

GULF3



Managing the health of the Gulf ecosystem: Dealing with Climate change, invasive species, and coastal alterations

Program at a Glance

DAY 1		Monday, November 5th	
9:00-10:30 am	Registration		
10:30-12:00	Opening Ceremonies		
12:00-1:00	Lunch		
1:00-3:20	Parallel Session in Hall #G053		Parallel Session Hall #1003
	Session 1		Session 2
3:20-3:50	Break		
3:50-5:10	Session 1		Session 2
5:10-5:40	Poster Session		

DAY 2		Tuesday, November 6th	
9:00-10:40 am	Session 3		
10:40-11:10	Break		
11:10-12:50	Session 3		
12:50-1:50	Lunch		
1:50-3:30	Parallel Session in Hall #G053		Parallel Session Hall #1003
	Session 4		Session 5
3:30-4:00	Break		
4:00-5:00	Session 4		Session 5
5:00-5:40	Informal Forum		
7:00	Banquet		

DAY 3		Wednesday, November 7th	
9:00-10:40 am	Session 6		
10:40-11:10	Break		
11:10-12:50	Session 7		
12:50-1:50	Lunch		
1:50-3:40	Highlights, Panel Discussion & Summary		
3:40-4:00	Closing		

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Program

Monday, November 5 th			
9:00-10:30	Registration		
10:30-10:35	National Anthem		
10:40-10:55	Welcome from the Chancellor of the UAE University		
11:00-11:15	Greetings from Dr. M. Munawar, President of the AEHMS		
11:20-12:00	Opening Statement by His Excellency Dr. Thani bin Ahmed Al Zeyoudi, Minister of Climate Change and Environment		
12:00-1:00	Lunch		
Parallel Session in Hall #G053			
Session 1. Climate change: Impact & adaptation			
<i>Session Chairs: Jane Claire Glavan & Khadija Zainal</i>			
1:00-1:40	S1.01. key	Keynote: Jane Claire Glavan	Climate Change Vulnerability and Adaptive Responses in the Arabian Peninsula
1:40-2:00	S1.02	David Thomson	The Ecological Impacts of Climate Change in the Arabian Gulf – How Vulnerable is the Biodiversity of Hot Regions?
2:00-2:20	S1.03	Latifa AlBlooshi	Climate Change and Environmental Awareness – A Study of Energy Consumption Among the Residents of Abu Dhabi, UAE
2:20-2:40	S1.04	Reza Naderloo	Biodiversity of the Persian Gulf; Pathways to colonization
2:40-3:00	S1.05	Khadija Zainal	Temperature dependence of the heart rates in the blue swimming crab <i>Portunus pelagicus</i> (Linnaeus, 1758).
3:00-3:20	S1.06	Shaijal Babu Thru Ppoyil	Carbon dioxide enrichment at 1000 ppm mitigates the negative impacts of moderate water stress in <i>Tabernaemontana divaricata</i> plants
3:20-3:50	Break		
3:50-4:10	S1.07	John Burt	From Pheonix to Sisyphus: Recurrent Bleaching and the Future of Arabian Gulf Coral Reefs
4:10-4:30	S1.08	Francesco Paparella	Coral bleaching in the Arabian Gulf is modulated by summer winds
4:30-4:50	S1.09	Henrik Stahl	Helping to restore the coral reefs of the Arabian Gulf through sexual and asexual coral propagation.
4:50-5:10	S1.10	Pargol Ghavam Mostafavi	Study of Symbiodinium in Coral reefs of Nayband Bay: Changes in Symbiodinium diversity in northern parts of the Persian Gulf

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Parallel Session in Hall #1003

