



POSTERS LIST

ICMERS | 2016

KAUST Research Conference: International Conference On The Marine Environment Of The Red Sea
This event is organized by the KAUST Red Sea Research Center (RSRC) with financial support from the KAUST Office of Sponsored Research (OSR), and is co-sponsored by Saudi Aramco and the KAUST Industry Collaboration Program (KICP), Industry Engagement Office

	NAME	AFFILIATION	TITLE
1	Vincent Saderne	KAUST	Temporal variations of carbonate chemistry in seagrass meadows, mangrove forests and coral reefs of the central eastern Red Sea
2	Ashwag Asseri	KAU	Chemical ecology of Red Sea Macroalgae: the role of mechanical damage, microbes and herbivores
3	Hanan Almahasheer	KAUST	Carbon sink capacity of Red Sea mangroves
4	Looloo Gadi	KAU	Antifouling defense of Red Sea macroalgae against microbial colonization
5	Satheesh Sathianeson	KAU	Red Sea seagrass as an important habitat for invertebrates
6	Nathan Geraldi	KAUST	Quantifying and predicting the distribution and abundance of organisms is a fundamental component of ecology, and the foundation for environmental management and conservation
7	Michael Wooster	KAUST	The lack of knowledge and what is currently being looked at with sponges in the Red Sea
8	Guoxin Cui	KAUST	Cell Type-Specific Transcriptomic Analysis on <i>Aiptasia</i> sp
9	Diego Lozano Cortes	Saudi Aramco	Cross-shelf patterns of coral size-frequency distributions at the Farasan Islands (Southern Red Sea)
10	Xin Wang	KAUST	The massive calcium carbonate skeletons of reef-building corals form the large structures that provide an essential habitat for a variety of marine species
11	Jit Ern Chen	KAUST	Attempted genetic transformation of symbiodinium microadriaticum using various transformation techniques
12	Florian Roth	KAUST	Primary production within coral- and algae-dominated reef communities in the central Red Sea: a comparative in situ approach
13	Noura Zahran	KAUST	Characterization of ammonium transporters in symbiodinium microadriaticum
14	Fuad Al-Horani	KAUST	Cryopreservation Technology as a Toolbox for the Conservation of Coral Reefs in Future
15	Rúben Costa	KAUST	The bacterial microbiome of <i>Aiptasia</i>
16	Joanne Ellis	KAUST	Cross-shelf benthic biodiversity patterns in the southern Red Sea
17	Susana Carvalho	KAUST	How do coral reef communities in the Red Sea respond to chronic land-based aquaculture discharges?
18	Susana Carvalho	KAUST	Nephtyidae (Annelida:Polychaeta) from Red Sea soft-sediments, with record of a new species
19	John Pearman	KAUST	A new era of reef monitoring: combining visual census and cryptic biodiversity assessment using Autonomous Reef Monitoring Structures

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20	Ghaida Hadaidi	KAUST	Stable mucus-associated microbial communities in bleached and non-bleached <i>Porites</i> from the Arabian Seas
21	Rehab Eskander	KAU	Chemical defense of soft corals Sarcophytan and Sinularia from the Red Sea: assesment of activities against colonizing bacteria
22	Arjen Tilstra	Bremen University	Nitrogen cycling in coral reef organisms under environmental change (NICE)
23	Holger Anlauf	KAUST	Are latitudinal patterns of coral reef community structure and productivity along the Red Sea coast of Saudi Arabia linked to environmental parameters?
24	Alejandra Ortega	KAUST	Characterization of metabolites in corals under conditions of high salinity
25	Marcela Herrera Sarrias	KAUST	The role of somatic mutations in the adaptive evolution of a scleractinian coral in response to acidification stress
26	Amira H. Donia	Benha University, Egypt	Morphological structure of healthy and unhealthy <i>Stylophora pistillata</i> from Gulf of Suez, Red Sea
27	Carol Buitrago- Lopez	KAUST	Adaptive potential of Red Sea corals: insights from a high-resolution molecular marker approach
28	Vanessa Robitzch	KAUST	Productivity and sea surface temperature correlate with pelagic larval durations of damselfishes (<i>dascyllus</i>) in the red sea
29	Mohammad Al-Zibdah	University of Jordan	Effect of ammonium supplement on early development of giant clam (<i>Tridacna</i> spp.)
30	Ahmed E. Al Haj	KAUST	Ovigerous females of the species <i>Cymo andreossi</i> (Audouin, 1826) and <i>C. quadrilobatus</i> (Miers 1884) were collected from the patch coral reef, Jeddah (Thuwal and Biadah), coast of Saudi Red Sea
31	Gauri Mahadik	KAUST	Mesozooplankton community structure in the reef and offshore waters of the Central-North Red Sea: insights from an annual cycle
32	Yasser Abualnaja	KAUST	Climatology of sea breezes in the Red Sea region of Saudi Arabia
33	Talha Al-Dubai	KAU	Environmental controls on the benthic foraminifera in Al-Kharar lagoon, Saudi Arabia
34	Talha Al-Dubai	KAU	Present environmental status of Al-Kharrar Lagoon, central of the eastern Red Sea coast, Saudi Arabia
35	Susana Carvalho	KAUST	Crustacean communities inhabiting coastal soft-sediments along the Saudi Arabian Red Sea: Biodiversity and spatial distribution
36	Zahra Saffar	KAUST	Exploring seasonal patterns of variation in soft-sediment macrofaunal assemblages in a hypersaline coastal lagoon

