

Personal information:

Name: Gidon Winters
Date of birth: 28/06/1971
Family status: Married (+3 children)
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**Education:**

2002 - 2008 PhD (Plant Sciences), Tel Aviv University, Tel Aviv, Israel. Thesis subject: Non-intrusive techniques for monitoring the physiology of reefs – implications for reef monitoring. PhD advisors: Prof. Sven Beer and Prof. Yossi Loya.
1998 - 2000 M.Sc. (Ecology and Environmental quality), Tel Aviv University, Tel Aviv, Israel. Thesis subject: The use of pulse amplitude modulated (PAM) fluorometry in coral photosynthesis research. Advisors: Prof. Sven Beer and Prof. Yossi Loya
1994 - 1998 B.Sc. (Biology), Haifa University, Haifa, Israel.
Teacher's certificate (sciences, high school), Haifa University, Haifa, Israel.

Academic positions held:

2019 - present Senior Lecturer, Eilat Campus, Ben-Gurion University of the Negev, Eilat, 88100, Israel (adjunct researcher)
2012 - 2020 Lecturer at the Arava International Center for Agricultural Training (AICAT) (courses listed below).
2011 - present Researcher at the Central Arava branch of the Dead Sea and Arava Science Center, Hazeva, Israel
2008 - 2010 Post-Doctoral research fellow, Institute for Evolution and Biodiversity, Westfälische Wilhelms-Universität, Münster, Germany.

Other positions:

- 2002 - 2006 Teaching assistant at the Inter-University Institute for Marine Biology at Eilat, Israel (courses listed below).
- 2007 - 2008 Lecturer at the Arava Institute for Environmental Studies (AIES) (courses listed below).
- 2002 - 2006 Teaching assistant at the Inter-University Institute for Marine Biology at Eilat, Israel (courses listed below).
- 1996 - 1999 Education officer, Israel Nature and Parks Authority (INPA), Nahal Me'arot Reserve, and Tel Aviv University Botanical Gardens.
- 1994 - 1998 Education officer, Israel Society for Nature Protection.

Awards:

- 02/2010 German Academic Exchange Service (Deutscher Akademischer Austausch Dienst; DAAD) travel award (to take part in the 2010 Ocean Sciences ASLO Meeting, Portland, Oregon, USA).
- 02/2008 MINERVA Foundation 2 yr Post-Doc fellowship, Germany
- 07/2006 Katzir-Katchalsky student travel award, Weizmann Institute of Science, Israel.
- 04/2001 Scholarship from the Mexican-Israeli bi-national agreement for research at Institute for Marine Science and Limnology Puerto Morelos, the National Autonomic University of Mexico (UNAM).
- 07/2000 Lumpkin Scholarship to attend an international summer program, Duke University Marine Lab (Beaufort, NC) focusing on marine conservation and policy-related courses.
- 02/1995 Amnon Yadin award for excellence in research for B.Sc. students

Awarded Grants:

Date	Research Topics	Funding organization	Awarded Sum
2013-2015	Mapping seagrasses meadows in the northern part of the Gulf of Eilat	Israeli Ministry of Environmental Protection	150,000 NIS
2015-2016	Identification of new stress-resistant bacteria with potential biotechnological assets – stage I: building the platform	ICA in Israel	US\$ 35,000
2015-2019	Monitoring acacia trees in the Evrona nature reserve following the Dec 2014 oil pollution site	HaMaarag, Israel's National Nature Assessment Program	216,560 NIS
2015	Investigating rapid evolutionary adaptation in the global invasive marine angiosperm, <i>Halophila stipulacea</i> (Co-PI), with Prof. Simon Bark (BGU).	Sol Leshin Program for Collaboration between BGU and UCLA	US\$ 25,000
2016	Developing an integrated framework for studying <i>Halophila stipulacea</i> , the world's first globally invasive marine angiosperm (Seagrass)	EuroMarine Foresight Workshop (horizon scanning)	€ 4,000
2016	Comparative transcriptome analysis of a globally invasive marine angiosperm, <i>Halophila stipulacea</i> in the invasive and native range (Co-PI), together with Prof. Simon Bark (BGU).	Sol Leshin Program for Collaboration between BGU and UCLA	US\$ 25,000
2016-2017	Differences in morphological, physiological and genetic traits between native (northern Red Sea) and invasive (Cyprus) populations of <i>Halophila stipulacea</i> .	COST Action 15121	€ 5,000
2016-2019	Acacias as bioindicators of open spaces in the Arava.	Israel Land Authority	390,000 NIS
2018-2020	Application of molecular tools for detecting early signals of stress in Israeli & Italian seagrass species.	Israeli Ministry of Technology and Science	420,000 NIS
2018-2019	SeaChange: Israeli seagrasses under climate change – a valuable scientific and educational platform for studying simulated climate change scenarios.	ICA in Israel	US\$ 36,000
2019-2020	Survival and growth strategies of acacia trees: Iconic desert landscapes under climatic risks (Co-PI) (together with Dr. Tamir Klien (Weizmann Institute) and Dr. Efrat Sheffer (Hebrew University)).	National Geographic Society	US\$ 33,000