Session 2. Coastal ecology and Harmful Algal Blooms

Session Chairs: Sabir Muzaffar & Sergey Piontkovski

1:00-1:40	S2.01. key	Keynote: Sergey Piontkovski	The Arabian Gulf and the Sea of Oman: An Overview of Seasonal Variations of Physical, Chemical and Biological Characteristics
1:40-2:00	S2.02	Rajan Anbiah	Detection and monitoring of marine toxins and causative harmful algae in Abu Dhabi waters- A pilot study
2:00-2:20	S2.03	Igor Polikarpov	Benthic dinoflagellates in Kuwait's marine environment: Taxonomic diversity and complex of potentially harmful species
2:20-2:40	S2.04	Manal Al-Kandari	Treasures of the Intertidal Area of Kuwait
2:40-3:00	S2.05	Faiza Al-Yamani	Long-term changes in the planktonic ecosystem of the NW Arabian Gulf: Impact of coastal alterations
3:00-3:20	S2.06	Azza AlRaisi	Eutrophication: Sources, impacts and management: A case study from Abu Dhabi
3:20-3:50	Break		
3:50-4:30	S2.07. key	Keynote: Faiza Al-Yamani	Harmful algal blooms in the ROPME Sea Area
4:30-4:50	S2.08	Igor Polikarpov	Spatial distribution and biodiversity of phytoplankton in Arabian Gulf and Sea of Oman
4:50-5:10	S2.09	Nadia Solovieva	Quantitative assessment of sediment and water chemistry and algal biodiversity of the mangrove forest in the Khor al Beida, Umm al Quwain.
5:10-5:40	Poster Session	Listed alphabetically by presenting author	
Maitha Al Hameli	The distribution, abundance, habitat use and threats to Dolphins in Abu Dhabi's coastal waters		
Shamsa Al Hameli	Low abundance of sharks and rays in baited remote underwater video surveys in the Arabian Gulf		
Hamad Al Jailani	The implications of climate change for coral reef fisheries, tourism and diversity: an evaluation based on the world's most extreme coral reefs		
Noura Al Mansoori	Coral bioerosion on the marginal reefs of northeastern Arabia		
Asmaa Galal-Khallaf	Molecular markers for achieving traceability and sustainability in seafood markets in United Arab Emirates, Egypt, and Spain		
Humood Naser	Effects of Coastal Facilities on Macrofouling Assemblages in Bahrain		

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Tuesday, November 6th

Session 3. Water quality and Remedial Actions (Hall #1003)

Session Chairs: John Hartig & Faiza Al-Yamani

9:00-9:40	S3.01. key	Keynote: John Hartig	Developing Remedial Action Plans to Address Beneficial Use Impairments in Laurentian Great Lakes Areas of Concern: Process, Progress, and Success
9:40-10:00	S3.02	Wael Suleiman	The Development of Ambient Marine Standards Using Long Term Data: An example from Abu Dhabi
10:00-10:20	S3.03	Daniel Mateos-Molina	Developing a framework for mapping coastal and marine habitats in shallow and turbid waters of the Arabian Gulf: a case study of the territorial waters of the United Arab Emirates (UAE)
10:20-10:40	S3.04	Khaled El-Tarabily	Development of an efficient method for the bioremediation of crude oil-polluted marine coastal area in the UAE using beneficial soil bacteria
10:40-11:10	Break		
11:10-11:50	S3.05. key	Keynote: Mohiuddin Munawar	Managing ecosystems without politics: Advances and achievements in the North American Great Lakes through binational Agreements
11:50-12:10	S3.06	Saleh Al-Muzaini	Conservation Strategy for Water Supply in the GCC, State of Kuwait-A case study
12:10-12:30	S3.07	Mary Barber	Application of the Canadian Council of Ministers of the Environment Water Quality Index to Assess and Communicate Marine Water Quality Monitoring Data from Abu Dhabi Emirate Waters, United Arab Emirates
12:30-12:50	S3.08	Mazin B. Qumsiyeh	Protection of the Gulf and other endangered ecosystems via establishing environmental research and education facilities: experience from Palestine and proposal for the Gulf
12:50-1:50	Lunch		

Parallel Session in Hall #G053

Session 4. Biodiversity conservation & foodweb changes

Session Chairs: Mohiuddin Munawar & Ashraf Al Cibahy

1:50-2:30	S4.01. key	Keynote: Sabir Muzaffar	Seabirds in the Gulf: ecology, movements and conservation
2:30-2:50	S4.02	Mohammad Al-Najjar	The nutritional effect of dust on the microbial biodiversity and food webs in the Arabian Gulf

