Workshop on

Effects of Climate Change on the Indian Ocean Marine Environment

April 20-22, 2020
Kish Island, Islamic Republic of Iran

Organizers:

IORA Regional Centre for Science & Technology Transfer (RCSTT)
Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH
(German Corporation for International Cooperation)
The Iranian National Institute for Oceanography and Atmospheric Science (INIOAS)

In Cooperation with:

- Iranian Research Organization for Science and Technology (IROST)
- The Intergovernmental Oceanographic Commission of UNESCO (IOC-UNESCO)
- Regional Education and Research Centre on Oceanography for West Asia (RCOWA) under the auspices of UNESCO

Organizing Committee:

Dr. Behrooz Abtahi, (INIOAS), inioas@inio.ac.ir
Dr. Tahereh Miremadi, RCSTT, miremadi@irost.org
Prof. Nasrin Moazami, (IROST), nasrin_moazami@yahoo.com
Ms. Fereshteh Moradi, RCSTT, fereshteh.moradi@gmail.com
Mrs. Foroughi, INIOAS, foroghi@inio.ac.ir
Introduction

The Indian Ocean, as the third-largest body of water in the world, plays an important role in the economy, ecosystem and the weather from local to global scales. Many properties of the Indian Ocean, can be fundamentally influenced by climate change. Climate change is rapidly impacting the weather, ecosystems and life of more than two billion people. Therefore, investigation of climate change effect from different points of view, from marine environment/biodiversity to weather variation, is significant.

The workshop entitled as "Effects of Climate Change on the Indian Ocean Marine Environment" is planned to be organized by the Regional Centre for Science and Technology Transfer (RCSTT) in cooperation with the Iranian National Institute for Oceanography and Atmospheric Science in Kish Island, I.R. Iran in April 20-22,2020. This workshop will focus on the effects of climate change on the physical, chemical, biological and meteorological properties of the Indian Ocean and adjacent seas. This workshop will aim to bring together scientists and policymakers with an interest in climate change and marine environments. During this workshop, the scientists and experts from the IORA Member States will present their latest findings, knowledge and information on different aspect of climate change, its impacts and also the related policies. Participants will have the opportunity to discuss and formulate new issues and research areas.

Summary of Key Points

- Atmospheric-oceanic parameters
- Extreme events
- Dissolved gases
- Coastal Flooding.
- Ocean Acidity
- Marine ecosystem

Objectives

* To promote sharing knowledge and findings on the effects of climate change on various aspects of the marine environment and ecosystem.

* To enhance capacities and skills of IORA Member States on the sustainable management and conservation of the marine biodiversity.

* To encourage international research parternership to invest in the conservation and restoration of blue carbon ecosystems as an important component for mitigating the effects of climate change.

* To increase awareness and resilience of IORA Member States on climate change driven disasters and damages.
* To design an action plan to address the impacts of climate change on marine environment and ecosystems, as well as its implications on food security.
* To motivate researchers to assess and validate their hypothesis on the climate change, leading to promotion of numerical climate prediction.

**Programme Topics**

The topics to be presented in the workshop would be as follows:

- Variation of atmospheric parameters and related outcomes
- Dissolved oxygen and CO2 in the seawaters as a warning for climate change
- Potential effects of climate change on the extreme events
- Threats of climate change on sensitive marine ecosystems in the marginal seas

**Target Participants**

Experts from IORA Member States/Dialogue Partners, R&D institutions, scientists and students with wide interest and experience in climate change and marine sciences.

**Registration and nomination of participants**

Each IORA Member State is invited to nominate one representative to participate in the programme on the recommendation of the National Focal Point of the respective country. Upon request to the organizing committee, a second participant may also be accepted under certain conditions.

All participants are required to fill the the “Registration Form” provided as Annex-I, including a short profile/bio-data (max. 200 words), with endorsement of the IORA National Focal Point. Completed registration forms, copy of passport, a short resume and a personal photo should be sent to the following email addresses: info.rcstt@gmail.com, tamiremadi@yahoo.com, fereshteh.moradi@gmail.com and a copy to IORA Secretariat at hq@iora.int by **March 20, 2020**. Participants are required to give a Country Report presentation at the workshop outlining their country experiences focused on the workshop content. An electronic version of the presentation and a Microsoft word format of the presentations should be forwarded via email at least two weeks before the meeting.
Date & Venue

- April 20-22, 2020
- Kish Island, Islamic Republic of Iran
- Deadline for submission of registration documents: March 20, 2020

Programme Duration

The programme will be conducted in April 20-22, 2020 and will include a two-day workshop and a one-day technical visit and sightseeing.

