



2021  
2030 United Nations Decade  
of Ocean Science  
for Sustainable Development



**INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION  
(of UNESCO)**

**31<sup>st</sup> session of the Assembly**

**3.3.4 IOCINDIO VIII**

**Rear Admiral (Retd.) Khurshed Alam, Chair, IOCINDIO**

**Dr. Maryam Ghaemi, Vice Chair; Dr. Saif Mohammed AlGhais, Vice Chair**

16<sup>th</sup> June 2021

**On-line**

**Australia, Bangladesh, France, India, Indonesia, Iraq, Iran, Kuwait, Malaysia, Maldives, Myanmar, Oman, Pakistan, Qatar, Saudi Arabia, Sri Lanka, Thailand, United Arab Emirates, United Kingdom**

# Activities of IOCINDIO from May 2019 till date

- **Scientific, Technical and Institutional Innovations Workshop for National and Regional Framework on Coastal Vulnerability Assessment and Monitoring for Sea-Level Rise and Storm Surges in the Indian Ocean Region** 27-30 May, 2019 at ITOcean, INCOIS, Hyderabad, India
- **Regional Planning Workshop** for the Northern/Central Indian Ocean countries as well as ROPME sea area **towards the UN Decade of Ocean Science for Sustainable Development (2021-2030)**, 8-10 January, 2020 NIOT, Chennai, India
- **Indian Ocean Blue Economy Summit** – Webinar on Blue Economy in the Indian Ocean region towards United Nations Decade of Ocean Science for Sustainability (2021-2030) held on May 6, 2021, online



United Nations  
Educational, Scientific and  
Cultural Organization



Intergovernmental  
Oceanographic  
Commission



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# REGIONAL COASTAL VULNERABILITY FRAMEWORK (RCVF)

towards

CLIMATE CHANGE IMPACTS, ADAPTATION AND  
RESILIENCE FOR IOCINDIO COASTAL AREAS  
(CARI-coast)



The bottom half of the slide features a composite image of a globe. The globe is shown from a perspective that includes Africa, Europe, and Asia. Overlaid on the globe are various marine life forms: a large whale, a seal, a sea turtle, and a shark. There is also a significant amount of plastic waste, including bottles and bags, floating in the water around the globe, symbolizing the impact of climate change and pollution on marine ecosystems.

# Recommendations

▶ **IOCINDIO WG on Coastal Vulnerability as advisory Group for the implementation of the Recommendations and development of the Regional Vulnerability Framework**

▶ **Specific requirements for IOCINDIO Capacity Development:** On-Job training, international and in-region science mobility, Fellowships/Bursaries, joint regional and international projects.

▶ **Regional & International Cooperation**

- IPE Global

- Cooperation with NOAA (Ocean & Weather services)

- Portsmouth University

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**Regional Planning Workshop** for the Northern/Central Indian Ocean countries as well as ROPME sea area **towards the UN Decade of Ocean Science for Sustainable Development (2021-2030)**



***Under the patronage of the Ministry of Earth Sciences, Government of India***

- Venue : National Institute of Ocean Technology (NIOT), NIOT Campus, Chennai, India
- Date : 8-10 January, 2020
- Sponsors : IOC of UNESCO ; Ministry of Earth Sciences, Government of India.

## The major flagship activities recommended from this region are :

- To develop a Regional Framework for Coastal Vulnerability towards the Safety, Security and Sustainable Development of Member States in the Indian Ocean.
- Monitoring and Management of Marine litter and research on micro plastics
- Tsunami Early Warning in the Indian Ocean.
- Inventory with knowledge gaps in existing programmes, studies and researches maximizing their wide and equitable usage towards the UN Decade success.

# Indian Ocean Blue Economy Summit

- Webinar on Blue Economy in the Indian Ocean region towards United Nations Decade of Ocean Science for Sustainability (2021-2030)
- Jointly organized by the IOC Regional Committee for the Central Indian Ocean (IOCINDIO), IEEE Oceanic Engineering Society, Marine Technology Society (MTS), Ocean Society of India (OSI), Kuwait Institute for Scientific Research (KISR), Kuwait, Ministry of foreign Affairs, Bangladesh, South Asia Cooperative Environment Programme (SACEP), Department of Oceanography, University of Chittagong, Bangladesh, Indian Institute of Technology, Madras, India, Basrah Marine Science Centre, Iraq, Iranian National Institute for Oceanography and Atmospheric Science, Iran, Ministry of Municipality and Environment, State of Qatar, National Institute of Oceanography, Pakistan, University of Portsmouth, UK and King Abdullah University of Science and Technology, Saudi Arabia.