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2:50-3:10	S4.03	Adel Alsaffar	Spatial and Temporal Diversity of Marine Fauna of Boubyan Island of Kuwait
3:10-3:30	S4.04	Hiba Al Shehi	Impact of breeding Socotra cormorants on invertebrate diversity
3:30-4:00	Break		
4:00-4:20	S4.05	Ahmed Al Ali	Feeding ecology of the Western Reef Heron (<i>Egretta gularis</i>) in coastal Ajman is influenced by tides and season.
4:20-4:40	S4.06	Maitha Al Hameli	The nesting ecology of hawksbill turtles (<i>Eretmochelys imbricata</i>) on Abu Dhabi, United Arab Emirates
Parallel Session in Hall #1003			
Session 5. Marine pollution			
<i>Session Chairs: Giuseppe Roberto Tomasicchio & Ruwaya Al kindi</i>			
1:50-2:30	S5.01. key	Keynote: Giuseppe Roberto Tomasicchio	Coastal alteration: a global trend with a case study from Abu Dhabi (UAE)
2:30-2:50	S5.02	Rakhesh Madhusoodhanan	Salinity and microzooplankton grazing as forcing variables affecting phytoplankton growth and primary production in the NW Arabian Gulf
2:50-3:10	S5.03	Aaron Chow	Background buildup of contaminants from desalination plant brine discharges into the northern Arabian Gulf
3:10-3:30	S5.04	Turki AlSaid	Trace Metal Distribution in the NW Arabian Gulf: Importance of clean techniques methodology
3:30-4:00	Break		
4:00-4:20	S5.05	Amal Alkandari	Organotin Compounds in Kuwaiti Marine Environment
4:20-4:40	S5.06	Amr El Sammak	Assessing Metal Pollution in the Sediments of two Selected Marinas, State of Kuwait
4:40-5:00	S5.07	David Sheehan	Direct protein oxidation as a readout of marine environmental quality
5:00-5:40	Informal Forum on Water Quality and Remedial Actions in the Gulf		
7:00	Banquet		

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Wednesday, November 7th

Session 6. Fishes and biota (Hall #1003)

Session Chairs: Saif M. AlGhais & Aaron Henderson

9:00-9:40	S6.01. key	Keynote: Saif M. AlGhais	Dispute Resolution in Fishery Management
9:40-10:00	S6.02	Aaron C. Henderson	Potential Taxonomic Barriers to the Effective Management of Gulf Elasmobranch Fisheries
10:00-10:20	S6.03	Mohamed Al Rumaidh	Population Dynamics of Commercially Green Tiger Prawn, <i>Penaeus semisulcatus</i> (De Haan, 1844), in Two Fishing Grounds of the Kingdom of Bahrain, Arabian Gulf
10:20-10:40	S6.04	Khaled Mohammed-Geba	Concordant and discordant genetic patterns of the variable mussel <i>Brachidontes pharaonis</i> among the newly-transferred populations to the Mediterranean Sea and the old ones in the Indian Ocean and the Red Sea
10:40-11:10	Break		

Session 7. Ecological Impairments and Invasive species

Session Chairs: Timothy Reilly & Taoufik Ksiksi

11:10-11:50	S7.01. key	Keynote: Timothy Reilly	Use of Quantitative Mitigation Analysis (QMA) to facilitate timely and defensible compensatory mitigation in Gulf coastal and marine environments
11:50-12:10	S7.02	Shaker Alhazeem	Resiliency of coral reef habitat around Kuwait's islands
12:10-12:30	S7.03	Sergey Dobretsov	Biofouling and invasive species on artificial substrata in Oman coastal waters
12:30-12:50	S7.04	Douglas Stewart	Environmental DNA – Real Time Results in the Field to Confirm the Presence/Absence of Target Species
12:50-1:50	Lunch		
1:50-2:20	Session Highlights		
2:20-3:20	Panel Discussion		
3:20-3:40	Conference Overview and Summary		
3:40-3:50	Publication Plans		
3:50-4:00	Thanks		