knowledge and local knowledge regarding perceptions of Mount Carmel forest. Israeli Sociology. *Accepted*. 2017.
5. Golan, L., **D. Orenstein** and P. Plaut. What makes a successful Biosphere Reserve? Local and International insights. Ya'ar. *Accepted*. 2017.

Refereed book chapters

1. Frenkel, A. and **D.E. Orenstein**. A Pluralistic Approach to Defining and Measuring Urban Sprawl. Pp. 165-181 in: Yang, X. (ed.), Urban Remote Sensing. John Wiley. Hoboken, NJ. 2011.
2. Mirtl, M., **D.E. Orenstein**, M. Wildenberg, J. Peterseil, M. Frenzel, and E. Furman. Challenges and experiences in implementing place-based Long-Term Socio-Ecological Research in LTER-Europe. Pp. 409-442 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. 2013.

3. **Orenstein, D.E.** 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: An Environmental History of Israel. University of Pittsburg Press. Pittsburg, PA. 2013.
4. **Orenstein, D.E.** and E. Silverman. An Environmental Movement: New Forms of Expression. Pp. 357-382 in: Orenstein, D.E., Miller, C. and A. Tal (eds.), Between Ruin and Restoration: An Environmental History of Israel. University of Pittsburg Press. Pittsburg, PA. 2013.
5. **Orenstein, D.E.** and E. Groner. Using the ecosystem services framework in a long-term socio-ecological research platform: Lessons from the Wadi Araba desert, Israel and Jordan. 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. 2015.
6. Pereira, M.G., Hayes J.P., C. Miller, and **D.E. Orenstein**. Fire on the Hills: An environmental history of fires and fire policy in Mediterranean-type ecosystems. In Vaz, E. and C. Joanaz de Melo (eds). Environmental History in the Making, Proceedings of the 2nd World Congress on Environmental History (ICEHO, Portugal 2014), Springer. Dordrecht, Germany. *Accepted*. 2016.

Chapter in review

1. Avriel-Avni, N., J. Holzer, M. Shachak, **D.E. Orenstein**, and E. Groner. Using transdisciplinary action research toward sustainable management in the Negev Highlands. In Maposte, T. (ed.) "Cross-Disciplinary Approaches to Action Research and Action Learning." IGI-Global Publishers. Hershey, PA. USA. *In review*.

Books & special issues

1. **Orenstein, D.E.**, Miller, C. and A. Tal (eds.). Between Ruin and Restoration: An Environmental History of Israel. University of Pittsburgh Press. Pittsburg, PA. 400 pp. 2013.

Refereed papers in conference proceedings

1. **Orenstein, D.E.** and A. Frenkel. Assessing Urban Growth Management Policies: The Case of Israel's Sharon Region. Eilat 2009 FIG Working Week. May 2009. Eilat, Israel.
2. Noy Ivanir, A., N. Lisovsky and **D. E. Orenstein**. 2015. "Desert Gardens" vs "Gardens in Deserts" - Contrasting Approaches to Arid Landscape Design. Landscapes in Flux. Tartu, Estonia.

Research reports or Case reports

1. Troupin, D., E. Segal, and D. Orenstein. Report on Biodiversity Surveys in the Technion Campus. Haifa (In Hebrew). 2015.
2. Troupin, D., E. Segal, and D. Orenstein. Principles and Tools for Ecological Management in University Campuses. Technion Campus Planning Committee. Haifa (In Hebrew). 2014.

3. Shach-Pinsley, D., S. Assif, D. Orenstein, T. Shalom, I. Kaplan, and S. Polinov. The Nadiv Region as a Sustainable Region. Ramat HaNadiv. Zichron Yaakov. 2014.
4. Orenstein, D. E. and I. Itzhaki. Conceptual Framework of the Israel National Ecosystem Assessment (Interim Report). HaMa'arag, Jerusalem. 2014.
5. 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. 2014.
6. Groner, E., M. Shachak and D. Orenstein. Long-term Socio-ecological Research (LTSER) Platforms in Israel. 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). 2011.
7. Orenstein, D.E., M. Frenzel and A. Neuner. Long-Term Socio-Ecological Research (LTSER) Best Practices Guide. 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. 2009.
8. Orenstein, D.E. Israel's most pressing environmental problems. Background paper prepared for the Jerusalem Institute for Policy Studies initiation of their environmental policy research program. 1999.

