

Date	Group	Session	Poster Number	Name	Title
December 4th (Wednesday) - 15:45 - 17:00 (BGU campus)	A	Marine pollution	1	Noga Pressman	The synergistic effects of chronic gas-condensate pollution and warming on the survival and performance of the mussel <i>Brachidontes pharaonis</i>
	A	Marine pollution	2	Xingyu Li	Unveiling the hidden depths: multi-markers for investigating plastic debris on the Southeastern Mediterranean seafloor
	A	Marine pollution	3	Orin Levin	Mercury levels in Loggerhead and Green Sea turtle eggshells from nests along the Mediterranean coast of Israel
	A	Marine pollution	4	Mai Am-Shalom	The effect of the organic plasticizer TXIB on the coral <i>Stylophora pistillata</i>
	A	Marine pollution	5	Orit Nir	Adaptive protocol for model assessments and environmental protection of brine discharge from desalination plants
	A	Marine pollution	6	Mukaila Alhassan	Lack of physiological impact but increased antibiotic-resistant gene accumulation in <i>Brachidontes pharaonis</i> from a polluted coastal site
	A	Marine pollution	7	Yael Merlis	Behavioural responses of larval fish to marine oil pollution
	A	Marine pollution	8	Aiswarya Kartha	<i>Alcanivorax</i> , a genus of marine bacteria with varied tastes for hydrocarbons
	A	Marine pollution	9	shlomo Itzhari	Exploring fungal plasticity: phenotypic and genetic responses of marine aspergillus niger-like isolate to the presence of plastic polymers
	A	Marine pollution	10	Keren Davidov	Community composition and seasonal dynamics of microplastic biota in the Eastern Mediterranean Sea
	A	Marine pollution	11	Devora Burd Villanova	The thermodynamic constants of the carbonate system in seawater desalination waste brines
	A	Marine pollution	12	Eyal Rahav	Impact of combined seawater warming and triazine-type herbicide pollution on the physiology and potential toxicity of the dinoflagellate <i>Alexandrium minutum</i>
	B	Microbial interactions	13	Nitsan Albocher-Kedem	Elucidating mechanisms of bacterial pathogenicity towards <i>Emiliana huxleyi</i>
	B	Microbial interactions	14	Martha Alejandra Duran Canche	Aerobic microbial methanogenesis and methane oxidation in <i>Aplysina aerophoba</i>
	B	Microbial interactions	15	Linoy Bamshid	Elucidating the relationship between virus infection and cell-cycle regulation in marine diatoms
	B	Microbial interactions	16	Stas Malavin	Interspecies metabolic interactions drive Palmahim cold seep prokaryotic communities
	B	Microbial interactions	17	Jasmin Mellijor	Rapid succession of diatoms and viruses within a dramatic spring bloom event
	B	Microbial interactions	18	Ori Zucker	Virulence, resistance and coexistence: understanding host-virus infection dynamics in marine diatoms
	B	Microbial interactions	19	Shirv Givati	Viral lysis vs. nutrient starvation: effect on <i>Prochlorococcus</i> macromolecular structure and the microbial community
	B	Microbial interactions	20	Waseem Bashir Valiya Kalladi	Initial insights and challenges from studying a diverse library of heterotrophic marine bacteria
	B	Microbial interactions	21	Omri Nahor	Epiphytic bacterial communities of <i>Asparagopsis taxiformis</i> : seasonal, spatial, and host genetic variations
	B	Microbial interactions	22	Hadar Winckler Aharoni	Can we engineer Firmicutes for production of natural products?
