



**Khorramshahr University  
of Marine Science and Technology**

# Conference schedule

**The 2<sup>nd</sup> International Conference  
& The 4<sup>th</sup> National Conference on  
Marine Sustainable Development**



**Conference Topics**

- Marine Sciences
- Marine Natural Resources
- Marine Economics & Managment
- Marine Engineering



**Khorramshahr University  
of Marine Science and Technology**

**30-31 January 2024**



# The schedule for the 2<sup>nd</sup> international conference and the 4<sup>th</sup> national conference on "Marine Sustainable Development"

Khorramshahr University of Marine Science and Technology

30-31 January 2024

## Day 1: Tuesday, 30 January 2024

Conference Start	7:45
Registration (Faculty of Economics and Management)	8:00-9:00
Breakfast (Persian Gulf restaurant)	

## Hall A: Shahid Chamran Amphitheater (Faculty of Economics and Management)

<b>Opening Ceremony</b>	9:00-10:30
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Quran

The National Anthem of the Islamic Republic of Iran

The conference chairman and the university president

Special speech

Keystone speech: Dr. Usama Qasim Khaleefah- University of Basrah

Special speech

<b>Tea break</b> (The faculty lobby)	10:30-11:00
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Keystone speech: Dr. Murat Yigit- Canakkale Onsekiz Mart University	11:00-12:00
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Keystone speech: Dr. Seyed Ahmad FazelZadeh Haghighi

<b>Poster presentation</b> (1 <sup>st</sup> floor- Faculty of Economics and Management)	12:00-12:30
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<b>Pray</b> (University Mosque)	12:30-13:30
<b>Lunch</b> (Persian Gulf restaurant)	

**Group 1 (1/30/2024)- Hall A: Shahid Chamran Amphitheater (Faculty of Economics and Management)- International oral section**

Panelist	Prof. Murat Yigit- Çanakkale Onsekiz Mart University
	Prof. Usama Qasim Khaleefah- University of Basrah
	Prof. Vahid Yavari - Khorramshahr University of Marine Science and Technology
14:00-14:20	<b>Ship residuary resistance prediction with machine learning</b> Saeed Hayati*, Poorya Khorsandy
14:20-14:40	<b>Application of LST frequency distribution in environmental change detection in Khuzestan province (a case study: Shadegan, Hawr-Al-Azim, and Naseri wetlands)</b> Elham Vaziri*, Majid Montazeri
14:40-15:00	<b>Population structure and growth patterns in the by-catched blue swimming crab (<i>Portunus pelagicus</i>, Linnaeus, 1758) using trawl net, in Khuzestan Coasts (Persian Gulf)</b> Mina Bahador, Mahsa Haghi*, Preeti Kochanian, Abdolali Movahedinia, Shafa Hoveizavi
15:00-15:20	<b>Which density and salinity preferred for better growth in Asian seabass (<i>Lates calcalifer</i>)?</b> Mohammad Taheri, Seyed Mohammad Mousavi*, Nasim Zanguee, Mansour Torfi Mozanadeh
	<b>Marine renewable energies: A comprehensive review of technologies, requirements, and encompassing aspects</b> Mohammedreza Shokouhi, Mohammed Senisel Bachari*

**Group 1 (1/30/2024)- Hall C: Faculty Amphitheater of Marine Natural Resources - Marine Natural Resources (Marine environment) section**

Panelist	Prof. Abdulzahra Abdulrasool Nammah Alhello- University of Basrah
	Dr. Olyagholi Khalilipour- Khorramshahr University of Marine Science and Technology
	Dr. Ebrahim Rajabzadeh Ghatromi- Khorramshahr University of Marine Science and Technology
14:00-14:20	<b>Assessment of the covid-19 pandemic on the employment and livelihood of the traditional fishing society of North – West Persian Gulf (Khuzestan Province)</b> Hooshang Ansari*, Ali Salarpouri
14:20-14:40	<b>The Impacts of Climate Change on Ecological Vulnerability in Shadegan Wetland</b> Zeynab Khanifar, Heeva Elmizadeh*, Olyagholi Khalilipour
14:40-15:00	<b>Effect of paraquat herbicide on antioxidant enzymes and oxidative stress activity in Binni fish (<i>Mesopotamichthys Sharpeyi</i>)</b> Omid Koohkan, Hassan Morovvati*, Rohollah Zare
15:00-15:20	<b>The need to evaluate the value of marine ecosystem services for the sustainable development of oil projects</b> Fateme Salimian*, Naghme Mobarghai Dinan
	<b>Evaluation of the ecological potential of Hormoz Island using geographic information systems (GIS) and multi-criteria decision-making analysis (MCDM).</b> Mahmoud Sinaii, Majid Askari Hosni, Ali Saber, Mustafa Hassanian*
	<b>Investigating the relationship between changes in vegetation cover and the amount of water changes in Shadegan Wetland</b> Vaad Khanfari, Hossein Mohammad Asgari*, Ali Dadalhi Sohrab.