CONFERENCES (past 5 years)

Plenary, keynote or invited talks

Abroad

- 2013 Orenstein, D.E. "LTSER: concept, status of the LTSER component of LTER-Europe and outlook towards H2020." LTER Europe Annual Conference. CNR – National Research Council, Rome, Italy. (*Plenary keynote lecture*)
- 2015 Orenstein, D.E. Unraveling the science and politics of historical population-environment discourse in Israel. Ecological Society of America. Baltimore, MD. (*Invited panel talk*)

Presentations (giving papers)

Abroad

- 2011 Sustainability Challenges – Lessons from Israel. July, 2011. Empowering Sustainability on Earth, Summer Seminar Series. Department of Social Ecology. University of California, Irvine.
- 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.
- 2013 Multicultural Assessment of Ecosystem Services Across an International Border: Lesson for Land Use Policy in Hyper-Arid Regions. Annual Conference of the Association of the European Schools of Planning (AESOP). July, 2013. Dublin, Ireland.
- 2013 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.

- 2014 Science, Politics and Ideology between Two Wildfires in Israel's Carmel Forest, July, 2014. World Congress of Environmental History. Guimaraes, Portugal.
- 2015 Searching for Spatial Sustainability: One Goal, Multiple Paths? July, 2015. Annual Conference of the Associations of the European Schools of Planning (AESOP). Prague, Czech Republic.
- 2016 Defining environmental tastes as a tool for cultural ecosystem service assessment. October, 2016. Annual meeting of the International Long-Term Ecological Research Network and All-Science Meeting. Kruger National Park, South Africa.

In Israel

- 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.
- 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 An Ecosystem Services Inventory: Lessons from the Northern Negev Long-Term Social Ecological Research (LTSER) Platform. Drylands, Deserts and Desertification Conference, Ben Gurion University.
- 2013 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 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.
- 2014 An Ecosystem Services Inventory: Lessons from the Northern Negev Long-Term Social Ecological Research (LTSER) Platform. March, 2014. The Negev Conference for Agricultural Research and Development. The Agricultural Research Institute, Eshel HaNasi Youth Village.
- 2015 Principles and Tools for Planning and Management of Ecological University Campuses. February, 2015. Annual Conference of the Israeli Planners Union. Ben Gurion University, Beer Sheva.
- 2015 Searching for Spatial Sustainability: One Goal, Multiple Paths? October, 2015. Annual Conference of the Israel Society of Ecology and Environmental Sciences (ISEES). The Hebrew University, Jerusalem.
- 2015 Ecosystem assessment as a tool for characterizing human-environment relations, from the Arava to Scotland. December, 2015. Annual Conference of the Israeli Geographical Association. The Hebrew University, Jerusalem.
- 2016 Environmental Tastes: A New Tool for Assessing Cultural Ecosystem Services. June, 2016. Annual Conference of the Israel Society of Ecology and Environmental Sciences (ISEES)

Academic presentations in the context of funded research

- 2011 Stakeholder Assessments of Anti-Desertification Actions: Israel Case Study, PRACTICE project meeting, Castro Verde, Portugal
- 2014 Long Term Ecological Research in Israel: Vision, Concept, Realization (poster). Annual Meeting of International LTER, Ancud, Chile
- 2015 Progress report, Work Package 10. ELTER First Project Meeting, Hania, Greece
- 2015 Progress report, Work Package 7. ECOPOTENTIAL Work Package Meeting, Zandvoort, Holland
- 2016 Progress report, Work Package 10. ELTER Second Project Meeting and Annual Meeting of European LTER. Riga, Latvia.