



Microbial diversity & interactions



Avrahami	Taxonomic and functional diversity of microbial communities in the Gulf of Aqaba (Red Sea) over seasonal time-scales
Kirshenbaum	Quantification of differential grazing on dominant microbial prey by sponges
Malavin	Molecular insights into the chemosynthetic microbiome of Levana cave (Ayyalon cave system)
Shmakova	Diverse microeukaryotic assemblages inhabit the chemosynthetic ponds of Levana Cave (Ayyalon cave system)
Ratinskaia	Chemosynthetic symbionts of deep-sea clams in the Eastern Mediterranean cold seeps are metabolically versatile



Microbe-plant Microbe-algae interactions



Bamshid	Elucidating the relationship between cell cycle regulation and viral infection in marine diatoms
Beiralas	Abundant sulfite-reducing marine bacteria protect <i>Emiliana huxleyi</i> algae from pathogenic bacteria
Chukwudulue	Symbiotic firmicutes of marine macroalgae: A potential source of natural products for drug discovery
Duchin Rapp	Algal exudates promote conjugation in bacteria
Nahor	Comparative analysis of epiphytic bacterial communities across the seaweed phyla: Insights from the Mediterranean Sea, Israel
Shemi	Exploring the cellular functions and signaling roles of DMS
Winkler	Seasonal and tissue variation in the epiphytic microbiome of the marine red macroalgae <i>Asparagopsis taxiformis</i>



Pollution



Dubinsky-Velasquez	Bioconcentration and lethal effects of gas-condensate and crude oil on nearshore copepod assemblages
Herut	Long-Term (2002–2021) trend in nutrient-related pollution at small stratified inland estuaries, the Kishon SE Mediterranean case
Lapidot	Environmental impacts of global chronic oil pollution on marine ecosystems: Preliminary results
Li	Can deep-sea settled plastic litter be resuspended? The investigation of the seafloor plastic bags from Eastern Mediterranean
Rahav	Impact of combined seawater warming and triazine-type herbicide pollution on the physiology and potential toxicity of the dinoflagellate <i>Alexandrium minutum</i>
Savva	Predicting benthic litter zones and sources in marine protected areas



Molecular biology



Azarov	Functional Characterization of Hexacorallia Phagocytic Cells
Barkan	Coral immune system at the base of the bleaching phenomena
Berlyne	Insights from stem cell transplants and wound healing
Fares Amer	Exploring marine natural products for targeted colorectal cancer therapy
Nadir	A molecular investigation of Xeniid pulsation: Coral behavior mechanisms revealed through regeneration
Snyder	Single-cell characterization of coral immune cells
Talice	Candidate stem cell isolation and transplantation in Hexacorallia



Geology & Geochemistry



Herut	Marine oligotrophication due to fine sediments and nutrient starvation caused by anthropogenic sediment and water retention in large rivers: the Nile damming case
Giladi	Towards high spatial resolution map of grain size distribution along the Israeli continental shelf based on multibeam backscatter data
Katz	Glacial-Holocene variability in sediment accumulation and erosion along Nahariya submarine blind canyon (Eastern Mediterranean Sea)
Markovitz	Pore-water geochemistry of the Cape Fear mass transport deposit
Weinstein	Radium isotope study of the hydrothermal groundwater discharge into the meromictic Lake Kivu
Zhao	Shifts in the Dead Sea water sources during the Holocene: Insights from uranium isotopes



Physics and modelling



Grossowicz	Zooplankton seasonal vertical migration in an optimality-based plankton ecosystem model
Lensky	Air Water Interactions Along the Dead Sea Rift
Regev	Mitigating climate change impacts on Lake Kinneret ecology
Solodoch	Cross-Shore Material Exchange by a Submesoscale Eddy
Tau	Lake-water-temperature regulation under diurnal and seasonal scales of environmental forcing, Agamon Hula, Israel
van Gelder	The motion of fish eggs relative to the surrounding water and its implication to mass transfer



Ecology



Grossmark	Incorporating human-wildlife interaction into marine spatial planning: a study case of guitarfish along the Israeli Mediterranean coast
Golanski	Gaping behavior of the spiny oyster <i>Spondylus spinosus</i> measured in situ over an annual cycle with micro tiltmeters
Marques	Ecotoxicological impacts of desalination plants on corals: how to balance freshwater supply and Coral Reef Conservation?
Otorgust	First steps in exploring fish larval development in the Levantine deep-sea
Platin	The uninvited hitchhiker - <i>Styela plicata</i> seasonal reproduction and distribution along the Israeli Mediterranean coasts.
Preiss	Thermal Vulnerability and Ecological Impacts of the Sea Urchin <i>Diadema setosum</i> Invasion on the Israeli Mediterranean Rocky Reef
Shaked	All female crayfish for sustainable aquaculture and snails' biocontrol
Shefy	Not just carbon: biodiversity and carbon credits for restoration of the marine animal forests
Unger	Experimenting the influence of temperature and salinity on the potential distribution of the non-indigenous ascidian <i>Phallusia nigra</i>
Waisman	Assessing fish recruitment in the eastern mediterranean sea using Standard Monitoring Units for Recruitment of Fish (SMURF)
Yahel	Intrinsic and not extrinsic factors control the short-term metabolic rate of the sponge <i>Ircinia variabilis</i>



Ecology - Jellyfish



Barak	Unveiling the microbiome of <i>Rhopilema nomadica</i> : Seasonal and tissue specific variations and cross-species insights
Berman	Jellyfish active swimming vs. passive drift
Shavit	Jellyfish-pair method for an in-situ measurement of jellyfish swimming velocity
Strul	Statoliths and statocysts of <i>Rhopilema nomadica</i> to estimate jellyfish age
Belkin	Jellyfish swarm impair the pretreatment efficiency and membrane performance of seawater reverse osmosis desalination



Biogeochemistry



Bergman	Evidence for in-situ methanogenesis and methanotrophy in dry permafrost soils Bergman
Blachinsky	Inorganic & organic nitrogen uptake by phytoplankton during periods of strongly contrasting nitrogen availability in the Eastern Mediterranean Sea
Davidson	Sources of marine carbonyl sulfide identified by their sulfur isotopic values
Darmon	Continuous determination of dissolved inorganic carbon fluxes from pumping suspension feeders
Geisler	Heterotrophic diazotrophy from a river to a lake: Lifestyle and contribution to N ₂ fixation
Rivlin	Tracing authigenic magnetite precipitation in methanogenic sediments of the Eastern Mediterranean using stable isotope probing
Waisman	Couplings between nitrogen and iron in methanogenic sediments



Monitoring, phytoplankton & methods



Amit	Long term Monitoring Program (NMP) in the Gulf of Eilat: Insights and impact
Ben Tzur	An integrated hydrological model for Lake Kinneret Watershed: A tool to simulate the effects of future trends of climate change and watershed management
Kolsky	Characterizing extra-cellular polymeric substances from 5 microalgae species toward industrial use
Liran	Tracking photosynthesis on multiple time scales using a combined set of an optical bench and a quadrupole mass spectrometer
Neri	Mining social media for vital Elasmobranch information in data-poor regions and conflict zones: The Gaza Strip as a case study
Shahar	The potential of Lake Kinneret algae to serve as a new source for microbial pesticide
Wishkerman	Additive manufacturing approach for LED based illumination cultivation systems