



المؤتمر الدولي السادس حول الاحتباس الحراري - أهمية المحيطات
رأس الخيمة الإمارات العربية المتحدة
6th International Conference on Global Warming: The Critical Role of Oceans
Ras Al Khaimah United Arab Emirates
December 4-7, 2023

6TH INTERNATIONAL CONFERENCE ON GLOBAL WARMING

THE CRITICAL ROLE OF OCEANS

DECEMBER 4-7, 2023



CONFERENCE AGENDA

VENUE: MÖVENPICK RESORT, AL MARJAN ISLAND, RAS AL KHAIMAH

GLOBAL WARMING: THE CRITICAL ROLE OF OCEANS

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Day 1, Monday 04 December, 2023

09:00 - 10:00	Registration
10:20 - 12:00	Inaugural Session
10:20 - 10:30	Traditional Performance
10:30 - 10:40	Welcome Address H.E Dr. Saif M. AlGhais Director General, Environment Protection & Development Authority, RAK, UAE
10:40 - 11:00	Inaugural Address H.E James Alix Michel Former President of Seychelles
11:00 - 11:10	Inaugural Address H.E Dr. Mohammed S. Al Kendi Former Minister of Environment & Water
11:10 - 11:25	Inaugural Address H.E Dr. Mohammed Salman Alhammadi Assistant Undersecretary - Biodiversity & Marine Life Sector, Ministry of Climate Change and Environment, UAE
11:25 - 11:35	Inaugural Address Dr. Justin AHANHANZO IOC Regional Liaison Officer for Latin America and the Caribbean, Asia and the Pacific and Africa, IOC-UNESCO
11:35 - 12:00	COFFEE BREAK
Session I: 12:00 - 14:10	The Role of Oceans on Planet Earth
Chairman	Dr. Abdul Rahman AlShayeb AlNaqbi, Director General, Department of Economic Department
12:00 - 12:30	KEYNOTE <i>THE ROLE OF THE OCEAN ON PLANET EARTH: The 21st Century: The Sweet Spot in Time</i> Dr. Sylvia Earle, President and Chairman, Mission Blue
12:30 - 12:45	<i>Effective Citizen Science: Playing A Role in Marine Life Restoration</i> Eng. Ahmad Nabil, Alpha Shop, Jadaf View Dubai
12:45 - 13:00	<i>The Power of Healing the Ocean</i> Maximiliano Bello, Partnership Liaisons - Island Conservation, Director of Policy - Mission Blue
13:00 - 13:15	<i>Implications of Global Warming on Oceans</i> Prof. Moustafa Fouda, Minister Advisor of Environment, Egypt
13:15 - 13:30	<i>Advancing Blue Carbon Conservation: Integrating Seascape Metrics and Habitat Connectivity for Optimal Nature-Based Solutions</i> Dr. Stephen Carpenter, Marine Ecologist and GIS Expert, Emirates Nature in Association with WWF, UAE
13:30 - 14:00	<i>Response to Global Warming & Climate Change via Space Technology Coordinated by UNESCO</i> Prof.h.c.Dr.-Ing. Guochang XU & Dr. Jia XU, Harbin Institute of Technology - China
14:00 - 14:10	Discussion
14:10 - 15:00	PRAYER & LUNCH BREAK