2019-2022	Using seagrasses to develop salt tolerance in crop plants – thinking out of the box (Co-PI), together with Prof. Simon Bark (BGU).	Israeli Ministry of Agriculture, and COPIA - Agricultural Technologies Venture Capital	900,000 NIS
2019	Differences in morphological, physiological and genetic traits between native and invasive populations of <i>Halophila stipulacea</i>	ASSEMBLE PLUS (Horizon 2020 research & innovation program)	€ 4,000
2021-2025	A systems biology analysis of <i>Halophila stipulacea</i> physiological and molecular responses to single and combined stressors related to climate change and eutrophication *Together with Prof. Simon Bark (BGU).	ISF	1,130,863 NIS Over 4 years
2021-2023	Evaluating seagrass ecosystem services in the Gulf of Aqaba *main PI	US AID - Middle East Regional Cooperation Program (MERC)	2,047,991 NIS shared between Israel and Jordan over 3 years
2021-2022	Using the black soldier fly for treating crop waste	Nekudat Hen	55,000 NIS
2020-2023	Impact of trees on the urban microclimate under climate change: Mechanisms and eco-system services of urban tree species in temperate, Mediterranean and arid major cities	DFG	
2021-2023	Developing Strategies to Minimize the Impacts of New Desalination Facilities on the Gulf of Aqaba Ecosystem	US AID - Middle East Regional Cooperation Program (MERC)	2266005 NIS shared between Israel and Jordan over 3 years led by: Prof. Edo Bar-Zeev (BGU)

Teaching experience:

- 2016 - present Lecturer and course coordinator “Biology and Ecology of Marine Angiosperms (Seagrasses) in the Gulf of Aqaba”, Inter-University Institute for marine sciences in Eilat.
- 2012 - 2020 Lecturer, The Arava International Center for Agricultural Training (AICAT): Scientific Methodology (Diploma), Photosynthesis and Marine Biology (M.Sc. program together with Tel Aviv University).
- 2013 Lecturer, BGU campus of Eilat: Marine and Freshwater Aquariums – the theory, technology and the hands-on experience needed today in academia and industry.
- 2007 - 2008 Lecturer, The Arava Institute for Environmental Studies (AIES), Ketura, Israel: Introduction to the Marine Ecosystems of the Red Sea, Ecosystems of the Arava region.
- 1999 - 2006 Teaching assistant the Inter-university Institute for Marine Sciences, Eilat, Israel: Ecosystem of the Red Sea, Marine Photosynthesis, Ecology and Physiology of Marine Algae, Quantitative Methods in Ecology

Supervision of post docs and graduate students:

Post Docs

2019-2020 Dr. Pedro Beca-Carretero, Effects of thermal and nutrient stress on *Halophila stipulacea*.

Ph.D. students

2014 - 2019 Michelle Arland Oscar, "Understanding the physiological and molecular mechanisms that confer salt tolerance upon the tropical seagrass, *Halophila stipulacea*". Co-advisor: Prof. Simon Barak (Ben-Gurion University).