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37	Saleh Hasan Bahasan	KAU	The shrimp shells contains chitin and its derivatives such as chitosan which has many unique characteristics that make them with wide applications in the areas of medical, industrial, health and environment
38	Nuha Abdullah Alamoudi	KAUST	Evidences of Climate Change in Saudi Arabia
39	Ali Balqadi	KAU	Analysis of microfouling assemblage developed on aquaculture cage net panels submerged in Jeddah coast, Red Sea
40	Kamal Alawad	KAU	Impact of tropical climate mode in the Red Sea and Gulf of Aden
41	Isabelle Schulz	KAUST	Using Bottle Incubation Experiments to assess Nutrient Limitations and Plankton Community Interactions in the Red Sea
42	Anders Rostad	KAUST	An in situ study of the resonant scattering properties of mesopelagic fish in the Red Sea
43	Fekri Shaher	KAU	The toxicity effect of coastal plant extract: <i>Salicornia Fruticosa</i> on the biology of dengue fever vector, <i>Aedes aegypti</i>
44	Yu-Jia Lin	KFUPM	Age information is one of the most influential components in the population dynamics and key to development effective management strategies
45	Xin Liu	Hamburg University	The relationship between Arabian Sea upwelling and Indian Monsoon revisited
46	Xing Yi	Helmholtz-Zentrum Geesthacht	The relationship between Arabian Sea upwelling and Indian Monsoon revisited
47	Peng Jin	KAUST	The temperature of Red Sea, which is one of the warmest seas in the world, is increasing due to global warming
48	Yasar Nellyot Kavil	KAU	Sequestration of polluted seawater CO ₂ using Cu/Carbon modified-TiO ₂
49	Yasar Nellyot Kavil	KAU	Oxygen depletion and nutrient dynamics in the two coastal lagoons, Red Sea
50	Sergey Osipov	KAUST	Coupled regional Ocean/Atmosphere modeling study of the aerosol impact on the Red Sea
51	Ateeq Rehman	Biological Research Center, Hungarian academy of Sciences	Singlet oxygen dependent Photosystem II photodamage in cultured Symbiodinium cells and its involvement in coral bleaching
52	Maha Cziesielski	KAUST	Layer by layer – Transcriptomic and Proteomic analysis of heat-stressed strains of <i>Aiptasia pallida</i>
53	Veronica Chaidez	KAUST	Temperature thresholds of Red Sea phytoplankton
54	Ghada Y.Zaghloul	Jazan Univeristy	Total PAHs levels of Σ 16 individual PAHs concentrations in whole surface water and sediments samples ranged from (11.71 to 499.59 ng/l) and (103.41 - 238.76 ng/g) respectively
55	John Pearman	KAUST	Comparative genomics of phytoplankton blooms in nutrient enriched mesocosms