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Session II: 15:00 - 17:25	Sustainable Ocean Transport and Coastal Development
Chairman	Mr. Lourens Jan Van Zyl, Health, Safety, Environment & Quality Manager, RAK Ports
15:00-15:30	KEYNOTE <i>Climate Change, Human Disturbance and The Threat to The Orchas Along the Pacific Coast of Washington State and British Columbia, Canada</i> Prof. Bradley F Smith , Former Chair, Washington Fish and Wildlife
15:30 - 15:45	<i>A Remote Sensing Approach for Displaying the Changes in the Vegetation Cover at Az Zakhnuniyah Island at Arabian Gulf, Saudi Arabia</i> Dr. Wafa'a Abdulrahman Al-Taisan , Imam Abdulrahman Bin Faisal University, Dammam, Saudi Arabia
15:45 - 16:00	<i>UNESCO Biosphere Reserves</i> Dr. Benno Boer , Chief, Natural Sciences Unit, UNESCO New Delhi Multifunctional Regional Office
16:00 - 16:15	COFFEE BREAK
16:15 - 16:30	<i>Has the Northwest Arabian Sea Warmed Up? Evidences Or Speculations</i> Dr. Samina Kidwai , National Institute of Oceanography (NIO), Pakistan
16:30 - 16:45	<i>Cultivating a Comprehensive Legal Framework for the Autonomous Navigation of Maritime Vessels</i> Dr. Mohammad Owais Farooqui , Assistant Professor, Department of Public Law, College of Law, University of Sharjah, Sharjah, UAE
16:45 - 17:00	<i>Policies and Actions for Mangrove Conservation in Indonesia</i> Dr. Muhammad Abdul Kholiq , National Research and Innovation Agency - Indonesia
17:00 - 17:15	Discussion
End of 1st Day Program	

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Day 2, Tuesday 05 December, 2023

08:30 - 09:30 Registration & Assembly

09:30 - 12:00 Meeting IOCINDIO

12:00 - 13:00 Lunch Break at Mövenpick Resort Al Marjan Island - RAK

13:30

Visit to COP28 for EcoLabel Ceremony
Expo 2020 City - Dubai

13:30

Departure from Mövenpick Resort Al Marjan Island to COP28 - Expo 2020 City - Dubai
The transportation will be provided

16:00 - 16:35

EcoLabel Ceremony and Certification
COP28 (House of Sustainability - Expo 2020)

16:35

Sightseeing in the COP28 Green Zone Area

End of 2nd Day Program

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Day 3, Wednesday 06 December, 2023

08:00 - 9:00 Registration

Session III:
09:00 - 11:30

The Blue Economy

Chairman Dr. Naceur Jabnoun, Senior Advisor, General Secretariat of the Executive Council, RAK

09:00 - 09:30 **KEYNOTE**

Contribution of IOC of UNESCO to addressing global warming Achievement of the UN 2030 Agenda with its SDGs 13 on climate and 14 on the ocean is science intensive
Dr. Vladimir Ryabinin, Executive Secretary, Intergovernmental Oceanographic Commission of UNESCO

09:30 - 09:45 *Blue Economy - the Challenges to Implement*

Dr. M. A. Atmanand, Visiting Professor, Indian Institute of Technology, Madras, Chennai, Director (Retd.), National Institute of Ocean Technology, India

09:45 - 10:00 *Ocean Information and Advisory Services for a Sustainable and Resilient Blue Economy*

Dr T. Srinivasa Kumar, Director of Indian National Centre for Ocean Information Services, Ministry of Earth sciences, India

10:00 - 10:15 *Challenges and Strategies for Sustainable Blue Economy in Africa*

Prof. Amr Z. Hamouda, National Institute of Oceanography and Fisheries (NIOF), Egypt

10:15 - 10:30 *Ocean Forecasting System for the development of blue economy in Bangladesh*

Dr. K M Chowdhury, Department of Oceanography, University of Dhaka, Bangladesh

10:30 - 10:45 *Blue Economy of Bangladesh: Potentialities and Challenges of Marine Fisheries for Sustainable Blue Growth: A Case Study of Cox's Bazar, Bangladesh*

Prof. Shahina Akter, Assistant Professor, Bangladesh Open University, Bangladesh
Advancing ocean observation in Africa: a valuable resource for research institutions and policymakers

10:45 - 11:00

Suzan El Gharabawy, National Institute of Oceanography and Fisheries (NIOF), Egypt

11:00 - 11:15 Discussion

11:15 - 11:30 **COFFEE BREAK**

Session IV:
11:30 - 13:40

Future Voices for a Changing Climate: Exploring the Role of Oceans in Global Warming

Chairman Dr. Steven Reissig, Chief Academic Zone Officer, Ras Al Khaimah Economic Zone

11:30 - 12:00 **KEYNOTE**

The Indian Ocean Observing System for Global Climate Science and Society
Dr. Sidney Thurston, Director for Global Science and Technology, EarthX