2017 - present Daphna Uni, "Water use in acacia trees". Co-advisors: Dr. Tamir Klien (Weizmann Institute), and Dr. Efrat Sheffer (Hebrew University).

2021 – present Ryan Sirota, "Impacts of New Desalination Facilities on seagrasses and benthic bacteria. Co-advisors: Prof. Edo Bar Zeev (BGU), Eyal Rahav (IOLR)

M.Sc. students

2013 - 2015 Yael Rodger, "Identifying hotspots of genetic diversity of *Acacia tortilis* trees along the Arava valley". Co-advisor: Dr. Shirli Bar-David (Ben-Gurion University).

2015 - 2018 Orly Brandeis, "Contemporary and potential gene flow among *Acacia tortilis* subpopulations". Co-advisors: Dr. Shirli Bar-David, Prof. David Salz (Ben-Gurion University).

2016 - 2017 Tran Hoai Thanh, "Effect of oil-contaminated soil on growth and root development of *Acacia* species", co-advisors: Prof. Amram Eshel (Tel Aviv University) and Dr. Einav Mayzlish Gati (The Agricultural Research Organization, Volcani Center).

2017 - 2018 Hung Manh Nguyen, "Comparing responses of invasive and native *Halophila stipulacea* populations to thermal stress". Co-advisor: Dr. Yuval Sapir (Tel Aviv University).

2020-2021 Jenipher Masawa, "Understanding the interactions between epiphytic foraminifera and their seagrass host *Halophila stipulacea*". Co-advisor: Dr. Michal Gruntman (TAU), Dr. Sarit Ashckenazi- Polivoda (ADSSC)

2021-present Netaly Lipkin, "temporal and spatial dynamics of *Halophila stipulacea* in the northern Gulf of Aqaba. Co-advisor: Dr. Gil Rilov (Uni. Haifa, IOLR).

Services for the academic community:

Reviewer for scientific journals: Coral Reefs, Ecological Indicators, Ecology and Evolution Hydrobiology, Global Change Biology, Journal of Experimental Marine Biology and Ecology, Scientific Reports, Marine Biology, Marine Ecology Progress Series, Marine Environmental Research, Oecologia.

Reviewer for funding agencies: International Foundation for Science (IFS)

Invited PhD examiner: the University of Technology, Sydney, Australia (x2). **Guest**

Associate Editor: Frontiers in Marine Science (research topic on Seagrasses Under Times of Change).

Peer-reviewed publications:

(*denotes student's papers, +denotes post doc's papers)

1. **Winters G.**, Loya Y., Routtgers R., Beer S. (2003). Photoinhibition in shallow-water colonies of the coral *Stylophora pistillata* as measured *in situ*. *Limnology and Oceanography* 48: 1388-1393. <https://doi.org/10.4319/lo.2003.48.4.1388>
2. **Winters G.**, Loya Y., Beer S. (2006) In situ measured seasonal variations in F_v/F_m of two common Red Sea corals. *Coral Reefs* 25: 593-598. <https://doi.org/10.1007/s00338-006-0144-3>
3. Kuguru B., **Winters G.**, Santos S.R., Beer S., Chadwick N.E. (2007). Adaptation strategies of the corallimorpharian *Rhodactis rhodostoma* to irradiance and temperature. *Marine Biology*. 151:1287-1298. (shared 1st authorship). <https://doi.org/10.1007/s00227-006-0589-5>
4. Downs C.A., Kramarsky-Winter E., Woodley C.M., Downs A., **Winters G.**, Loya Y., Ostrander G.K. (2009) Cellular pathology and histopathology of hypo-salinity exposure on the coral *Stylophora pistillata*. *Science of the Total Environment* 407: 4838-4851. <https://doi.org/10.1016/j.scitotenv.2009.05.015>
5. **Winters G.**, Beer S., Ben Zvi B., Z., Brickner I., Loya Y. (2009a) Spatial and temporal photoacclimation of *Stylophora pistillata*: zooxanthella size, pigmentation, location and clade. *Marine Ecology Progress Series* 384: 107-119. <https://doi.org/10.3354/meps08036>
6. **Winters G.**, Holzman R., Blekhman A., Beer S., Loya Y. (2009b) Photographic assessment of coral chlorophyll contents: implications for ecophysiological studies and coral monitoring. *Journal of Experimental Marine Biology and Ecology* 380: 25-35. <https://doi.org/10.1016/j.jembe.2009.09.004>