	B	Microbial interactions	23	Ofek Rainish	Investigating the gene expression modulation in <i>Paenibacillus dendritiformis</i> in response to surfactin
	C	Marine Ecophysiology + Jellyfish	24	Itay Cohen	Light-enhanced calcification of symbiotic, bleached, recovered and aposymbiotic corals
	C	Marine Ecophysiology + Jellyfish	25	Sagi Marom	Rapid dynamic color change in the grouper <i>Variola louti</i> is associated with interspecies interactions and camouflage
	C	Marine Ecophysiology + Jellyfish	26	Dori Edelist	Seasonality of gelatinous zooplankton in the Israeli Mediterranean
	C	Marine Ecophysiology + Jellyfish	27	Omri Lapidot	Spatial association between jellyfish and phytoplankton at the sub-kilometer scale
	C	Marine Ecophysiology + Jellyfish	28	Hadar Berman	Fine-scale structuring of a southeastern Mediterranean jellyfish swarm
	D	Physical processes in Lakes and Seas	29	Liron michaeli	Observational insights into kinetic energy distribution and circulation dynamics in sub-mesoscale eddy of the East Mediterranean
	D	Physical processes in Lakes and Seas	30	Yotam Fadida	Submesoscale horizontal stirring enhances seasonal enrichment of low-chlorophyll surface waters
	D	Physical processes in Lakes and Seas	31	Vered Rom-Kedar	A kinematic-dynamic 3d model for density-driven ocean flows
	D	Physical processes in Lakes and Seas	32	Alon Akivis	Consistent nonlinear stochastic evolution equations for wave shoaling source term implementation in WaveWatch-III
	D	Physical processes in Lakes and Seas	33	Vicky Verma	The Eastern Mediterranean boundary current: stability and spiral formation
	E	Air-Sea Interaction	34	Anna Levin	Wave climate along the Mediterranean coast of Israel
	E	Air-Sea Interaction	35	Barak Herut	Atmospheric microbial viability and nutrition in the oligotrophic East Mediterranean Sea
	E	Air-Sea Interaction	36	Benjamin Ankri	Insights into microbial dispersal, abundance and viability in sea-spray aerosols across the East Mediterranean Sea
	E	Air-Sea Interaction	37	Ofer Cohen	The influence of ocean-atmosphere interaction on precipitation in the Eastern Mediterranean: implications for sub-seasonal to seasonal forecasting
	E	Air-Sea Interaction	38	Sreerag Sudheendran	Influence of mixed layer depth on the seasonal cycle of the tropical rain belt
	E	Air-Sea Interaction	39	Aviya Ziner	Sub-sampling method for analyzing chemical composition of marine surface microlayer
	E	Air-Sea Interaction	40	Elana Shira Lottner	Assessing inland tsunami sediments within archaeological contexts at Caesarea Israel
	E	Air-Sea Interaction	41	Shai Asher	Long term wave climate statistics in Eilat

A	Marine- & Aquaculture	42	Orel Rahamim	Development of microaerophilic-membrane-based assimilation aquaculture system
A	Marine- & Aquaculture	43	Daniel Aizman	Quorum sensing-based biosensors for monitoring bacterial populations in aquaculture
A	Marine- & Aquaculture	44	Asa Oren	Ecological succession on 3D printed ceramic artificial reefs
A	Marine- & Aquaculture	45	Arunjyothi Jawaji	Utilizing fatty acid ethyl esters from biological waste and natural sources as a treatment against parasitic diseases in fish
A	Marine- & Aquaculture	46	Yohannes Kpordzaxor	Spatial and temporal distribution of physicochemical parameters and microbial communities in integrated multi-trophic aquaculture (IMTA) for sustainable mariculture
A	Marine- & Aquaculture	47	Barak Snir	Surfactin expression in <i>E. coli</i> as a platform for production of natural products from marine bacteria
B	Biology of Marine Organisms	48	Lina Ratinskaia	Methanic sediments near the deep-sea brine pools hold an untapped biotechnological potential
B	Biology of Marine Organisms	49	Lyubov Shmakova	Nanoflagellates and ciliates dominate the Palmahim cold seep protist community, parasitic Syndiniales follow
B	Biology of Marine Organisms	50	Elena Azarov Hirsh	Heat Stress Leads to Activation of Hexacorallia Immune Cells and Inhibits Endo-Symbiosis
B	Biology of Marine Organisms	51	Shani Talice	Immune Activation of Symbiotic Hexacorallia Induces the Bleaching Phenomenon
B	Biology of Marine Organisms	52	Yotam Silverman	Water flow in parametric design of artificial reefs
B	Biology of Marine Organisms	53	Almog Ben Natan	Influence of shelter level in breakwaters on coral survival and settlement.