Hospitality

Full hospitality will be provided for one participant per Member State. It will include air ticket (economy class), accommodation, meals and transport to and from the airport. The second participant from each country will be accepted under local hospitality that is, he/she will be provided only with accommodation, meals and transport to and from the airport (No travel cost is provided). The applicants from “Dialogue Partners” will also be provided with local hospitality that is accommodation, meals and transport to and from the airport (No travel cost is provided).

Attire and Language

Business attire is recommended (although not a must) for the opening and closing sessions.

English will be the working language during the Workshop.
ADDITIONAL INFORMATION

Entry Visa Procedure:
Kish Island is considered as one of the most important free zones of Iran and no entry visa is required for this beautiful Island. The foreign nationals will be allowed to stay up to 14 days on the Island at their arrival.

Time in Iran and Weather in Kish Island

Time zone in Iran (GMT+3:30)
The weather in Kish Island during April is mid and pleasant, not very cool and not very warm. Daytime temperatures usually reach 29°C in Kish Island in April with moderate heat and humidity, falling to 19°C at night. The humidity is approximately 60% for most of the year in this Island.

Business Hours
Public offices including banks and exchange centres are generally open from 8 am to 16 pm from Saturday to Wednesday. However, the recreation areas and shopping centres are open between 10 am to 23 pm all week days.

Currency
Rials, Tomans (each 10 Rials)

VISA card, Master card and other credit cards are not accepted in Iran.

It's better to bring your money (Euros /Dollars) in cash that you can change so easily in Kish Island.

Don't worry about carrying cash with you. All travellers agree that Iran in general and Kish Island in particular is one of the safest destinations to travel.

Electricity
In Iran the standard voltage is 220 V and the frequency is 50 Hz. You can use your electric appliances in Iran, if the standard voltage in your country is in between 220 - 240 V (as is in the UK, Europe, Australia and most of Asia and Africa).
**Brief about Kish Island**

Kish Island, often called the Pearl of the Persian Gulf has an area of 90 square km (36 sq. miles). It is known for being a beautiful resort in the Middle East.

An attractive spot in the Persian Gulf, Kish Island has a long history of 3000 years. Kish Island was ranked among the world’s 10 most beautiful islands and it is the fourth most visited vacation destination in the Middle East. The resort water-sports make a pleasant diversion, visiting the ancient sights is a unique opportunity, and cycling around the island on the coastal bike path is a fun experience. Part of the Hormozgān Province of Iran, the relaxed atmosphere of Kish Island has changed it to a mental-health break resort. Foreign nationals wishing to enter Kish Free Zone from legal ports are not required to obtain visas prior to travel; valid travel permits are issued for 14 days by airport and Kish port police officials. The official language is Persian, but English is also spoken by some shopkeepers, residents and students who live on the Island. It is worth noting that crime rate in Kish Island is one of the lowest around the world, and is thus a very safe place to live. The Island also enjoys a pleasant climate, with warm summers and mild winters, and an average of 300 days of sunshine.
# Registration Form

**Workshop on Effects of Climate Change on the Indian Ocean Marine Environment**

April 20-22, 2020  
Kish Island, Islamic Republic of Iran

*Kindly return the completed registration form by e-mail to the Organizing Committee through the email addresses indicated in the Administrative Note no later than **March 20, 2020**.  
**NOTE:** Please type the requested details; hand-written forms are not accepted.*

<table>
<thead>
<tr>
<th>First Name (Mr/Mrs/Ms)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Surname</td>
<td></td>
</tr>
<tr>
<td>Father’s name/Grandfather’s name</td>
<td></td>
</tr>
<tr>
<td>Country</td>
<td></td>
</tr>
<tr>
<td>Nationality</td>
<td></td>
</tr>
<tr>
<td>Passport No.</td>
<td></td>
</tr>
<tr>
<td>Passport Expiry Date</td>
<td></td>
</tr>
<tr>
<td>Passport Place of Issue</td>
<td></td>
</tr>
<tr>
<td>City of Departure</td>
<td></td>
</tr>
<tr>
<td>Designation</td>
<td></td>
</tr>
<tr>
<td>Institution</td>
<td></td>
</tr>
<tr>
<td>Occupation</td>
<td></td>
</tr>
<tr>
<td>Phone/Mobile (Country code)</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Email</td>
<td></td>
</tr>
<tr>
<td>The nearest city you can get your visa</td>
<td></td>
</tr>
</tbody>
</table>

- Copy of passport  
- Passport size photograph  
- Short bio (200 words max.), attached

**Flight Itinerary For**

<table>
<thead>
<tr>
<th>Date of Arrival</th>
<th>Flight No.</th>
<th>ETA *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Departure</td>
<td>Flight No.</td>
<td>ETD *</td>
</tr>
</tbody>
</table>

**Dietary Restrictions**

- Vegetarian  
- Others, please specify:

**Approval from National Focal Point**

- Yes, attached  
- No