7. Bergmann N., **Winters G.**, Rauch G., Eizaguirre C., Gu J., Nelle P., Fricke B., Reusch T.B.H. (2010) Population-specificity of heat stress gene induction in northern and southern eelgrass *Zostera marina* populations under simulated global warming. *Molecular Ecology* 19: 2870-2883. [10.1111/j.1365-294X.2010.04731.x](https://doi.org/10.1111/j.1365-294X.2010.04731.x)
8. Franssen U.S., Gu J., Bergmann N., **Winters G.**, Klostermeier U.C., Rosenstiel P., Bornberg-Bauer E., Reusch T.B.H. (2011) Transcriptomic resilience to global warming in the seagrass *Zostera marina*, a marine foundation species. *Proceedings of the National Academy of Sciences* 108: 19276-19281. [10.1073/pnas.1107680108](https://doi.org/10.1073/pnas.1107680108)
9. **Winters G.**, Nelle P., Fricke B., Reusch T.B.H. (2011) The effects of a simulated heat wave on the photophysiology and gene expression of high and low-latitude populations of *Zostera marina*. *Marine Ecology Progress Series* 435: 83-95. <https://doi.org/10.3354/meps09213>
10. Gu J., Weber K., Klemp E., **Winters G.**, Franssen S.U., Wienpahl I., Huylmans A.-K., Zecher K., Reusch T.B.H., Bornberg-Bauer E., Weber A.P. (2012) Identifying core features of adaptive metabolic mechanisms for chronic heat stress attenuation contributing to systems robustness. *Integrative Biology* 4: 480-493. [10.1039/c2ib00109h](https://doi.org/10.1039/c2ib00109h)
11. **Winters G.**, Shklar G., Korol L. (2013) Characterizations of microsatellite DNA markers for *Acacia tortilis*. *Conservation Genetics Resources* 5: 807-809. <https://doi.org/10.1007/s12686-013-9913-9>
12. Franssen U.S., Gu J., **Winters G.**, Huylmans A.-K., Wienpahl I., Sparwel M., Coyer J.A., Olsen J.L., Reusch T.B.H., Bornberg-Bauer E. (2014) Genome-wide transcriptomic responses of the seagrasses *Zostera marina* and *Nanozostera noltii* under a simulated heatwave confirm functional types. *Marine Genomics* 15:65-73. [10.1016/j.margen.2014.03.004](https://doi.org/10.1016/j.margen.2014.03.004)
13. **Winters G.**, Ryvkin I., Rudkov T., Moreno Z., Furman A. (2015) Mapping underground layers in the super arid Gidron Wadi using electrical resistivity tomography (ERT). *Journal of Arid Environments* 121: 79-83. <https://doi.org/10.1016/j.jaridenv.2015.05.008>
14. *Mejia A.Y., Rotini A., Lacasella F., Bookman R., Thaller M.C., Shem-Tov R., **Winters G.**, Migliore L. (2016) Assessing the ecological status of seagrasses using morphology, biochemical descriptors and microbial community analyses. A study in *Halophila stipulacea* (Forsk.) Aschers meadows in the northern Red Sea. *Ecological Indicators* 60: 1150-1163. <https://doi.org/10.1016/j.ecolind.2015.09.014>
15. **Winters G.**, Edelist D., Shem-Tov R., Beer S., Rilov G. (2017) A low-cost field-survey method for mapping seagrasses and their potential threats: an example from the northern Gulf of Aqaba, Red Sea. *Aquatic Conservation: Marine and Freshwater Ecosystems*. 27: 324-339. <https://doi.org/10.1002/aqc.2688>

