

CURRICULUM VITAE

Dafna Gan

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Personal

Address: Haderech Layam 37, Kefar-Hayim, Israel 02495

Telephone Number: 972-53-3032006

Email: dafna.gan@gmail.com

Higher Education

A. Undergraduate and Graduate Studies

Period of Study	Name of Institution and Department	Degree	Approval of Degree
2012-2016	Northeastern University, Boston, MA, USA Educational Leadership - Curriculum, Teaching, Learning, and Leadership	Ed. D., Doctoral Studies: Environmental Education & Citizenship. Thesis title: <i>Environmental education and citizenship: A case study of elementary teachers and principals perspectives in Israel</i>	2016
2000-2003	University of Haifa, Israel Management of Natural and Environmental Resources Department	M.A. , Decision making management of waste disposal. Thesis title: <i>Management Issues and Environmental Conflicts Regarding Minimizing Solid Waste Being Sent from "Hiria" Site for Landfilling.</i>	2003
1996-1998	The Jerusalem Academy of Music and Dance & Hebrew University of Jerusalem, School of Applied Science	M.Mus. Performing Arts – Harpsichord, with minor in Environmental Studies	1998
1993-1996	Hebrew University of Jerusalem, Physical Geography Department	B.A.Sc. in Physical Geography	1996
1992-1996	The Jerusalem Academic of Music and Dance	B.A. in Performing Arts – Harpsichord	1996

B. Post-Doctoral Studies*

Period of Study	Name of Institution, Department and Host	Year of Completion
2018-2020	Mofet Institute, Tel-Aviv, Israel Prof. Chen Schechter Post-Doctoral Studies: Environmental Education Leadership	2020

*The Topic of the Post-Doctoral study: *Environmental Educational Leadership – The Perceptions of School Principals as Expressed in their Drawings*

C. Pedagogical Studies, and Leadership Courses

Year	Institution	Certificate and Program Name
2022	MOFET Institute and Israel Futures in the Prime Minister's Office, Israel	“Alumot” Program for Leadership Development in Teacher Training in Israel – A program aimed at leading change in teacher training and promoting education in Israel
2012	Brandeis University, Boston, US	Hebrew Language Teaching – According to the American Council on the Teaching of Foreign Languages (ACTFL) for conducting Oral Proficiency Interviews (OPI) in Hebrew
2011	Youth for Hebrew (“Neta”), Boston, US	Hebrew Language Teaching Course
2007	Society for the Protection of Nature, Israel	Management Course – Within the framework of the Society for the Protection of Nature, the course lasted 10 full-day sessions
1989	Society for the Protection of Nature, Israel	Tour Guide Training Course – The course lasted six months

Academic Ranks and Tenure in Institutions of Higher Education

Rank/Position*	Name of Institution and Department	Dates
Senior Lecturer	Kibbutzim College of Education and the Arts, Science Faculty	2021-present
Lecturer	Kibbutzim College of Education and the Arts, Science Faculty,	2019-2021

* There is no tenure track in the *The Planning and Budgeting Committee* (“Vatat”) position at Kibbutzim College of Education

Offices in Academic Administration

Dates	Name of Institution and Department	Role
2023-present	MOFET Institute	Leading an idea incubator group: Education and Climate Change from an eco-humanistic approach. The team includes members from various colleges across the country, aiming to lead the implementation of the topic in teacher training programs in Israel.
2019-present	Kibbutzim College of Education and the Arts, Science Faculty	The head of the Environmental Education Master’s Program.
2018-present	Kibbutzim College of Education and the Arts, Science Faculty	Member of the curriculum committee for the Master's degree program in Environmental Education, and in its research and non-research final committees. Since 2019, I have been leading this evaluation committee.
2017-present	Kibbutzim College of Education and the Arts, Science Faculty	The director of The Centre for Environmental and Sustainability Education.
2008-2023	Researchers Forum for Israel’s Sustainability Education	Member of the Researchers Forum for Israel's Sustainability Education, focusing on current research in the field of sustainability in the country. Since 2018, co-coordinator of the forum in collaboration with Adiv Gal.

Scholarly Positions and Activities

A. Service at Kibbutzim College of Education

Year	Role and Duties	Collaboration
2019-2024	Leading, writing, and updating a second degree program in environmental education with a thesis for the Higher Education Council ("MALAG") and obtaining permanent accreditation approval for the thesis from the "MALAG".	The College Management
2019-2023	Leading an Eco-Humanism thought leadership circle, collaborating with cross-faculty lecturers on two articles, promoting its theoretical and pedagogical implementation in teacher training, colleges, schools, and other educational institutions, advancing both academic and practical dimensions of the concept.	Prof. Nimrod Aloni
2019	Member and leader of a creative task group for promoting the development of green roofs in the "Growing on the Roof" project focusing on pedagogical aspects.	Dr. Ilana Avissar and the College Rector
2018-present	Organizer and the leader of Implementing Sustainability Education across the College.	The College Rector
2018-present	Member, Professional Development for College Staff, Committee.	The College Rector
2017	Member, Committee for Outdoor Learning.	Dr. Ilana Avissar
2015-2019	Member of Team entitled: "Personal Responsibility" at the College, dealing with aspects of personal responsibility in environmental and behavioral contexts (such as cleanliness on campus, smoking, etc.).	CEO – Tzeela Yoffe
2016	The Leader and organizer of Conference in Kibbutzim College, dealing with Environmental and Sustainability Education for educators in Israel. Sponsored by the Ministry of the Environment, Ministry of Education	Dr. Ilana Avissar

B. Service Out of Kibbutzim College

Year	Role and Duties	Organization	Collaboration
2021-2022	Visiting Academic Appointments - Visiting scholar by collaborating with Prof. Oren Pizmony-Levy, giving lectures and jointly research about climate change education.	Teachers College, Columbia University, US	Prof. Oren Pizmony-Levy
2019	Member of a leading group that established a humanistic school at Kibbutzim College of Education.	Amos Oz High-School	Lead by Michal Wasser
2017	Member of the "Stars of the Desert" team that assisted in writing an educational program for internal leadership among the Bedouin community, to be implemented in the Negev.	"Stars of the Desert"	Prof. Nimrod Aloni and Reut Gordon
1998-Present	Member of the Society for the Protection of Nature. Since 2021 serves as a board member of SPNI Council (appointed position).	Society for Protection of Nature in Israel	N/A
2015-	Professional advisor in the	Ayalon Park High	N/A

Year	Role and Duties	Organization	Collaboration
2016	environmental education program.	School, Or Yehuda	
2004	Team member in the preparation of a policy document on EE, national priorities in environmental quality.	Shmuel Ne'eman Institute, Technion	Prof. Tali Tal
2003-2009	Member of the Committee for Accreditation of "Green Schools," representing non-governmental organizations in Israel.	Ministry of Environmental Protection, and Ministry of Education	Zivit Linder

C. Management and Educational Experience

Year	Role	Organization
2020-recent	Co-founder of International Workshop on Environment, Sustainability, and Education	A Joint project of the Center for Environmental and Sustainability Education, Kibbutzim College of Education and the Arts - Israel; Center for Sustainable Future, Teachers College, Columbia University – US
2018	Director of The Center including full responsibility of research with schools and other educational institutions	Center for Environmental and Sustainability Education, Kibbutzim College of Education and the Arts – Israel
2001–2010	Head of the department including full responsibility of curriculum development, management of training courses and ongoing training programs, national and local cooperation for the promotion of EE in Israel, project management including National children and Youth Conference, Leading and instructing teachers	Development and Training Department, Society for the Protection of Nature in Israel
1997-2000	Curriculum developer which included writing EE programs, guides' courses outlines and leading workshops for teachers and guides	Tel-Aviv Field Activities Center, Society for the Protection of Nature in Israel
1990-2000	Professional Guide mainly on topics of ecology, biology, geography; teachers and guides workshops; guiding tours for all ages including families, professional trips of biology students, biotope programs (part of the Matriculation exams in Israel)	Ma'agan Michael Field School, Society for the Protection of Nature in Israel

D. Editorial experience

- 2022-present Editorial Board, *Education and its Ideas* [In Hebrew]
2021 Guest editor: *Learning Assessments for Sustainability? Exploring the Interaction between Two Global Movements*, Education Policy Analysis Archives (co-edited with Prof. Oren Pizmony-Levy).
2001-2007 Editorial Board, *The Globe in Our Hands* (“Hakadur Beyadenu”) Journal.