**Tea break** (The faculty lobby)

15:30-16:00

**Group 2 (1/30/2024)- Hall A: Shahid Chamran Amphitheater (Faculty of Economics and Management)- International online section (Iran time, IRST)**

	Prof. Yesim Buykates- Canakkale Onsekiz Mart University
Panelist	Prof. Nawras Abdulghaniy Abdolzahrah Alfaiz- University of Basrah
	Prof. Seyed Mohammad Mousavi- Khorramshahr University of Marine Science and Technology
16:00-16:20	<b>Determination of sensory properties of pies prepared using different seafood products</b>
	Gülay KIRTIL, Fikret ÇAKIR*
16:20-16:40	<b>Saltwater intrusion and an approach to soil remediation: Electrokinetics</b>
	Buse Özenturk, Öznur Karaca, Emin Ugur Ulugergerli*
16:40-17:00	<b>Estimating the population parameters of <i>Mullus barbatus</i> linnaeus, 1758 in the sea of Marmara</b>
	Mukadder Arslan İhsanoğlu*, İsmail Burak Daban, Ali İşmen, Cahide Çiğdem Yiğın, Murat Şirin
17:00-17:20	<b>Variations in production quantity and export levels of atlantic bluefin tuna (<i>Thynnus thynnus</i>) in the Mediterranean during the COVID-19 period</b>
	Umüt Yiğit*, Sebahattin ERGÜN
	<b>Catching efficiency of Mediterranean horse mackerel <i>Trachurus mediterraneus</i> (Steindachner 1868) gillnets in the sea of Marmara</b>
	Yusuf ŞEN*, Ceyda KALEMLİ, Uğur ÖZEKİNCİ

**Group 2 (1/30/2024)- Hall C: Faculty Amphitheater of Marine Natural Resources- Marine Sciences (Biological Sciences) section**

	Prof. Nahid Pourreza- Shahid Chamran University of Ahvaz
Panelist	Dr. Ali Mahdinia- Iranian National Institute for Oceanography and Atmospheric Science
	Dr. Babak Doustshenas - Khorramshahr University of Marine Science and Technology
16:00-16:20	<b>Investigating the efficiency of covalent organic framework of melamine terephthalate modified with L-cysteine in removing chromium (VI) from water and wastewater samples</b>
	Fatemeh Rashidi, Arash Leraki*, Seyed Jafar Seqhanjad
16:20-16:40	<b>Coastal debris abundance in the intertidal zone of Mangroves from Nayband Bay</b>
	Alireza Safahieh, Hossein Oveidizadeh*, Fateme Rashidi
16:40-17:00	<b>Management and strategies to prevent the transfer of invasive species and pollutants caused by water balance</b>
	Seyedah Zainab Abedi*, Sajjad Qahari Kochsarai
17:00-17:20	<b>Tracing the evolution of otolith traits in tooth-carp of Persian Gulf coastal basins</b>
	Esmat Savis*, Azad Teimori, Mina Motamedi, Majid Askari Hesni
	<b>Amylase activity assay of <i>Cyberlindnera fabianii</i> extracted from marine environment</b>
	Sama Puriones Dizgah*, Isaac Zamani, Bitia Archengi
	<b>Evaluation of the ecological status by using the EQR index and relationship with commercial fish in the coastal waters of the northern Persian Gulf</b>
	Mansur Khalfeh Nilsaz*; Mohammad Ali Salari Aliabadi; Ahmad Savari; Simin Dehghan Mediseh

**Pray (University Mosque)** 18:00-18:30

**Leisure activity (Abadan city)** 18:00-20:00

**Diner (Persian Gulf restaurant)** 20:00-21:30

## Day 2: Wednesday, 31 January 2024

Conference Start	7:45
Breakfast (Persian Gulf restaurant)	8:00-9:00

### Group 3 (1/31/2024)- Hall A: Shahid Chamran Amphitheater (Faculty of Economics and Management)- Marine Economics and Management section

