



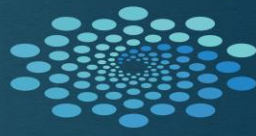
ICMERS-3 NOV 13-15

KAUST Research Conference
Third International Conference
on the Marine Environment
of the Red Sea at KAUST

ICMERS-3 Poster Presentations

Nov. 13 @Building 20 Lobby

Manal Hamdeno Elawady	University of Liege, Belgium	Understanding Marine Heatwaves in the Red Sea and Their Relationship to Climate Modes
Margaux Steyaert	Imperial College London	Diversity and drivers of coral reef cryptobenthos across a remote and pristine system
Rommel H. Maneja	KFUPM	Coastal Avifauna along the Beach Transects of the Red Sea Coast and Two Islands of NEOM
Raul Vilela	The Red Sea Zone Authority	Estimation of main turtle nesting areas and total nesting female population in The Red Sea and Amaala project areas
Renier Viltres	University of Strasbourg	Opening rates of the Red Sea
Sofia Irene Manzo-Vega	KAUST	Earthquake relocations in the Gulf of Aqaba
Basem Al-Qadasi	KFUPM	Quantitative Assessment of Seismic Strain and Crustal Deformation in the Southern Red Sea Rift System
Carol Buitrago-Lopez	Red Sea Global	Coral Reef Community Mariculture ,Ài RSG coral enhancement approach
Sumayah Siddiqui	Integral university,India	Sea Surface Temperature Predictions-A Machine Learning Approach
Abdirahman Mohamed	DT-Global, Somali	The status of marine crab and its management strategies along the Sudanese Red Sea coast
Jacob Asher	RSG RSZA EPR	Using BRUVS to Assess Elasmobranch and Predator Communities in the Red Sea Project Area
Royale Hardenstine	N/A	The potential use of photo identification to monitor Indian Ocean humpback dolphins Sousa plumbea an endangered cetacean in the Red Sea
Abdullah Bukhamsin	KAUST	Minimally Invasive Platforms for Profiling Coral Reefs Associated Microorganisms
Pedro Moreira Cardoso	KAUST	The Microbiome After Bailout How microbes associated to Red Sea corals react to micropropagation
Shannon Klein	KAUST	Exploration of subsurface sinkholes in the Farasan shelf reveals extreme environments
Isabel Armelles Vicent	KAUST	Water column bioluminescence in the Red Sea
Silvia Vicario	KAUST	Lost in the dark: Antipatharia-Symbiodiniaceae association in the deep waters of the Red Sea
Carlos Angulo-Preckler	KAUST	First record of a live adult heteropod Firoloida desmarestia in the Red Sea
Xinyuan Yang	KAUST	Mangrove crabs harbor gill bacterial microbiomes shaped by host lifestyle and gill physiology
Marleen Stuhr	Leibniz Centre for Marine Tropical Research (ZMT)	Differential responses to heat wave scenarios reveal species-specific physiological resilience in common Red Sea corals
Luis Silva	Red Sea Global	Fish spawning aggregations in The Red Sea Global area
Kai Hachmann	KAUST	The role of microorganisms in the formation and stabilization of the Al Wajh carbonate platform
Juan David Escobar Prieto	KAUST	Microbiome of the sea skaters (Genus: Halobates) associated with the Red Sea mangroves
Davide Berno	KAUST	The Tapponnier, seamount, an off-axis volcano along the Saudi margin of the northern Red Sea
Thomaidis Konstantinos	KAUST	Red Sea Volcanism: Afar plume influence on seafloor morphology and deep Red Sea habitats
Yixin Wang	KAUST	A Lagrangian model-based physical connectivity atlas of the Red Sea coral reefs
Taiba Alamoudi	KAUST	Impacts of nighttime hypoxia on the physiological performance of Red Sea macroalgae under peak summer temperature
Vincent Saderne	KAUST	Establishing Red Sea coral reef calcification as an indicator of ecosystem health
Sarah A. Alghamdi	KAUST	Decoding Fatty Acid dynamics in Planktonic Communities of the Red Sea: Nutritional perspective
Yusuf Christian El-Khaled	KAUST	Oxyregulation of probiotic-treated corals and their larvae under deoxygenation and heat stress
Ouhssain Mustapha	KAUST	Seasonal carbon fluxes in the Red Sea