E. Ad-Hoc Reviewer

Review of academic articles for peer-reviewed journals: Comparative Education Review; Education Policy Analysis Archives; Environmental Education Research; Sociological Forum; International Journal of Sustainability in Higher Education; Dapim [Hebrew], Ecology and the Environment [Hebrew]; Negev, Dead Sea, and Arava Studies [Hebrew]

Review of abstracts for conferences: Comparative International Education Society (CIES), American Educational Research Association (AERA), International Association for Intercultural Education (IAIE), International Conference on Teacher Education.

F. Membership in Professional Associations

2017-present National Association for Research in Science (NARST)
 2015-present Comparative and International Education Society (CIES)
 2015-present American Educational Research Association (AERA)
 2015-present The Israeli Ecology and Environment Society (ISEES)

Participation in Scholarly Conferences

A. Active Participation in International Conferences

Date	Name of Conference, Place of Conference	Subject of Lecture/Discussion	Role
2/2023	International Symposium at Kibbutzim College of Education, Israel	Ecohumanism from theory to practice: From welfare society to sustainable futures. On the educational, economic, democratic and environmental foundations of thriving societies in the 21st century	Presenter: Gan Dafna
2/2023	The 67th Annual Conference of the Comparative and International Education Society (CIES), Washington DC., USA	Israeli youth protesting climate change – What motivates them?	Highlighted session; Presenter: Gan Dafna (Nathan, A. non-presenter)
9/2022	Climate Change Week, Teachers College, Columbia University, NY, USA	Climate change is important but not in my classroom: Climate change education in Israel	Presenter: Gan Dafna
4/2022	The 66th Annual Conference of the Comparative and International Education Society (CIES). Online presentation, USA	International collaboration as innovative means of teaching environmental and sustainability education	Presenter: Gan Dafna
2021	International Association for Intercultural Education (IAIE) 2021 (virtual) conference: Intercultural education in an age of information and disinformation. Kibbutzim College of Education and MOFET Institute, Tel-Aviv, Israel	Moving between local and global: The impact of an educational multicultural journey of students and staff to Ethiopia on their identities and citizenship in the global and local spheres	Presenters: Gan, Dafna, with Alkaher, Iris, (Getahune, S. non-presenter)
		Ecohumanism in practice—social-ecological systems within the framework of Jewish-Arab	Presenters: Gan, Dafna, with Gal Adiv.

Date	Name of Conference, Place of Conference	Subject of Lecture/Discussion	Role
		conflict in Israel	
		Green school grounds as spaces for learning generates educational perception change and contribute to Israeli Arabs schools	Presenters: Gan, Dafna, and Lev, Naama. (Gal, A., non-presenter)
2021	The 65th Annual Conference of the Comparative and International Education Society (CIES), Seattle, USA – Virtual presentation	Green school grounds as spaces for learning generates educational perception change and contribute to Israeli Arabs schools	Presenters: Gan, Dafna, and Lev, Naama. (Gal, A., non-presenter)
		Long-term environmental education program: School culture and teachers feelings	Presenters: Gan, Dafna, and Nezer, Moriya. (Gal, A., non-presenter)
2020	EERA (ECER), Glasgow, UK (Virtual presentation due to the COVID-19 outbreak)	School staff perceptions of education for sustainability and sense of community as reflected in an elementary school culture in Israel	Presenters: Gan, Dafna, with Alkaher, Iris,
2020	Comparative International Education Society (CIES), San Francisco, CA, USA. (Virtual presentation due to the COVID-19 outbreak)	Eco schools—Comparative study	Presenters: Gan Dafna with Varga, Attila (Gal, A. & Könczey, R., non-presenters)
		Promoting education for sustainability and social capital through partnerships between an elementary school and different actors in the community	Presenters: Gan, Dafna, with Alkaher, Iris,
2019	Comparative International Education Society (CIES), San Francisco, CA, USA	The role of NGOs in enhancing ESE	Presenter: Gan Dafna
		How do they feel? Students' emotional response to environmental and sustainability education program focused on protecting a small falcon	Presenters: Gan, Dafna, with Gal Adiv.
2019	EERA (ECER). Hamburg, Germany	Do eco-schools really help implementation of ESD? A comparison between eco-school systems of Hungary and Israel	Presenters: Gan Dafna with Varga, Attila (Gal, A. & Könczey, R., non-presenters)
2019	EERA (ECER). Hamburg, Germany	Imagine that you have the best school ever: Children draw the ideal environmental school	Presenters: Gal, A., Gan, D., (Zybert, Y. non-presenter)
2019	EERA (ECER). Hamburg, Germany	Self-efficacy for promoting education-for-sustainability in pre-service teacher college: Students and instructors perspectives	Presenters: Gan, Dafna, with Gal Adiv.
2019	The Story of Innovation in	Attentive teaching (AT) as means	Presenter: Schur,

Date	Name of Conference, Place of Conference	Subject of Lecture/Discussion	Role
	Teacher Education, the 7th International Conference on Teacher Education, MOFET Institute, Tel-Aviv	for personal conceptual-change (PCC) of the concept social-ecological systems	Y. (Gan, D., Gal, A., Nevo, E. non-presenters)
2019	MOFET Institute	Education-for-sustainability—our future education: Pedagogical skills versus content knowledge in pre-service sustainability courses	Presenters: Gan, Dafna, with Gal Adiv.
2018	The European Association for Research on Learning and Instruction (EARLI), Giessen, Germany	Teaching for understanding social-ecological systems using dynamic learning and thinking journey	Presenter: Schur, Y. (Gan, D., Gal, A., Nevo, E. non-presenters)
2018	Annual Conference, Europe, Educational, Research, Association (EERA). Bolzano, Italy	Global environmental perceptions in preservice teachers following an education for sustainability development course in Nepal	Presenters: Gan, Dafna, with Gal Adiv.
2018	National Association for Research in Science Teaching (NARST), Atlanta, GA, USA	College students' perceptions of socio-ecological systems in a multicultural society context	Presenters: Gan, Dafna, with Gal Adiv.
2018	Comparative International Education Society (CIES). Mexico City, Mexico	Organizational change: Pre-service students leading environmental change in college	Presenters: Gan, Dafna, with Gal Adiv.
2018	Comparative International Education Society (CIES). Mexico City, Mexico	Social-ecological systems as perceived by Arab and Jewish students via drawing analysis	Presenters: Gan, Dafna, with Gal Adiv.
2018	Comparative International Education Society (CIES). Mexico City, Mexico	The role of distributed leadership in mainstreaming environmental sustainability into campus life in an Israeli teaching college: A case study	Presenters: Gan, Dafna, with Alkaher, Iris,
2018	Annual Conference, Europe, Educational, Research, Association (EERA). Bolzano, Italy	Students' emotional response to place based education focused on protecting the lesser-kestrel	Presenters: Gan, Dafna, with Gal Adiv.
2018	Annual Conference, Europe, Educational, Research, Association (EERA). Bolzano, Italy	Distributed leadership in higher education: A case of organizational change for promoting sustainability	Presenters: Gan, Dafna, with Alkaher, Iris,
2018	Annual Conference, Europe, Educational, Research, Association (EERA). Bolzano, Italy	Inclusion versus exclusion of Jewish and Arab students within the framework of an environmental education-social justice course in Israel	Presenters: Gan, Dafna, with Gal Adiv.
2017	Comparative International Education Society (CIES). Atlanta, USA	Environmental education and citizenship: A case study of elementary teachers and principals' perspectives in Israel	Highlighted Session Presenter: Gan, Dafna
2017	Comparative International Education Society (CIES). Atlanta, USA	The impact of multiculturalism on college students' perceptions of socio-ecological systems	Presenters: Gan, Dafna, with Gal Adiv.
2017	Annual Conference, Europe Educational Research Association (EERA).	The impact of transformative learning on higher education students	Presenters: Gan, Dafna, with Gal Adiv.