# Concluding Session – Panel discussion

1. Cooperation and collaboration is the key to success,
2. Mariculture is the best option to meet fisheries demand,
3. Special focus is required on natural hazards in the Indian Ocean region,
4. Studies on pollution, micro-pollution, ship related pollution needs to be emphasized by researchers from IOC,
5. It is envisaged that the next generation should see more productive ocean health.

***‘Indian Ocean is least studied and its coasts are prone to many natural hazards. The Indian Ocean rim countries have lot of untapped resources as far as Blue economy is concerned. Where do you see the Indian Ocean region after the conclusion of the UN decade of Ocean science for sustainability taken up by IOC in 2030?’***



# Elevation of IOCINDIO

- The IOC Assembly at its 30th session took note of the recommendation put before it by IOCINDIO at its 7th session (Hyderabad, India, 31 May–1 June 2019) to change the status of the IOC Regional Committee for the Central Indian Ocean into an IOC Sub-commission.
- By Assembly decision IOC-XXX/3.3.4, the IOCINDIO Chair was requested to prepare, with the help of the IOC Secretariat, a proposal for changing the status of IOCINDIO that would contain the mission, the objectives, terms of references, budgetary implications, secretarial arrangements and other necessary provisions for the consideration of the IOC Executive Council in 2020.
- This was done and a consultation meeting was held with member States on the 16<sup>th</sup> April 2021.
- This was further discussed at the IOCINDIO VIII meeting from the 17<sup>th</sup> to 19<sup>th</sup> May 2021

# Recommendations of IOCINDIO VIII

- **Recalling** *Resolution XXV-2* at the 25th Session of the Assembly in June 2009, representing the entire IOC Member States and partners family, which expressed strong interest for re-activating IOCINDIO; the *Resolution EC-XLIX.1* of the Forty-ninth Session of the Executive Council (Paris, 7-10 June 2016) which requested among others, the IOC Executive Secretary to appoint a Secretariat Focal Point to be responsible for liaison between the Member States and the IOCINDIO officers;
- Appreciation of the efforts of the IOC Governing Bodies and the Secretariat which identified complementary Additional Programmes seed funds, though small, enabling the initial implementation of the above Resolutions, including the organisation of IOCINDIO-VI (Kuwait, 2017) and IOCINDIO-VII (India, 2019) Sessions with their subsequent activities
- Preparation of the United Nations Decade of Ocean Science for Sustainable Development through their mobilisation leading to the successful organisation of the related Regional Planning workshop generously hosted by the Government of India, (Chennai, 8-10 January, 2020).

# Recommendations of IOCINDIO VIII

- Noting the informal consultation meeting organised by the IOC and the strong support of Member States at the consultative meeting and the IOCINDIO VIII session meeting.
- **Recommend the transformation of the IOC Regional Committee for the Central Indian Ocean in to the IOC Sub Commission for the Indian Ocean with the relevant prerogatives, Secretariat support, programme and operational budget as it is the case for the other IOC Regional Subsidiary Bodies such as IOCAFRICA, IOCARIBE and WESTPAC; in the spirit of the universal values of the United Nations for equity and equality among people, Member States and region**
- Expressed deep appreciation to the Government of India for its generous offer to provide in kind support for the **establishment of a transitional regional Secretariat for the IOC Sub Commission** for the Indian Ocean till the establishment of a dedicated Regional Secretariat for IOCINDIO as it is the case for the other Regional Subsidiary Bodies in the spirit of United Nations universal values of equity and equality among people, Member States and regions
- Requested finally the 31st Session of IOC Assembly to endorse the present Recommendations and to identify allocations of financial resources from the Regular Budget and extra budgetary of the IOC to support the full implementation of the IOCINDIO-VIII Recommendations aligned with the other existing Sub Commissions



*Thank You all participants and member States*