16. Rotini A., Mejia A. Y., Costa R., Migliore L., **Winters G.** (2017) Ecophysiological plasticity and bacteriome shift in the seagrass *Halophila stipulacea* along a depth gradient in the Northern Red Sea. *Frontiers in Plant Science*. 2016:2015. [10.3389/fpls.2016.02015](https://doi.org/10.3389/fpls.2016.02015)
17. Groner E., Rapaport A., Segev N., Ragolsky G., Alexander K., Rabinowitz R., Grunfeld M., Nelvitsky R., Shalmon B., Tsoar A., Isaacson S., Moshe I., **Winters G.** (2017) A standardized protocol to monitor Acacia trees in the Arava. *Negev, Dead Sea and Arava Studies* 9: 1-14.
18. Katsanevakis S., Mackelworth P., Coll M., Fraschetti S., Mačić V., Giakoumi S., Jones P., Levin N., Albano P., Badalamenti F., Brennan R., Claudet J., Culibrk D., D'Anna G., Deidun A., Evagelopoulos A., García-Charton J., Goldsborough D., Holcer D., Jimenez C., Kark S., Sørensen T., Lazar B., Martin G., Mazaris A., Micheli F., Milner-Gulland E., Pipitone C., Portman M., Pranovi F., Rilov G., Smith R., Stelzenmüller V., Vogiatzakis I., **Winters G.** (2017) Advancing marine conservation in European and contiguous seas with the MarCons Action. *Research Ideas and Outcomes* 3: e11884. [10.3897/rio.3.e11884](https://doi.org/10.3897/rio.3.e11884)
19. Grottoli A.G, Tchernov D., **Winters G.** (2017) Physiological and Biogeochemical Responses of Super-Corals to Thermal Stress from the Northern Gulf of Aqaba, Red Sea. *Frontiers in Marine Science* 4. <https://doi.org/10.3389/fmars.2017.00215>
20. *Hoai Tran T., Mayzlish-Gati E., Eshel A., **Winters G.** (2018) Germination, physiological and biochemical responses of acacia seedlings (*Acacia raddiana* and *Acacia tortilis*) to petroleum contaminated soils. *Environmental Pollution* 234: 642-655. <https://doi.org/10.1016/j.envpol.2017.11.067>
21. *Rodger Y.S., Greenbaum G., Silver M., Bar-David S., Winters G. (2018) Detecting hierarchical levels of connectivity in a population of *Acacia tortilis* at the northern edge of the species' global distribution: Combining classical population genetics and network analyses. *PLoS ONE* 13:e0194901. <https://doi.org/10.1371/journal.pone.0194901>
22. *Oscar M.A., Barak S., **Winters G.** (2018) The tropical invasive seagrass, *Halophila stipulacea*, has a superior ability to tolerate dynamic changes in salinity levels compared to its freshwater relative, *Vallisneria Americana*. *Frontiers in Plant Science* 9:950. <https://doi.org/10.3389/fpls.2018.00950>
23. *Manh Nguyen H., Kleitou P., Kletou D., Sapir Y., **Winters G.** (2018) Differences in flowering sex ratios between native and invasive populations of the seagrass *Halophila stipulacea*. *Botanica Marina* 61: 337-342. [10.1515/bot-2018-0015](https://doi.org/10.1515/bot-2018-0015)
24. **Winters G.**, Otieno D., Cohen S., Bogner C., Ragowloski G., Paudel I., Klein T. (2018) Tree growth and water-use in hyper-arid *Acacia* occurs during the hottest and driest season. *Oecologia* 188: 695-705. <https://doi.org/10.1007/s00442-018-4250-z>