B	Biology of Marine Organisms	54	Shany Barkan	Investigating the role of the immune system in coral bleaching
B	Biology of Marine Organisms	55	Iris Preiss	The sea urchin <i>Diadema setosum</i> invasion on the Israeli Mediterranean rocky reefs: thermal resilience and potential ecological impacts under ocean warming
B	Biology of Marine Organisms	56	Efrat Beck	Activation of GABA-B receptor signaling affects cilia tubulin post-translational modifications in the sea anemone <i>Nematostella vectensis</i>
C	From the sediment to the sea	57	Adi Rosenblatt	Exploring couplings between iron reducing bacteria and methanotrophs in methanogenic sediments.
C	From the sediment to the sea	58	Arvind Shukla	Strong climate control on the millennial-scale dust variability and sediment provenances in the equatorial Indian Ocean inferred from Sr-Nd isotopes
C	From the sediment to the sea	59	Adam Zonshine	Assessing the impact of aquifer heterogeneity on coastal groundwater flow dynamics and salinity under tidal sea level changes
C	From the sediment to the sea	60	Yarden Cohen	אפיון העדפות משפחת soritidea בסביבת עשב הים במפרץ אילת
C	From the sediment to the sea	61	Ofir Yehoshafat	Foraminifera as bioindicators for monitoring heavy metal distributions in the Gulf of Aqaba- Eilat
C	From the sediment to the sea	62	Noga Rozen	Morphodynamics of the shallow seafloor during the course of a storm: high-resolution direct observations
C	From the sediment to the sea	63	Almog Ash	Micritization in the Persian Gulf – Abu Dhabi: Chemical precipitation or physical boring activity?
C	From the sediment to the sea	64	Gil Lapid	The source to sink signal transfer of particulate matter in the Gulf of Aqaba, northern Red Sea
C	From the sediment to the sea	65	Alhan Abu Hamoud	The potential contribution of SAR11 to global warming via methyl-phosphonate biosynthesis
C	From the sediment to the sea	66	Jie Zhao	Constraints on the Dead Sea levels based on Mg ²⁺ budget since the last deglaciation
C	From the sediment to the sea	67	Rand Lander	Demystifying heterotrophic diazotrophy in streambeds
C	From the sediment to the sea	68	Oren Magori Cohen	Characterizing organic matter availability and its potential link to the methane cycle in thermokarst lakes
D	Pathogenic interactions in aquatic environments	69	Amir Fromm	Single-cell RNA-seq of the rare virosphere reveals the native hosts of giant viruses in the marine environment
D	Pathogenic interactions in aquatic environments	70	Noa Shima	From viral to bacterial control: the impact of elevated temperature on algal bloom demise
E	Microalgae	71	Rom Walther	Determine the role of Sir2 on transgene silencing in the diatom <i>Phaeodactylum tricorutum</i> .
E	Microalgae	72	Mai Sadeh	Studying the molecular mechanisms underpinning thermotolerance in diatoms acclimation to marine heat waves
E	Microalgae	73	Noa David	Co-extraction of pigments, phenolic compounds and polysaccharides from the green seaweed <i>Ulva</i>
E	Microalgae	74	Emily Arogety Ben-Orr	<i>Koinonema galileica</i> spec. nov. (oscillatoriales): a newly identified cyanobacterium invading the benthos of lake kinneret
E	Microalgae	75	Kira Kondratyeva	Genetic adaptations of <i>Synechococcus</i> in the Red Sea
E	Microalgae	76	Alla Alster	Monitoring the epilithic algae and cyanobacteria of lower Jordan river
E	Microalgae	77	Meydan Cohen	Comparative characterization of the redox-regulated chaperone HSP33 from different microalgae under oxidative stress
F	The ocean's chemistry and the carbon system	78	Shlomit Sharoni	Elucidating the sensitivity of ocean deoxygenation to the macromolecular composition of marine primary producers