Date	Name of Conference, Place of Conference	Subject of Lecture/Discussion	Role
	Copenhagen, Denmark		
2017	Annual Conference, Europe Educational Research Association (EERA). Copenhagen, Denmark	Pro-environmental behavior in the private and public-spheres: self-efficacy for promoting EfS among Israeli pre-service teachers?	Presenters: Gan, Dafna, with Gal Adiv.
2017	Annual Conference, IUT, Tel Aviv, Israel: The MOFET Institute, July 2017, Israel	Transformative learning: Diverse teaching methods, alternative assessment, learning outcomes, and the student perception	Presenters: Gan, Dafna, with Gal Adiv.
2017	Annual Conference, IUT, Tel Aviv, Israel: The MOFET Institute, July 2017, Israel	Pedagogical skills as a foundation for independent learning in pre-service sustainability courses	Presenters: Gan, Dafna, with Gal Adiv.
2017	National Association for Research in Science Teaching (NARST), San Antonio, Texas, USA	Informal science learning in formal contexts: Children help to save an endangered falcon	Presenters: Gan, Dafna, with Gal Adiv.
2017	National Association for Research in Science Teaching (NARST), San Antonio, Texas, USA	Content knowledge versus pedagogical skills: What should we emphasize in pre-service sustainability courses?	Presenters: Gan, Dafna, with Gal Adiv.
2017	The annual conference, American Education Research Association (AERA). San Antonio, Texas, USA	What went well? Long-term environmental education in an elementary school in Israel	Presenters: Gan, Dafna, with Gal Adiv.
2016	Comparative International Education Society (CIES). Vancouver, Canada	Long-term environmental education program in an elementary school: principal and teachers perspective	Presenters: Gan, Dafna, with Gal Adiv.
2016	Action Learning, Action Research Association (ALARA), Australia	Action research as a teaching method in MA course to foster environmental citizenship	Presenter: Avrieli-Avni, Noa (Gan D. non-presenter)
2015	The annual conference, American Education Research Association (AERA), Chicago, USA	The Ecology of Organizational Change: School Principals' Perspectives on Green Schools in Israel	Presenters: Pizmony-Levy, Oren with Gan, Dafna
2014	Presented at Environmental Education Master Class. Columbia University, Teacher College, USA	The role of NGOs in environmental education: The case of the Society for Protection of Nature in Israel (SPNI)	Presenter: Gan, Dafna
2013	Comparative International Education Society (CIES), Amherst University, USA	The role of NGOs for enhancing environmental education: A case study of the Society for the Protection of Nature in Israel	Presenter: Gan, Dafna
2011	The annual conference, American Education Research Association (AERA), New Orleans, USA	Green schools in Israel	Presenters: Pizmony-Levy, Oren with Gan, Dafna

B. Active Participation at Professional Scientific Conferences

Date	Conference Name	Subject of Lecture	Role
July 2023	Annual Conference on Science and the Environment	Exposing the hidden aspects of littering in public spaces and recommended coping strategies for stakeholders.	Conducted Study, presenter: Naama Lev
July 2023	Annual Conference on Science and the Environment	Teenage activists on climate change in Israel: What drives them?	Conducted Study, presenter: Aya Nathan
July 2022	Annual Conference on Science and the Environment	Characteristics and attitudes of Israeli youth towards climate change and their readiness to act on the issue.	Conducted Study, presenter: Aya Nathan
July 2022	Annual Conference on Science and the Environment	Climate crisis and remote teaching for environmental educators during the COVID crisis.	Conducted Study, presenter: Moriya Netzer
October 2022	Teachers' Opening Year Conference (2023), Kibbutzim College of Education	Sense of wonder in nature - contemplative pedagogy as a tool for learning and observation as part of coping with the climate crisis among second-degree environmental education students.	Presenter: Dafna Gan, (Assaf Nirit: non-presenter)
February 2022	Israeli Sociological Association Conference (2022)	Sense of wonder in nature - contemplative pedagogy as a tool for learning and observation as part of coping with the climate crisis among second-degree environmental education students.	Presenter: Dafna Gan (Assaf Nirit: non-presenter)
October 2021	Teachers' Opening Year Conference (2021), Kibbutzim College of Education	Seeing things from there, not from here - similarities and differences in environmental education globally and locally, international collaborations.	Presenter: Dafna Gan
October 2021	Teachers' Opening Year Conference (2021), Kibbutzim College of Education	Climate crisis, climate change, and remote teaching of environmental educators in Israel and the US.	Presenter: Dafna Gan, (Oren Pizmony-Levi: non-presenter)
October 2021	Teachers' Opening Year Conference (2021), Kibbutzim College of Education	Open spaces are my home: Long-term impact of an educational program for nature conservation in the space established on its participants.	Presenter: Dafna Gan with Iris Alkahr
October 2021	Teachers' Opening Year Conference (2021), Kibbutzim College of Education	In Praise of Nature: Critical reflection on a desert experience in a literature course.	Presenters: Netta Bar-Yosef-Paz and Nirit Assaf (Dafna Gan-non presenter)
October 2021	Teachers' Opening Year Conference (2021), Kibbutzim College of Education	Promoting sustainability education and teachers' sense of community from an organizational culture perspective: A case study of the "Afek" school.	Presenters: Dafna Gan with Iris Alkahr
October	International Symposium on	Between global and local - the	Presenters: Dafna

Date	Conference Name	Subject of Lecture	Role
2020	the Sociology of Education	impact of a faculty and student delegation to Ethiopia on their cultural identity and their global and local citizenship.	Gan with Iris Alkaher
October 2020	Teachers' Opening Year Conference (2020), Kibbutzim College of Education	Outdoor teaching in times of crisis - COVID and environmental education in socio-ecological systems approach.	Presenters: Dafna Gan with Nirit Assaf
October 2020	Annual Conference on Science and the Environment	Green learning spaces as change agents. Annual Conference on Science and the Environment.	Virtual Presentation: Naama Lev with Dafna Gan
October 2020	Annual Conference on Science and the Environment	Cultural aspects of the school library among teachers in schools implementing long-term environmental education programs.	Virtual Presentation: Moriya Netzer (Dafna Gan and Adiv Gal – non-presenters)
October 2020	Annual Conference of the Israeli Sociological Association	"There are no crocodiles in the river" - Environmental stories of children from different cultures.	Conducted Study, presenter: May Svirsky (Dafna Gan: non-presenter)
October 2019	Teachers' Opening Year Conference, Kibbutzim College of Education	ESD in the Science Department - How actions and research enabled the adaptation of the Science Department to Generation Z.	Presenters: Dafna Gan with Sachiani Dana and Hadas Shchori (Adiv Gal: non-presenter)
October 2019	Teachers' Opening Year Conference, Kibbutzim College of Education	Promoting sustainability education and social capital of teachers from an organizational culture perspective: A case study of the "Afek" school.	Presenters: Dafna Gan with Iris Alkaher
October 2019	Annual Conference on Science and the Environment	The ideal environmental school according to elementary school students.	Presenter: Dafna Gan (Yael Zibert and Adiv Gal: non-presenters)
October 2019	Israeli Association for Comparative Education Conference	Jewish and Arab students' perceptions of socio-ecological systems.	Presenter: Dafna Gan (Adiv Gal: non-presenter)
October 2018	Teachers' Opening Year Conference, Kibbutzim College of Education	Transformative learning as a tool for creating environmental discourse and environmental identity against the backdrop of social-ecological systems in Israel.	Presenters: Dafna Gan with Adiv Gal
October 2018	Teachers' Opening Year Conference, Kibbutzim College of Education	The contribution of drawings and their explanations to the understanding of the concept of social-ecological systems among second-degree environmental education students following a course on the subject.	Presenters: Dafna Gan with Adiv Gal
October 2018	Israeli Sociological Association Conference	Transformative learning as a tool for creating environmental discourse and environmental	Presenters: Dafna Gan with Adiv Gal