25. ⁺Beca-Carretero P., Guihéneuf F., **Winters G.**, Stengel D.B. (2019) Depth-induced adjustment of fatty acid and pigment composition suggests high biochemical plasticity in the tropical seagrass *Halophila stipulacea*. *Marine Ecology Progress Series* 608:105-117. <https://doi.org/10.3354/meps12816>
26. ⁺Beca-Carretero, Alice Rotini, Astrid Mejia, Luciana Migliore, Salvatrice Vizzini and **Gidon Winters** (2020). *Halophila stipulacea* descriptors in the native area (Red Sea): a baseline for future comparisons with native and non-native populations. *Marine Environmental Research* 153, 104828. <https://doi.org/10.1016/j.marenvres.2019.104828>
27. *Manh Nguyen H., Savva I., Kleitou P., Kletou D., Lima F.P., Sapir Y., **Winters G.** (2020) Seasonal dynamics of native and invasive *Halophila stipulacea* populations – A case study from the northern Gulf of Aqaba and the eastern Mediterranean Sea. *Aquatic Botany* 162, 103205. <https://doi.org/10.1016/j.aquabot.2020.103205>
28. *Manh Nguyen H., Yadav N.S., Barak S., Lima F.P., Sapir Y., **Winters G.** (2020) Responses of invasive and native populations of the seagrass *Halophila stipulacea* to simulated climate change. *Frontiers in Marine Science* 6:812. <https://doi.org/10.3389/fmars.2019.00812>
29. *Azcárate-García T., Beca-Carretero P., Villamayor B., Stengel D.B., **Winters G.** (2020) Responses of the seagrass *Halophila stipulacea* to depth and spatial gradients in its native region (Red Sea): morphology, *in situ* growth and biomass production. *Aquatic Botany* 165: 103252. <https://doi.org/10.1016/j.aquabot.2020.103252>
30. **Winters G.**, Beer S., Willette D.A., Viana I.G., Chiquillo K.L., Beca-Carretero P., Villamayor B., Azcárate-García T., Shem-Tov R., Mwabvu B., Migliore L., Rotini A., Oscar M.A., Belmaker J., Gamliel I., Alexandre A., Engelen A.H., Procaccini G., Rilov G. (2020) The tropical seagrass *Halophila stipulacea*: reviewing what we know from its native and invasive habitats, alongside identifying knowledge gaps. *Frontiers in Marine Science* 6:812. <https://doi.org/10.3389/fmars.2019.00812>
31. ⁺Beca-Carretero P., Teichberg M., **Winters G.**, Procaccini G., Reuter H. (2020) Projected Rapid Habitat Expansion of Tropical Seagrass Species in the Mediterranean Sea as Climate Change Progresses. *Frontiers in Plant Science* 11:1762. <https://doi.org/10.3389/fpls.2020.555376>
32. *Conte C., Rotini A., Manfra L., D'Andrea M., **Winters G.**, Migliore L. (2021) The Seagrass Holobiont: What We Know and What We Still Need to Disclose for Its Possible Use as an Ecological Indicator. *Water* 13(4): 406. <https://doi.org/10.3390/w13040406>.
33. *Uni D., Groner E., Soloway E., Hjazin A., Johnswick S., **Winters G.**, Sheffer E., Rog I., Wagner Y., Klein T. (2021) Unexpectedly low $\delta^{13}\text{C}$ in leaves, branches, stems and roots of