Panelist	Dr.Seyed Mohammad Taghi Raeiss Alsadat- Kharazmi University Dr. Houmayon Yusefi- Khorramshahr University of Marine Science and Technology Dr. Hamid Reza Abdollahian- Khorramshahr University of Marine Science and Technology
9:00-9:20	<b>Comparing economic growth of coastal and landlocked countries: evidence for a review</b> Amin Tabaah Izady*, Fatimah Hosseinpour
9:20-9:40	<b>Identification and ranking the environmental threats in maritime transport industry (case study port of Khorramshahr)</b> Majid Nasrollahi, Kasra Pourkermani*
9:40-10:00	<b>Prioritization of effective factors in attracting and retaining seafarers in the shipping company of the Islamic Republic of Iran</b> Mohammad Ali Abdulvand, Ali Shirvani, Faiza Shafiei Shahir*
10:00-10:20	<b>Investigating the role of near-shore marine transportation in the realization of sustainable development</b> khadijeh.Panahi*, Ali Hesami
	<b>Investigating the effect of container shipping on increasing the volume of sea transportation khorramshahr port</b> Abbas.Ashrafipoor*, Houmayon Yusefi
	<b>Investigating changes in the share of Abadan and Khorramshahr ports in maritime trade: emphasizing the role of Arvand Free Zone</b> Fatimah Hosseinpour*, Amin Tabaah Izady

### Group 3 (1/31/2024)- Hall B: Shahid Avini Amphitheater (Faculty of Marine Science and Oceanography)- Marine Science (Marine Physics) section

Panelist	Dr. Ali Bassal Mahmood- University of Basrah Prof. Masoud Sadrinassab- Tehran University Dr. Amir Ashtari Larki- Khorramshahr University of Marine Science and Technology
9:00-9:20	<b>Comparative study of the measured salinities of Arvandroud during the last 15 years</b> Parisa Soleimani Parsa*, Mohammad Fayaz Mohammadi
9:20-9:40	<b>Data mining methods in marine physics studies (case study: vector geometry algorithm)</b> Omid Mahpeykar*, Amir Ashtari Larki, Mohammad Akbarinasab,
9:40-10:00	<b>Investigation of modeling research on salinity dynamics of a choked coastal lagoon and its effect on Sururu mussel (<i>Mytella falcata</i>) population and the feasibility of doing this research in the Persian Gulf</b> Masoud Sadri Nasab, Somia Farhang Baftani*
10:00-10:20	<b>Investigating the wave power during the Indian Ocean summer monsoon in the Makran coast offshore areas</b> Mohammad Pakhirezan*, Mehdi Mohammad Mehdizadeh, Fayege Eslami Mehdi Abadi, Sajdeh Balochi
	<b>3D modeling of water circulation in North Indian Ocean and Oman Sea</b> Mohammad Reza Khalilabadi, Saeed Danesh Mehr*
	<b>Investigating the seasonal changes of the surface and depth temperature of the Strait of Hormuz</b> Shakila Lashkari*, Maryam Soyuf Jahromi

**Group 3 (1/31/2024)- Hall C: Faculty Amphitheater of Marine Natural resources- Marine Natural resources (Fisheries) section**

	Prof. Denis Anil Odabasi- Canakkale Onsekiz Mart University
Panelist	Prof. Mojtaba Alishahi- Shahid Chamran University of Ahvaz
	Dr. Mahsa Haghi- Khorramshahr University of Marine Science and Technology
9:00-9:20	<b>Susceptible marine species in Iranian aquaculture: Key models of marine fish in Iranian aquaculture</b> Takavar Mohammadian*, Mojtabi Alishahi, Rehane Yousafzadeh
9:20-9:40	<b>Survey abundant and Identification of dominant species of Acartiidea Family in the estuaries water of Arvandrud River- Khuzestan Province</b> Narges saadatmand*, Mahsa Haghi, Mohammad Zakeri
9:40-10:00	<b>The effect of climate change on the Caspian Sea ecosystem- Guilan waters</b> Siamak Bagheri*, Jalil Sabk Ara, Azmat Dada Ghandi
10:00-10:20	<b>Identification fish species diversity in the lake of Maron Dam in Khuzestan province</b> Zahra Mohammadi Makvandi*, Khadijeh Saneie dehkordi, Samaneh Abdovis
	<b>The Determination of Structure of Macroinvertebrates affected by rainbow trout culture in floating cage, southern basin of the Caspian Sea</b> Erfan Karimian*, Mohammad Zakari, Seyyed Mohammad Vahid Farabi, Mehssa Haghi, Prita Kojinin

**Tea break** (The Faculty Lobby)

10:30-11:00

**Group 4 (1/31/2024)- Hall A: Shahid Chamran Amphitheater (Faculty of Economics and Management)- Marine Economics and Management (Geopolitics) section**