Date	Conference Name	Subject of Lecture	Role
		identity against the backdrop of socio-ecological systems in Israel.	
October 2017	Environmental Educators' Forum, Kibbutzim College of Education	Multicultural influences on the perceptions of socio-ecological systems by students.	Presenters: Dafna Gan with Adiv Gal
October 2017	Semi-Annual Conference of College Teachers, Kibbutzim College of Education	Perceptions of students from different cultures of socio-ecological systems.	Presenters: Dafna Gan with Adiv Gal
October 2016	Semi-Annual Conference of College Teachers, Kibbutzim College of Education	Teachers' sense of capability in implementing sustainability education.	Presenters: Dafna Gan with Adiv Gal
October 2016	Conference on Ecology and Environment, Tel Aviv University		Presenters: Dafna Gan with Adiv Gal
2015	The 15th Annual Conference on Environmental Education, Beit Berl College, Kibbutzim College, Ministry of Environmental Protection, and Ministry of Education	Pedagogy of Citizenship and Education for Sustainability	Presenter: Dafna Gan
2012	Forum for Researchers of EE in Israel, Afek School, Rosh HaAyin, Israel	Certification of Green Schools in Israel	Presenter: Dafna Gan with Oren Pizmony-Levy
2009	Second Annual Conference for the Environment, University of Haifa, Israel	Water Crisis in Israel - The Educational Challenge	Presenter: Dafna Gan
2008	National Conference on Science and Technology Education in Middle School, Ministry of Education, Weizmann Institute of Science, Israel	Urban Nature - Foundation for EE Initiative	Presenter: Dafna Gan

C. Organization of Conferences or Sessions

Date	Name of Conference, Place of Conference	Subject of Conference	Role
2023	7 th EE Conference for educators, Kibbutzim College of Education, Tel-Aviv, Israel	Climate Change and Forest Education as a Worldview and a Way to Implement Eco-Humanism Principles	Leader and Organizer
2022	6 th EE Conference for Educators, Kibbutzim College of Education, Tel-Aviv, Israel	Forest Education as an Educational Path to Implement Eco-Humanism Principles	Leader and Organizer
2021	International Association for Intercultural Education (IAIE) (virtual) conference, Kibbutzim College of Education and MOFET Institute, Tel-Aviv, Israel	Ecohumanism and multicultural education	Chair

Date	Name of Conference, Place of Conference	Subject of Conference	Role
2021	5 th EE Conference for Educators, Kibbutzim College of Education, Tel-Aviv, Israel	Emerging Researchers from the Field: Eco-Humanism	Leader and Organizer (Virtual)
2020	4 th EE Conference for educators, Kibbutzim College of Education, Tel-Aviv, Israel	Environmental Education and Outdoor Learning	Leader and Organizer
2020	Comparative International Education Society (CIES). Virtual due to COVID-19 outbreak	Quality education for sustainability: Diverse comparative and methodological approaches	Chair
2019	International Conference, MOFET Institute, Israel	Authentic Learning	Chair
2019	3 rd EE Conference for educators, Kibbutzim College of Education, Tel-Aviv, Israel	Eco-humanism so there will be a tomorrow	Leader and Organizer
2019	Comparative International Education Society (CIES). San Francisco, USA	Promoting environmental sustainability education in higher education	Chair
2019	Comparative International Education Society (CIES). San Francisco, USA	Regular sessions on environmental and sustainability education	Organizer
2018	Comparative International Education Society (CIES). Mexico City, Mexico	Sustainability Education in the Classroom	Chair
2018	2019 Comparative and International Education Society (CIES) Planning Committee	Sustainability Education and Practice	Committee Member
2018	2 nd EE Conference for educators, Kibbutzim College of Education, Israel	Opening Session and Leader of Drawing Session as a Pedagogical and Research Tool	Organizer, Chair, and presenter
2017-2020	Environmental and Sustainability Education (ESE) SIG, Comparative and International Education Society (CIES)	Chair of the Special Interest Group (SIG) focusing on Sustainability Education at the Comparative International Education Society (CIES) conference. Within this framework, I organized the article reviews and sessions on EE at four conferences	Chair and Co-Chair
2017	17 th EE Conference, Beit Berl College in collaboration with Kibbutzim College, Kfar Saba, Israel	Climate Change and Environmental Education Research	Chair
2016	16 th EE Conference, Kibbutzim College of Education, Tel Aviv, Israel	Green Up to the Roof – On Urban Agriculture and Green Roofs	Chair
2008-present	EE Research Forum in Israel		Member and Co-Chair
2000-2009	Environmental Education Conferences - Children Leading Change, Society for the Protection of Nature, Israel	9 conferences dealing with topics such as: “Green Map”, “Not in my back yard (NIMBY)”, “Open spaces in Israel”, and “Youth	Member and the Leader of the Steering Committee

Date	Name of Conference, Place of Conference	Subject of Conference	Role
		activism”	
2001-2006	The Globe Teachers Conference (“Hakadur Beyadenu”), in collaboration with the Green Network, the Society for the Protection of Nature, the Ministry of Environmental Protection, and the Ministry of Education.	Environmental Education	Member of the Steering Committee

Research Grants

A. Grants Awarded

Year	Role in Research	Co-Researchers	Topic	Funded by, Amount
2023	PI	Adi Sharabi	Outdoor learning for special education students	Shalem Foundation: 66,500 Shekel (2 years)
2023	PI		Gathering plants and the impact on children sense of place	Ramat Hanadiv: 10,000 Shekel (1 year)
2022	PI		Climate change education	Israel Ministry of Education: 60,000 Shekel (1 year)
2021	Co-PI	Adiv Gal	Research practice partnerships – Leading working group grant	Israel Ministry of Education: 24,796 Shekel (1 year)
2021-2023	PI	Pizmony-Levy Oren	COVID-19 crisis, climate change, and distance teaching	Kibbutzim College of Education: 6000 Shekel (2 years)
2021-2023	PI	Iris Alkaher & Nirit Assaf	Forest schools in Israel - policy	MOFET Institute’s Grant: 15,000 Shekel (2 years)
2021	PI	Iris Alkaher	Forest schools in Israel	Kibbutzim College of Education: 7500 Shekel (1 year)
2020-2022	Co-PI	Iris Alkaher	Long-term Impact of environmental education	National and Parks Authority: 46,800 Shekel (2 years)
2018-2021	Co-PI	Adiv Gal	Outdoor learning in environmental education	Joint Institute: 360,000 Shekel (3 years)
2018-2020	PI		Nature Guides	Society for Protection of Nature in Israel: 20,000 Shekel (2 years)
2017	PI	Adiv Gal	Drawing analysis for understanding the concept	Kibbutzim College of Education:

Year	Role in Research	Co-Researchers	Topic	Funded by, Amount
			social-ecological systems	5000 Shekel (1 year)
2017-2019	PI		Students lead a sustainable change in campus.	MOFET Institute's Grant: 28,000 Shekel (2 years)
2016	PI	Adiv Gal	Pilot study	MOFET Institute's Grant: 5000 Shekel (1 year)

B. Research Proposals Submitted – Pending

Year	Role in Research	Co-Researchers	Topic	Funded by, Amount (was not accepted)
2022	PI		Climate change education	KKL (“Keren Kayemet Le’Israel”): 200,000 Shekel
2021-2022	Co-PI	Consortium with 7 European partners, MOFET Institute’s organization	Thinking Utopia	Horizon 2020* 3 Million Euro *was submitted twice
2020	PI		Outdoor Education and Social Educational Gaps in Israeli Arabs Schools	Spencer Foundation \$49,988.40

Research Practice Partnerships

Academic Guidance and Research Projects within the Center for Sustainability Education at Kibbutzim College

Year	Topic	Organization
2021 – 2023	Educational research on climate change implementation	Environmental Unit in the Sharon region
2022 – 2023	Climate Change Education research	Tel Aviv Municipality
2023 – Present	Eco-humanistic Pre-military Preparatory Program	“Metzar” Pre-military preparatory program
2021 – 2023	Academic guidance regarding outdoor teaching and learning	Amos Oz School, Tel Aviv
2020 – 2022	Research guidance regarding littering in Israel	Clean Organization
2020 – 2021	Impact of Environmental Education Program in the Shikma River Basin	Nature and Parks Authority
2019 – Present	Action research on leadership and outdoor pedagogy	“Havat H’Noy” – Botanical Garden
2019 – 2021	Impact of extracurricular instruction-integrated outdoor education programs	Lady Davis School
2018 – 2020	Creating positive experiences through nature guides	Society for the Protection of Nature
2018 – 2021	Green learning spaces in schools	Joint Israel & Ministry of Education

Scholarships, Awards and Prizes

2018-2020	MOFET Institute, Post-doctoral fellowship, Environmental Educational Leadership. 108,000 Shekel.
2000	Haifa University, Deans Honors, Master Degree.
1998	Zigel competition award in Harpsichord playing.
1997	The Jerusalem Academy of Music, Israel. Harpsichord playing competition award.
1996	American-Israel Cultural Foundation, Harpsichord playing fellowship.

Teaching

A. Teaching Experience in Academic Institutions

Year	Name of Course	Degree	Academic Institution
2024	Natural Resources in a Global Warming World	M.Ed.	Kibbutzim College of Education
2024	Climate Change Education (Virtual-asynchronous course)	B.Ed.	Kibbutzim College of Education
2024	Sustainability Education (Virtual - asynchronous course)	B.Ed.	Kibbutzim College of Education
2024	Outdoor Learning	B.A.	Tel-Hay College
2024	Environmental Psychology	B.A.	Tel-Hay College
2023	Academic writing seminar	B.Ed.	Kibbutzim College
2021-2023	Sustainability and the Arts	M.Ed.	Kibbutzim College
2020-present	Climate Change Education in a Global and Local Perspectives	M.Ed.	Kibbutzim College
2020-2023	Nature description in classical music	B.Ed.	Kibbutzim College
2020-present	Academic Writing Seminar for Thesis Students	M.Ed.	Kibbutzim College
2020-present	Social Ecological Systems	M.Ed.	Kibbutzim College
2018-present	From Ecological Thinking to Environmental Citizenship: Action Research	M.Ed.	Kibbutzim College
2018-2022	Sustainability Education (face to face)	B.Ed.	Kibbutzim College
2003-2004	Nature in its season	B.Ed.	Oranim College
1998-1999	Environment issues in Israel (transportation, air and water quality, the Dead Sea, the problem of open spaces in Israel).	B.Ed.	Beit Berl College.

B. Leading Student Delegations Abroad

2021, 2022 - Guiding two student delegations to New York City during Climate Week, engaging in collaborative learning at Teachers College, Columbia University, and collecting data on youth climate activism in New York. As part of these delegations, we participated in youth climate activism in New York, gathered data on youth characteristics in collaboration with students from Teachers College at Columbia University, and established a research partnership integrating students from the Environmental Education Master's program.

C. Teaching Experience in Non-Academic Classes and Assistant

- 2015-Present Environmental Organizer and Lecturer, Kibbutzim College of Education and the Arts. Duties: leading a professional development groups (Sustainability Leadership Program), leading an environmental education conference, developing pro-environmental activism as part of student and staff life on campus.
- 2012- 2014 Hebrew Teacher, Gan Shelanu, Shechter School. Professional Hebrew teacher for preschool (ages 3-4 years old). Full responsibility for class.
- 2011-2012 Hebrew Teacher, Gann Academy High School. Professional Hebrew teacher for Upper school (grades: 9th-12th). Full responsibility for class including design, preparation, instruction and evaluation. Teaching according to the “Proficiency” program.
- 2010- 2011 Hebrew Teacher, Maimonideis School. Professional Hebrew teacher for Middle school and Upper school (grades: 6th-12th). Full responsibility for class including design, preparation, instruction and evaluation. Teaching according to “Neta” program.
- 2000-2003 Teaching Assistant: Introduction to Geography for MA students. University of Haifa, Management of Natural and Environmental Resources Program. Duties: full responsibility for class including design, preparation, instruction and evaluation.
- 2000-2003 Teaching Assistant: Introduction to Biology for MA students. University of Haifa, Management of Natural and Environmental Resources Program. Duties: full responsibility for class including design, preparation, instruction and evaluation.

D. Supervision of Graduate Students

Student Name	Title of Thesis	Degree	Institution / Department	Co-supervisor	Date of Completion
Moriya Netzer	The socio-environmental foundation for the growth of urban forest schools in Israel in the context of climate change	PhD	Haifa University, Israel; Management of Natural and Environmental Resources Department	Prof. Ofira Ayalon	On going
Joana Rotman	Solestalgia and environmental education – bridges for action within youth and children	PhD	Lisbon University, Portugal	Prof. João Guerra	On going
Aya Nathan	Youth in Israel dealing with climate	MA	Kibbutzim College of		2023

Student Name	Title of Thesis	Degree	Institution / Department	Co-supervisor	Date of Completion
	change: Characteristics, motivators, and attitudes toward the topic.		Education		
Netta Nissim	Processes of Change in Training Characteristics and Professional Development of Young Guides	MA	Kibbutzim College of Education	Iris Alkahr	2023
Tara Elad	School Memories as Shapers of Environmental Identity - The Impression Left by Environmental Education Programs in Elementary School Students	MA	Kibbutzim College of Education	Adiv Gal	2023
Liat Zer Koch	How to Implement Holistic Environmental Education: Research on a Multidisciplinary, Contemplative Course in Teacher Training	MA	Kibbutzim College of Education	Netta Bar- Yosef Paz	2023
Hagit Wixelfish	Covid-19 pandemic and Environmental Education: Educators' Perceptions	MA	Kibbutzim College of Education	Nirit Assaf	2023
Erez Laxman	Examination of the Implementation of the Administrators' Vision in Teacher Work and Student Perceptions at "Havat H'Noy" in the "Hefer Valley"	MA	Kibbutzim College of Education	Adiv Gal	2022
Talia Eshet	Classroom Climate Before and After Pedagogical Intervention in the Implementation of an Environmental Studies Unit Focusing on Outdoor Education	MA	Kibbutzim College of Education	Adiv Gal	2022
Yuval Keren	Contribution of Green Learning	MA	Tel-Aviv University,	Adiv Gal	2021