- three acacia species growing in hyper-arid environments. *Journal of Plant Ecology* 14 (1): 117-131. <https://doi.org/10.1093/jpe/rtaa080>.
34. †Ferrante M., Dangol A., Didi-Cohen S., **Winters G.**, Tzin V., Segoli M. (2021). Oil Pollution Affects the Central Metabolism of Keystone Vachellia (Acacia) Trees. *Sustainability* 13 (12), 6660. <https://doi.org/10.3390/su13126660>
35. Al Ashhab A., Meshner S., Alexander-Shani R., Dimerets H., Brandwein M., Bar-Lavan Y., **Winters G.** (2021). Temporal and Spatial Changes in Phyllosphere Microbiome of Acacia Trees Growing in Arid Environments. *Frontiers in Microbiology* 12:656269. <https://doi.org/10.3389/fmicb.2021.656269>
36. *Conte C., Rotini A., **Winters G.**, Vasquez M.I., Piazza G., Kletou D., Migliore L. (2021) Elective affinities or random choice within the seagrass holobiont? The case of the native *Posidonia oceanica* (L.) Delile and the exotic *Halophila stipulacea* (Forssk.) Asch. from the same site (Limassol, Cyprus). *Aquatic Botany* 174: 103420. <https://doi.org/10.1016/j.aquabot.2021.103420>
37. Helbe S., Winters G., Stuhr M., Belshe E.F., Bröhl S., Schmid M., Reuter H., Teichberg T. (2021) Nutrient history affects the response and resilience of the tropical seagrass *Halophila stipulacea* to further enrichment in its native habitat. *Frontiers in Plant Science* 12:1617. <https://doi.org/10.3389/fpls.2021.678341>
38. Teasing apart the host-related, nutrient-related and temperature-related effects shaping the phenology and microbiome of the tropical seagrass *Halophila stipulacea*. Amir Szitenberg, Pedro Beca-Carretero, Tomás Azcárate-García, Timur Yergaliyev, Rivka Alexander-Shani and Gidon Winters (2022) *Environmental Microbiome* 17:18. <https://doi.org/10.1186/s40793-022-00412-6>
39. Winters G, Teichberg M, Reuter H, Viana IG and Willette DA (2022). *Front. Plant Sci.* 13:87047. <https://doi.org/10.3389/fpls.2022.870478>

Other publications:

Book chapters:

Winters G. (2014). Carbon Acquisition in Corals. In: Photosynthesis in the Marine Environment. Sven Beer, Matz Bjork and John Beardall, Wiley Blackwell, 208 pages.

You Tube films (Seagrasses in Eilat):

<https://www.youtube.com/watch?v=UVfjZte-lGE>

https://youtu.be/yIFByV19zMA_? עשבי הים באילת – מי הם ולמה חשוב לנו לשמור עליהם

Presentations in scientific meetings:

- 02/2019 The Association for the Sciences of Limnology and Oceanography (ASLO) Planet Water meeting, Puerto Rico, Feb 2019. Oral presentation.
- 06/2018 International seagrass biology work shop, Singapore June 2018.
Oral presentation, two posters
- 11/2017 14th Israel Association for Aquatic studies (IAAS), Haifa, Israel. Oral presentation
- 09/2016 56th Symposium of the Estuarine Coastal Sciences Association (ECSA), Bremen, Germany. Oral presentation
- 05/2015 The 4th Mediterranean seagrass workshop (MSW'15), Sardinia, Italy. Oral presentation
- 09/2014 The Israel Society for Ecological and Environmental Sciences, Ramat Gan, Israel. Oral presentation
- 03/2014 Seagrasses in Europe – Threats, responses and management. COST (European Cooperation in Science and Technology) workshop. Olhao, Portugal. Oral presentation
- 05/2012 COST (European Cooperation in Science and Technology) workshop: Linking ecophysiology and eco-genomics in seagrass systems, Nottingham, UK. Oral presentation.
- 03/2011 COST (European Cooperation in Science and Technology) workshop – Linking ecophysiology and eco-genomics in seagrass systems, Naples, Italy. Oral presentation.
- 02/2010 The Association for the Sciences of Limnology and Oceanography (ASLO) Meeting, Portland, Oregon, USA. Oral presentation.
- 07/2007 4th European Phycological Congress, Oviedo, Spain. Oral presentation.
- 06/2006 The Association for the Sciences of Limnology and Oceanography (ASLO) summer meeting "Global Challenges Facing Oceanography and Limnology", Victoria, British Columbia, Canada. Oral presentation.
- 09/2006 International Society for Reef Studies European Meeting, Bremen, Germany. Oral presentation.
- 09/2003 World Bank Coral Reef Targeted Research & Capacity Building meeting, Puerto Morelos, Mexico. Meeting aimed to support coral reef resource managers with the best available scientific advice on coral reefs response to human disturbances and climate change. A joint bleaching experiment was performed with multi aspects of bleaching examined.
- 04/2002 Coral bleaching and disease workshop, Interuniversity Institute, Eilat, Israel. Introducing state of the art knowledge regarding bleaching and diseases in corals.
- 10/2000 9th International Coral Reef Symposium, Bali, Indonesia. Oral presentation