	Dr. Mostafa Ghaderi Hajat- Tarbiat Modares University
Panelist	Dr. Hossein Mokhtari Hashi- University of Isfahan
	Dr. Asghar Rashnodi- Khorramshahr University of Marine Science and Technology
11:00-11:20	<b>Geopolitical Conceptualisation of Port Competition</b> Mohammadreza Hafeznia, Mostafa Qaderi Hajat*, Homayoun Abdi, Alireza Reihani
11:20-11:40	<b>Geopolitics of corridors and competition of neighboring countries with Iran Emphasis on Port Faw</b> Seyed Hadi Zarghani*, Masoumeh Gholizadeh
11:40-12:00	<b>Geopolitical analysis of communication corridors around the Persian Gulf</b> Ebrahim Romina*, Zahra Tayibi Sudkalai
12:00-12:20	<b>Explanation of the geopolynomic competition of the North Indian Ocean and the requirements of finding roles in the coasts of Makran</b> Seyed Masoud Kamal Alavi*, Aida Javadi Yajloo
	<b>International law piracy, international criminal court and the middle east region</b> Ali Farhad Nejad*
	<b>Makran, Pilot is a suitable place to experience the foreign policy of the Islamic Republic of Iran with the world</b> Vahid Kayani, Ali Ashuri*

**Group 4 (1/31/2024)- Hall B: Shahid Avini Amphitheater (Faculty of Marine Science and Oceanography)- Marine engineering section**

	Dr. Dawod Salman Banay Almayahi- University of Basrah
Panelist	Dr. Nima Shahni Karamzadeh- Khorramshahr University of Marine Science and Technology Dr. Reza AleAli- Khorramshahr University of Marine Science and Technology
11:00-11:20	<b>Collecting Marin Data with LoRa technology: Smart Routing and Performance Optimization</b> Meghdad Mohammadi*, Hossein Hadadian Nejhada Yousefi, Mohammad Esmail Doust
11:20-11:40	<b>Investigating the reduction of diesel pollutant production in a ship by installing a solar panel and simulating with the help of HOMER software</b> Ehsan Abbasian*, Mohsen Enayati Rad
11:40-12:00	<b>Coastline extraction by supervised classification method using radar images A case study of Chabahar Bay</b> Fateme Bagheri*, Saeed Sadeghian
12:00-12:20	<b>Control simulation of AUV motion and the effect of initial heading angle, speed and direction of water flow on dynamic parameters</b> Ali.Zakiyan Galugahi*
	<b>Harmonic analysis of Makran area</b> Anahita Roshni*, Mohammad Akbari Safiabadi
	<b>Blockchain Challenges for Underwater Internet of Things</b> Fateme Qayim, Mohammad Ismail Dosut*, Meghdad Mohammadi

**Group 4 (1/31/2024)- Hall C: Faculty Amphitheater of Marine Natural resources- Marine Natural resources (Fisheries) section**

	Prof. Sebahattin Ergun- Canakkale Onsekiz Mart University
Panelist	Dr. Takavar Mohammadian- Shahid Chamran University of Ahvaz Prof. Amir Parviz Salati- Khorramshahr University of Marine Science & Technology
11:00-11:20	<b>Evaluation of the dietary risk of heavy metals on human health caused by the consumption of <i>Nemipterus japonicus</i> fish caught from the coast of Makkoran</b> Seraj Bita*, Nazanin Ghorbani Ranjbari
11:20-11:40	<b>Threatening diseases of Asian sea bass, the most important species for marine cage culture in Iran</b> Mojtaba Alishahi*
11:40-12:00	<b>Effects of supplementing nano selenium in a plant protein rich diet on reproductive performance of female Yellowfin seabream (<i>Acanthopagrus arabicus</i>)</b> Sadegh Saffari*, Saeed Kivan Shekoh, Mansour Tarabi Mozanzadeh, Ali Shahriari
12:00-12:20	<b>The use of unconventional waters in aquaculture</b> Mohammad Yooneszadeh*, Saheb.Mortezavi, Farahnaz Kianersi, Mina Ahangarzadeh, Fateme Hekmatpourf
	<b>The effect of transportation on the amount of red head in western white shrimp culture</b> Mehrdad Mohammadi dust*, Fateme Hekmatpou, Lafte Mohseni Nejad
	<b>Effects of soy lecetine on growth parameters and nutrition indexes in Asian seabass</b> Samye Niknejad, Anahita Rezaei*, Rahim Pyghan, Mohammad Razi Jalali, Mansour Torafi Mouzanzadeh

**Pray** (University Mosque)

**Lunch** (Persian Gulf restaurant)

12:30-13:30

**Hall A: Shahid Chamran Amphitheater (Faculty of Economics and Management)**

**Closing Ceremony** 14:00-16:00

Quran

The National Anthem of the Islamic Republic of Iran

Keystone speech: Dr. Yesim Buykates- Canakkale Onsekiz Mart University

Conference Academic chairman

Best Paper Award

Appreciation to sponsors

**Tea break** (Faculty of Economics and Management) 16:00-16:30

**Leisure activity** (Khorramshahr city) 17:00-19:00

**Diner** (Persian Gulf restaurant) 19:00-21:30