Student Name	Title of Thesis	Degree	Institution / Department	Co-supervisor	Date of Completion
	Spaces in Elementary Schools to Effective Teaching and Socio-Emotional Learning		Porter School of Environmental Studies		
Moriah Netzer	Characteristics of the Home-Literacy Culture with an Emphasis on Teachers' Feelings in Schools where Long-term Environmental Education Programs are Operated	MA	Kibbutzim College of Education	Amos Drayfus and Adiv Gal	2020
Or-El Asa'o	Green Schools in Israel: Drivers and Barriers to Promoting the Subject in Schools	MA	Kibbutzim College of Education	Oren Pizmoni-Levy & Adiv Gal	2020
Tamar Segal	Action Research on Collaborative Learning of Environmental Education Students and Its Contribution to Their Ability to Lead Social-Environmental Change	MA	Kibbutzim College of Education	Iris Alkaher	2020
Elvira Progrebinsky	Youth Climate Protest in Israel: Characteristics, Motivations, and Perceptions of Schools' Role in Climate Change and Activism	MA	Kibbutzim College of Education	Iris Alkaher	On going
Ortal Tal	Messages, Emotions, Knowledge, and Attitudes of Israeli Adolescents Through Visual Representation of Climate Protest	MA	Kibbutzim College of Education		On going
Shani Shpilman	Teachers' Feelings Towards Teaching Climate Change in Israel	MA	Kibbutzim College of Education	Iris Alkaher	On going
Gilad Ya'akobi	Mindfulness Characteristics	MA	Kibbutzim College of	Nirit Assaf	On going

Student Name	Title of Thesis	Degree	Institution / Department	Co-supervisor	Date of Completion
	Among Forest Educators in Israel		Education		
Naama Gur Lavi	Policy of Outdoor Learning in Israel	MA	Kibbutzim College of Education	Iris Alksher	On going
Hagit Yosha	Environmental Perception of 4th Grade Students at Alona Elementary School towards Taninim Stream	MA	Kibbutzim College of Education	Adiv Gal	On going
Chen Mayan Ziv	Education for Climate Change from the Perspectives of Parents and Teachers in Israel	MA	Kibbutzim College of Education	Iris Alksher	On going

Other Professional Activities

Years	Title of Activity	Duties Descriptions	Type of Work	Organization
2011-2012	Pedagogical Writing	Developing and writing environmental education activities for the Environmental Education Book	Non-Academic writing	Heshel Center
2001-2010	Manager of Curricular Writing and training courses	- Management of curricular development at the national level, with an emphasis on education for activism.	Managerial	Society for the Protection of Nature
2001-2010	Training Course Management	Designing and leading courses for coordinators, instructors, and teachers to promote and implement environmental education in formal and non-formal systems. Managing and developing training courses addressing disparities in Israeli society and environmental-educational activism.	Managerial	Society for the Protection of Nature
2001-2010	Tour Guide Training Management	Managing training courses for tour guides according to Ministry of Education standards. Conducting guide courses for tour instructors (approved by the Ministry of	Managerial	Society for the Protection of Nature

Years	Title of Activity	Duties Descriptions	Type of Work	Organization
		Tourism). Training approximately 200 graduate and young guides annually.		
2001-2010	Resource Mobilization	Involvement in resource mobilization from foundations, various organizations, government offices, and participation in writing tenders in which the society won.	Managerial	Society for the Protection of Nature
2001-2010	National and Regional Collaboration	Participation in various projects and national steering committees to promote environmental education in Israel. Collaboration with the Ministry of Environmental Protection and the Ministry of Education to promote environmental education in Israel in various frameworks.	Managerial	Society for the Protection of Nature
2001-2010	Project Management	Leading the Children and Youth Conference, a national multi-participant conference involving content development, construction, and management of a large budgetary and team system.	Leadership Development	Society for the Protection of Nature
2001-2010	Team Management and Teacher Guidance	Leading teacher teams and providing guidance. - Conducting training sessions and lectures for a large number of participants. - Providing personal guidance for teachers and instructors.	Leadership Professional Development	Society for the Protection of Nature in Israel

PUBLICATIONS

Thesis and Dissertation

- 2016 Ed.D. Educational leadership—Curriculum, teaching, learning, and leadership. Topic: Environmental Education & Citizenship. Thesis Title: *Environmental education and citizenship: A case study of elementary teachers and principals perspectives in Israel*; approved: 17.12.2016, 277 pp, [English], Northeastern University, Boston, MA; Adviser: Dr. Jane Lohmann.
- 2003 M.A. Management issues and environmental conflicts regarding minimizing solid waste being sent from “Hiria” site for landfilling. 12.2003, 50 pp, [Hebrew]; Haifa University, Advisers: Prof. Uri Marinov, Prof. Moti Sechter, Prof. Ofira Ayalon.

Articles in Refereed Journals

Note: Journal Ranking by the CiteScore Best Quartile. Citations by Google Scholar. Order of authors: Authors' contributions are equally valuable regardless of their order of appearance. In all publications, my contribution significantly impacts research and writing.

* Marks publications since last promotion

A. Published

1. *Gal, A., Schur, Y., Nevo, E., & Gan, D. (2023). Using drawings and explanations based on attentive teaching as a means for understanding the social-ecological systems concept. *Environmental Education Research*, 29(2), 287-307. **(Impact Factor – 3.725; Q1) [Google Scholar – 1 citations]**
2. *Gan, D., Alkahr, I., & Segal, T. (2023). Incorporating collaborative learning in teacher education to foster self-efficacy to implement environmental citizenship: an action research. *International Journal of Sustainability in Higher Education*, 24(3), 700-718. **(Impact Factor – 3.9; Q1) [Google Scholar – 2 citations]**
3. *Gan, D., & Gal, A. (2022). Student emotional response to the lesser kestrel environmental and sustainability education program. *Environmental Education Research*, 29(1), 99-120. **(Impact Factor – 3.725; Q1) [Google Scholar – 4 citations]**
4. *Gan, D., Assaf, N., Alkahr, I., Gur-Lavy, N., & Lev, N. (2022). A Global Perspective on Out-of-Classroom Learning Policy. *Ecology and Environment*, 13(2). [Hebrew].
5. *Alkahr, I., & Gan, D. (2022). The Israeli Climate Discourse: Education in the Field of Climate Change in a Complex Reality. Round Table Discussion. *Ecology and Environment*, 13(2). [Hebrew].
6. Assaf, N., & Gan, D. (2021). Environmental education using distance learning during the COVID-19 lockdown in Israel. *Perspectives in Education*, 39(1), 257-276. **(Impact Factor – 0.34; Q4) [Google Scholar – 19 citations]**
7. Gal, A., & Gan, D. (2021). Imagine a school: Children draw and explain the ideal environmental school. *Australian Journal of Environmental Education*, 37(3), 208-223. **(Impact Factor – 0.6; Q2) [Scholar GPS – 1 citation] [Google Scholar – 7 citations]**
8. Pizmony-Levy, O., & Gan, D. (2021). Introduction to special issue: Learning assessments for sustainability? Exploring the interaction between two global movements. *Education Policy Analysis Archives*, 29, 121-128. **(SJR – 0.471; Q2) [Google Scholar – 1 citations]**