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Nov. 14 @Building 20 Lobby

Rawan Alhazmi	KAUST	Microbial landscape associated with micritized carbonate sediments from tidal environments of the Arabian Peninsula
Shiou-Han Hung	KAUST	Towards a Cnidarian-Symbiodiniaceae Symbiosis Model: Insights from <i>Cassiopea</i>
Rayyan Alamoudi	KAUST	
Laura Beenham	KAUST	
Ghalih Althagafi	KAUST	Developing fatty acid methyl esters (FAME) as a standardized technique for studying energy flow and trophic structure in the Red Sea
Eman Sabbagh	KAUST	Vertical and latitudinal distribution of heterotrophic prokaryotes, viruses and heterotrophic nanoflagellates along the Red Sea
Saeed Amin	KAUST	Macroalgae and Associated Bacterial Microbiome Communities from the Red Sea
Giovanna Sabini-Leite	KAUST	Exploring the coral resistome: abundance and diversity of antimicrobial resistance genes (ARGs) in <i>Pocillopora verrucosa</i>
Wajd Alaidrous	KAUST/NEOM	Ontogenetic Variability in RNA Quantities in Red Sea Clownfish
Stephanía Palacios Narvaez	KAUST	Spatial distribution and habitat use of Dottybacks (Pseudochromidae) and color morph plasticity in <i>Pseudochromis flavivertex</i>
Luthfiyyah Azizah	KAUST	High-Resolution Analysis of <i>Synechococcus</i> spp. Abundance temporal variability in the Coastal Red Sea Based on In-Situ Flow Cytometry Observations
Ines Raimundo	KAUST	Genomic potential and short term in situ application of a probiotic consortium in <i>Pocillopora verrucosa</i>
Nathalia Delgadillo	KAUST	Coral probiotics reshape the coral microbiome without affecting the surrounding environment
Raquel L Ostrovski	KAUST	Mesoscale eddies aggregate juvenile whale sharks in the Red Sea
Ronald Grech Santucci	KAUST	Stock assessment of the Squaretail Coral grouper (<i>Plectropomus areolatus</i>) along the Red Sea Coast of Saudi Arabia
Yuri Panara	KAUST	Morphological evidence of the Zabargad Transform Fault Zone termination on the Arabian Red Sea margin
Ribot Matthieu	KAUST	Distribution of Seismo-turbidite Sediment Layers in the Gulf of Aqaba
Ribot Matthieu	KAUST	The Bathymetry and Active Faults of the Gulf of Aqaba
Xing Li	KAUST	Shallow crustal elasticity heterogeneity in the Dead Sea region constrained by InSAR measurements
Antoine Delaunay	KAUST	Morphology of rifted volcanoes in the southern Red Sea as a proxy of seafloor spreading directions: insights into the Nubia-Arabia-Danakil triple junction localization
Laura Parisi	KAUST	The First Network of Ocean Bottom Seismometers in the Red Sea to Investigate the Zabargad Fracture Zone
Margherita Fittipaldi	KAUST	Surface expressions of rift-transform motion under salt deposits: analogue-model application to the Zabargad Fracture Zone, northern Red Sea
Wang Liu	KAUST	Efficiency of the Biological Pump in the Red Sea
Lila Aldakheel	KAUST	Exploring The Microbial Communities and Their Plastic Degrading Enzymatic Activity Patterns in Extremely Micro-plastic Polluted Mangrove Forests
Ahmed Hafedh	KAUST	
Claudia E. L. Hill	KAUST/University of Bremen	Coral holobiont functioning under environmental change: Determining the drivers of coral-associated denitrification
Anastasiia Martynova	KAUST	Assessing the abundance of anthropogenic seafloor litter in the Eastern Red Sea
Marianthi Pateraki	KAUST	Exploring the Relationship between Mixed Layer Depth and surface Chlorophyll Dynamics in the Red Sea
Kah Kheng Lim	KAUST	First report of meso-parasitic copepod on the endemic Red Sea <i>Vinciguerra</i> mabahiss