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56	Rasiq Kelassanthodi	KAU	Spatial distribution of Polyaromatic Hydrocarbons (PAH) in surface sediments of two lagoons and a Creek along Jeddah coast, Red Sea
57	Ahmed Saif Aldein Ibrahim	KAU	Selenium Behavior in Polluted Lagoons along Jeddah Coast, Eastern Red Sea
58	Ute Langner / Sebastian Steinke	KAUST	Red Sea database and marine GIS
59	Jesus M. Arrieta	KAUST	Characterization of airborne microbial communities at a coastal site on the Red Sea
60	Mamdouh Fallatah	KAU	Mode of Distribution of Dissolved Copper, Nutrients and Hydrographic Parameters along Jeddah Desalination Plant, Eastern Red Sea Coast
61	Aisha Al-Moubaraki	KAU	Corrosion behavior of aluminium alloys 2024, 6061, and 7075 in the Red Sea has been studied at different immersion periods at ambient temperature using weight loss (WL) measurements
62	M.Elamin.B Ahmed	KAU	Levels of Poly Aromatic Hydrocarbons (PAHs) in Mangroves along Red Sea Coast
63	Najwa Al-Otaibi	KAUST	Diel variations of autotrophic and heterotrophic picoplankton in the central Red Sea
64	Abdelmoneim Gaiballa	Red Sea University, Sudan	Assessment of Heavy Metals Concentration in Seagrass and Sediment of the Red Sea Coastal Water of Sudan
65	Susana Carvalho	KAUST	What do coastal sediments tell us about the contamination status of the Saudi Arabian Red Sea?
66	Susana Carvalho	KAUST	Digging into soft-sediment ecology in coastal waters of the Red Sea: Setting future research priorities
67	Abbrar H. Labban	KAUST	Growth rate and cell size responses to temperature of a Red Sea Prochlorococcus strain
68	Abdel-Halim	Nat. Inst. of Oceanography and Fisheries	Bioaccumulation Potential of Some Heavy Metals in Mangrove of Red Sea, Egypt
69	Fidan Afandi	Baku State University	Metabarcoding approach to characterize the microbial communities around sewage outflows in Jeddah, Saudi Arabia
70	Sreejith Kottuparambil	KAUST	Evaluation of photosystem II (PS II) efficiency on long-term temperature acclimation in Red Sea phytoplankton using Microscopy PAM
71	Hamdy A. M. Aboulela	King Abdul Aziz University	Micro-and macroseismicity and its seismotectonic implications on ras mohammad area and its vicinity, Nothern Tip of Red Sea, Egypt
72	Mark Schmidt / Radwan Al Farawati	Geomar / KAU	Migration of subsalt fluids related to pockmarks in the eastern Red Sea
73	Najeeb Rasul	SGS, Saudi Arabia	Sedimentary processes and variations in the sediment veneer of Al-Kharrar Lagoon, eastern Red Sea coast, Saudi Arabia

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74	Ali Khawfany	KAU	Human inference to severe environmental and sedimentological changes of the Sarum coastal lagoons to hypersaline, supratidal ponds, south Jeddah, Red Sea coast, Saudi Arabia
75	V.r. Shamji Vidyanandan	KAU	Shallow water tidal analysis at Sharm Obhur, Red Sea
76	Mustapha Ouhssain	KAUST	Variability in phytoplankton pigment signature in the Red Sea
77	Shanas Puthuveetil Razak	KAU	Interaction of multi-directional waves in the Red Sea
78	Abdulla Cheriyeri Poyil	KAU	Seasonal variability of Mixed Layer Depth in Gulf of Aden
79	Sarantis Sofianos	University of Athens	Summer-time monsoon-driven variability in the Red Sea and the effects of the exchanges with the Indian Ocean
80	Sufiyan Khan	KAUST Health, Safety and Environment Department	Marine Environment Governance and Compliance: KAUST Perspective
81	Khaled Asfahani	KAUST	Seasonal transitions in temperature, salinity and mixed layers in the northern Red Sea and their effect on phytoplankton biomass
82	Papadopoulos	Hellenic Centre for Marine Research	Atmospheric forcing of intermediate water formation in the Red Sea
83	Ahamed Taqi	KAU	Extension of Jason-2 Satellite Altimetry Sea Level anomalies to the coastal Red Sea by polynomial harmonic techniques
84	Sameer Gharbi	KAU	Implementation of COHERENS model for tidal hydrodynamics in the Red Sea
85	Reny Devassy	KAU	Biodiversity of marine net phytoplankton in the oligotrophic Red Sea, with special reference to diatoms and dinoflagellates
86	Razan Yahya	KAUST	Prokaryotic abundance in dust at a coastal location on the Red Sea
87	Benjamin Kuerten	KAUST	Net-plankton collections offer taxonomic insights into the phytoplankton and zooplankton biodiversity during whale shark (<i>Rhincodon typus</i>) aggregations near Al Lith in the central Red Sea
88	Danang Ambar Prabowo	KAUST	Biodiversity of marine dinoflagellates from the coastal areas of Thuwal, Saudi Arabia with special emphasis on potentially toxic species
89	Malika Kheireddine	KAUST	First autonomous bio-optical profiling float in the Red Sea: a useful tool to study biological response to the physical processes