9. Gal, A., **Gan, D.**, Ben Zvi-Assaraf, O. (2021). Can Elementary School Students Understand the Complexity of the Lesser Kestrel's Ecological system? *Interdisciplinary Journal of Environmental and Science Education*, 17(1), e2226.
(Impact Factor – 0.9; Q2) [Google Scholar – 2 citations]
10. **Gan, D.** (2021). Environmental education leadership - the perceptions of elementary school principals as expressed in their drawings and explanations. *Environmental Education Research*, 27(10), 1440-1466.
(Impact Factor – 3.725; Q1) [Google Scholar – 13 citations]
11. **Gan, D.** (2021). Perspectives on environmental education, citizenship, and assessment: A case study of elementary school teachers and principals in Israel. *Education Policy Analysis Archives*, 29, 127.
(SJR – 0.471; Q2)
12. **Gan, D.**, Alkahrer, I. (2021). School staff perceptions on education for sustainability and sense of community as reflected in an elementary school culture in Israel. *Environmental Education Research*, 27(6), 821-847.
(Impact Factor – 3.725; Q1) [Google Scholar – 6 citations]
13. **Gan, D.**, Nevo, E., Schur, Y., Gal, A. (2021). Attentive teaching for conceptual changing in understanding the concept of social-ecological systems. *Dapim* 75, 163-190. [Hebrew]
14. Avrieli-Avni, N., **Gan, D.** (2020). Environmental citizenship, system thinking and mapping the field of action using action research. *Dapim* 71, 193-220. [Hebrew]
15. Alkahrer, I., **Gan, D.** (2020). The role of partnerships between schools and different actors in the community in promoting education for sustainability and social capital. *Journal of Environmental Education*, 51(6), 416-433.
(Impact Factor – 2.975; Q2) [Google Scholar – 21 citations]
16. Gal, A., **Gan, D.** (2020). Transformative sustainability education in higher education: activating environmental understanding and active citizenship among professional studies learners. *Journal of Transformative Education*, 18(4), 271-292.
(SJR – 0.7; Q2) [Google Scholar – 30 citations]
17. **Gan, D.**, Assaf, N. (2020). Outdoor learning in turbulent times – Covid-19 and social-ecological systems. *Ecology and Environment*, 11(1). [Hebrew]
18. **Gan, D.**, Gal, A., Varga, A., & Réka K. (2019). Do eco-schools really help implementation of ESD? A comparison between eco-school systems of Hungary and Israel. *Hungarian Educational Research Journal*, 9(4), 628-653.
(SJR – 0.1; Q4) [Google Scholar – 27 citations]
19. Avrieli-Avni, N., **Gan, D.** (2019). Nurturing environmental citizenship by mapping the field of action. *International Journal of Sustainability in Higher Education*. 20(6), 985-1001.
(Impact Factor – 3.9; Q1) [Google Scholar – 7 citations]
20. Avissar, I., Alkahrer, I., **Gan, D.** (2018). The role of distributed leadership in mainstreaming environmental sustainability into campus life in an Israeli teaching college: A case study. *International Journal of Sustainability in Higher Education*. 19(3), 518-546.
(Impact Factor – 3.9; Q1) [Google Scholar – 35 citations]
21. **Gan, D.**, Gal, A. (2018). Self-efficacy for promoting EfS among pre-service teachers in Israel. *Environmental Education Research*, 24(7), 1062-1075.
(Impact Factor – 3.725; Q1) [Google Scholar – 29 citations]
22. **Gan, D.**, Gal, A. (2018). What went well? Understanding the culture of a long-term Israeli environmental education primary school program. *Australian Journal of Environmental Education*, 34(3), 262-289.
(Impact Factor – 0.6; Q2) [Google Scholar – 5 citations]
23. **Gan, D.**, Falick, O., Vaknin, M., Gal, A. (2018). Being excited about the lesser kestrel – Environmental education program. *Ecology and Environment*, 9(4), 36-41. [Hebrew]
24. Laor, T., **Gan, D.**, Avissar, I., (2018). Environmental activists in Israel – What Motivates Them? *Ecology and Environment*, 9(1), 58-64. [Hebrew]

25. Gal, A., **Gan, D.** (2017). The perceptions of college students from diverse cultural backgrounds towards the concept of socio-ecological systems within the context of the Jewish-Arab conflict. *Negev, Dead Sea, and Arava Studies*, 9(2), 33-48. [Hebrew]

B. Submitted for Publication

26. ***Gan, D.**, Alkahaer, I. From local to global: Impact of an educational multicultural journey to Ethiopia on student and staff identities and citizenship in the global and local spheres.
27. *Pizmony-Levy, O., & **Gan, D.** Don't Look Up :Teachers Navigating Multiple Educational Movements in Times if Climate Crisis.
28. ***Gan, D.**, & Alkahaer, I., Gan, D. Moving between local and global: The impact of an educational multicultural journey of students and staff to Ethiopia on their identities and citizenship in the global and local spheres.
29. *Gal A., Schur Y., Nevo, E., & **Gan, D.** Using Drawings as a Methodological Tool in Understanding the Concept Social-Ecological Systems.
30. *Lev, N., Ayalon, O., Negev, M., & **Gan, D.** Littering in Israel according to decision-makers.
31. *Netzer M., **Gan, D.** Ayalon, O. Parental Perceptions of the Untapped Potential Linking Forest Education and Climate Change
32. ***Gan, D.**, & Bar-Yossef-Paz, N. Sustainability, Literature and Art in Advanced Teacher Education.
33. ***Gan, D.**, Alkahaer, I., Assaf, N., Lev, N., and Netzer, M. Forest Education: A Global Phenomenon and Local Expression in Israel According to the Policy Entrepreneurship Approach [Hebrew].

Chapters in Books

A. Published

1. ***Gan, D.**, Alkahaer, I., Assaf, N., Lev, N., & Gur-Lavie, N. (2023). Is Policy the Whole Story? International Trends and Perspective in Policy Making and Enactment in Outdoor Environmental Education. In *Outdoor Environmental Education in the Contemporary World* (pp. 33-47). Cham: Springer International Publishing.
2. *Aloni, N., **Gan, D.**, Alkahaer, I., Assaf, N., Bar-Yossef Paz, N., Gal, A., Lev, N., Margalio, A., Segal, T. (2023). Nature, humans, and education: Ecohumanism as an integrative guiding paradigm for values education and teacher training in Israel. In Rozzi, R. (Ed.). *Field Environmental Philosophy*. [**Google Scholar – 3 citations**]
3. *Aloni, N., **Gan, D.**, Gal, A., Elcharar, A., Bar-Yosef-Paz, N., Asaf, N., Segal, T., Lev, N., & Mergliot, A. Eco-Humanism Now for Tomorrow (2023) In: Y. Harpaz & A. Karmon (Eds.). *Educational Visions in Six Steps: Systematic Proposals for Alternative Education*. Resling, 53-79. [Hebrew]
4. ***Gan, D.**, Alkahaer, I., Rudick, D., & Botzer, A. (2023). Education for Sustainability as a Community Promoter: The 'Afek' School, Rosh Ha'ayin as a Case Study. In: *Sustainability and Community*, Porter School, Tel Aviv University. [Hebrew].
5. Dunitz, D, Avissar, I & **Gan, D.** (2017). Education for sustainability: Using the society/environment and global/local binaries as catalysts for pedagogical renewal. In: N. Aloni & L. Weintrob (Eds.). *Beyond Bystanders. Educational Leadership for a Humane Culture in a Globalizing Reality*. pp. 307-318. [**Google Scholar – 1 citation**]

B. Accepted for Publication

1. ***Gan, D.**, & Gal, A. (forthcoming). Natural Resources as a Source of Inspiration and Motivation for Transformative Learning: Extracurricular Learning Spaces, Digital Pedagogy, and Collaborations in the Era of Environmental Crisis. In: Y. Yundler &

- N. Avissar (Eds.). "Growing Learners for the Already Here Future: Towards Hybrid Participatory-Humanistic Pedagogy". [Hebrew & English]
2. ***Gan, D.**, & Bar-Yosef Paz, N. (forthcoming). "Between the Trees and the Non-Trees": Sustainability, Literature, and Arts. In: Y. Yundler & N. Avissar (Eds.). "Growing Learners for the Already Here Future: Towards Hybrid Participatory-Humanistic Pedagogy". [Hebrew & English]

Articles in Conference Proceedings

A. Published

1. ***Gan, D.**, & Gal, A. (2022). Informal science learning in formal contexts: Children Help to Save Endangered Falcon in Israel. The 10th WEEC, Bangkok.
2. Alkahrer, I. & **Gan D.** (2019). The Role of Partnerships between School and Different Actors in the Community in Promoting Education for Sustainability and Social Capital. ECER - Education in an Era of Risk – the Role of Educational Research for the Future, European Educational Research Association (EERA) annual meeting. Hamburg, Germany.
3. Gal, A. & **Gan, D.** (2017). What went well? Long-Term Environmental Education in an Elementary School in Israel. The annual conference, American Education Research Association (AERA). AERA Online Paper Repository.
4. Gal, A. & **Gan, D.** (2017). Transformative learning: Diverse teaching methods, learning outcomes, and the students' understanding of the social-ecological systems concept. Proceedings of 42nd International Conference on Improving University Teaching, Israel: MOFET institute, Tel Aviv, Israel.
5. Pizmony-Levy, O. & **Gan, D.** (2015). The Ecology of Organizational Change: School Principals' Perspectives on Green Schools in Israel. The annual conference, American Education Research Association (AERA), Retrieved 5/12/16, from the AERA Online Paper Repository.
6. Pizmony-Levy, O. & **Gan, D.** (2011). Green Schools Certificate in Israel: Social Predictors of Early Adoption. The annual conference, American Education Research Association (AERA). Retrieved 5/12/16, from the AERA Online Paper Repository.

Other Publications

A. Technical Reports

1. *Lev, N., Alkahrer, I., Zer Koch, L., & **Gan, D.** (2023). Forest education in Israel according to policymakers' perspectives. Research report summary submitted to Kibbutzim College of Education. [Hebrew]
2. *Lev, N., Alkahrer, I., Netzer, M., & **Gan, D.** (2023). Forest education in Israel: Characteristics of the phenomenon and its development according to educators' perspectives. Research report summary submitted to MOFET Institute. [Hebrew]
3. Alkahrer, I., **Gan, D.**, Lev, N. (2021). Outdoor learning program and its influence on students' knowledge, attitudes, and behavior. Research report for the Israel Nature and Parks Authority. [Hebrew]
4. **Gan, D.**, Lev, N. (2021). Littering in Israeli public spaces. "Naki" organization. [Hebrew]

5. Aloni, N., Margalioth, A., **Gan, D.**, Gal, A., Assaf, N., Segal, T., Bar Yosef-Paz, N., Alkahrer, I., Berkowitz, M., and Lev, N. (2020). Ecohumanism so there will be a tomorrow. Integrative Value Education for the 21st century. The Center of Environmental Sustainability, Faculty of Science, and the Institute for Progressive Education, UNESCO Chair in Humanistic Education, Kibbutzim College of Education, Technology and the Arts.
6. **Gan, D.**, Gal, A., Lev, N. (2020). Outdoor learning, final research report. Joint Israel and the Ministry of Education, Israel. [Hebrew]
7. **Gan, D.**, Gal, A., & Lev, N. (2020). Green Learning Spaces: Models for Implementation, Interim Report II submitted to Joint Israel and the Ministry of Education, Israel. [Hebrew]
8. **Gan, D.**, Gal, A., & Lev, N. (2019). Green Learning Spaces: First Interim Report submitted to Joint Israel and the Ministry of Education, Israel. [Hebrew]
9. **Gan, D.** (2017). Understanding the concept of social-ecological systems, using drawings analysis. Kibbutzim College of Education and the Arts, research report. [Hebrew]
10. **Gan, D.** (2017). Students lead environmental change in Kibbutzim College of Education and the Arts. Research Report, MOFET Institute, Israel. [Hebrew]

B. Education Papers

1. **Gan, D.** (2008). Education and sustainability in the Society for Protection of Nature in Israel, Eureka - Journal of Science and Technology Education, 26. [Hebrew]
2. **Gan, D.** (2004), From thinking to action: Investigation as motivation for helping animals, HaKadur BeYadenu: Social-Environmental Education Journal, 8. [Hebrew]
3. **Gan, D.** (2003). A small story about a big success, HaKadur BeYadenu: Social-Environmental Education Journal, 7. [Hebrew]
4. **Gan, D.** (2003). Solar energy project, HaKadur BeYadenu: Social-Environmental Education Journal, 6. [Hebrew]
5. **Gan, D.** (2001). In the school yard, HaKadur BeYadenu: Social-Environmental Education Journal, 2. [Hebrew]
6. **Gan, D.** (2001). Green map in Israel, HaKadur BeYadenu: Social-Environmental Education Journal, 1. [Hebrew]

* HaKadur BeYadenu (“The Globe is in Our Hands”) is associated with “Green Teacher”, a journal that helps youth educators enhance environmental and global education inside and outside of schools.

C. Policy Reports and Curriculum Documents

1. Tal, T., **Gan, D.**, Morag, O. and Alexandri E. (2009). Environmental Education and Sustainability Education – Principles, Ideas and Implementation. Jerusalem: Ministry of Environmental Protection. [Hebrew]
2. **Gan, D.** (2007). Holding Water: Educational Program for K-6. Tel-Aviv: Society for the Protection of Nature. [Hebrew]
3. **Gan, D.** (2006). Green Map in Israel: Children’s Environmental Conference. Tel-Aviv: Society for the Protection of Nature. [Hebrew]
4. **Gan, D.** (2005). Illuminate the City: Children’s Environmental Conference. Tel-Aviv: Society for the Protection of Nature. [Hebrew]

5. **Gan, D.** (2004). Environmental education between formal and informal education: School, community and environmental organization In: National Priorities in Environmental Issues in Israel. Haifa: S. Neaman Institute, Technion – Israel Institute of Technology. [Hebrew]
6. **Gan, D.** (2004). From the Back Yard to the Front Yard: Children’s Environmental Conference. Tel-Aviv: Society for the Protection of Nature. [Hebrew]
7. **Gan, D.** (2002). Children Lead Change: Educational Program for K-10. Tel-Aviv: Society for the Protection of Nature. [Hebrew]

D. Interviews in the Media and Newspaper (Mention of Research and Academic Activities)

Date	Topic	Name and Type of Media
August 2023	Interview about Eco-Humanism – Podcast	Tav Hinech (Education Now)
August 2023	Climate Crisis - Generation Z's Version (quote from research)	Y-NET
November 2022	Interview about youth climate change conference	Iman Kasem Saliman - Reshet Bet (Radio)
April 2022	Forest Education, TV Interview	Channel 13
March 2022	Youth Climate Protest, TV Interview	Sharon Veksler (TV Program)
January 2022	Climate Education in Schools, TV Interview	Yarok (Green) (TV Program)
October 2021	Climate Education in Israel, Radio Interview	Reshet Bet, Keren Noybach (Radio)
September 2022	Thinking Outside the Classroom (quote from research)	Y-NET
September 2022	Thinking Outside the Classroom (quote from research)	Zavit BeChinuch (Education Angle)
July 2022	If Most Youth are Disturbed by the Climate Crisis, Why is There so Little Discussion? (quote from research)	Haaretz
June 2022	How to Explain to Children the World is in Danger Without Scaring Them? (quote from research)	Y-NET
February 2022	The Ugly Israeli? Environmental Cleanliness, (quote from research)	Walla
June 2021	The Climate Crisis Not in Our Schools (quote from research)	Yedioth Ahronoth, Ilana Kuriel