12:00 - 12:10 *Blue Economy*

Ali, Ahmed, Rowda, Zahra Abdul Wahid - Al Rowad Private School Ras Al Khaimah

12:10 - 12:20 *Coastal Tourism as a Growth Sector in the Blue Economy*

Maryam Alsuwaidi, Ibrahim Pasha - The International School of Choueifat - Ras Al Khaimah

12:20 - 12:30 *Healthy Islands and Oceans*

Sara Salamanca - St. Mary Private High School RAK

12:30 - 12:40 *Ocean Production and Food Security*

Amina Naqib, Tasnim Rabi, Shahed Na'el - Alrawabi Private School

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- 12:40 - 12:50** *Ocean Production and Food Security*
Cherian James - Indian School Ras Al Khamiah
- 12:50 - 13:00** *Climate change and the importance of oceans*
Ban Ghasan, Joury Thaaer, Rimas Fayez, Sara Gamal - Dar Alsalam Private School
- 13:00 - 13:10** *Sustainable Ocean Transport and Coastal Development*
Kripa Susan Baiju - Indian School Ras Al Khamiah
- 13:10 - 13:20** *The Role of Oceans on Planet Earth*
Shaima Essam, Ola Ahmad, Yara Tariq - Al Manar Private School
- 13:20 - 13:30** *Role of Ocean*
Saraboni Das - Al Bangladeshi Private English Private School Ras Al Khaimah
- 13:30 - 13:40** *Global Warming*
Fatima Hussain, Malak Eyad - AlSalaf AlSaleh Private School Ras Al Khaimah
- 13:40 - 13:50** Discussion

13:50 - 15:00 PRAYER & LUNCH BREAK

15:00 - 18:00 Site Visit to Khor Muzahmi Protected Area

15:00 Departure from Mövenpick Resort Al Marjan Island to Khor Muzahmi Protected Area

18:00 Departure from Khor Muzahmi Protected Area to Mövenpick Resort Al Marjan Island

19:00 Dinner by Invitation

End of 3rd Day Program

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Day 4, Thursday 07 December, 2023

08:00 - 09:00	Registration
Session V: 09:00 - 11:20	Healthy Island and Oceans: The Key to Climate Resilience
Chairman	Dr. Justin AHANHANZO , IOC Regional Liaison Officer for Latin America and the Caribbean, Asia and the Pacific and Africa, IOC-UNESCO
09:00 - 09:30	KEYNOTE <i>Healthy Islands and Oceans: The Key to Climate Resilience</i> Dr Penny Becker , Vice President Conservation, Island Conservation
09:30 - 09:45	<i>Promoting a healthy and sustainable marine ecosystem along the coastal regions by developing observing and modelling systems</i> Dr. Yuntao Wang , Director of Satellite Ocean Environment Dynamics, Second Institute of Oceanography, MNR, China
09:45 - 10:00	<i>Mangrove Conservation and Expansion in Saudi Arabia: A Vision for Coastal Ecosystem Sustainability</i> Dr. Saleh Al-Zamanan , Director of Mangrove Forest, National Center for Vegetation Cover Department & Combating Desertification, Saudi Arabia
10:00 - 10:15	<i>Microplastics in Beach Sediments along the Coast of Dubai, UAE</i> Prof. Atta Gaffar Attaelmanan , University of Khorfakkan, United Arab Emirates
10:15 - 10:30	<i>Resilience drivers in some coral reef sites in Wadi El-Gemal marine protected area, Southern Egyptian Red Sea</i> Abdulrahman Nassar , Al Azhar University, Egypt
10:30 - 10:45	<i>Co-design of Digital DEPTH, an UN Ocean Decade Programme</i> Dr. Xuewei Xu , Director of the Science & Technology Department, Second Institute of Oceanography, MNR, China
10:45 - 11:00	<i>Identification of Microplastics in Calanoid Copepod from the Sandwip Channel, Bay of Bengal, Bangladesh</i> Najmus Sakib Khan , Head of the Department, Department of Oceanography, Noakhali Science and Technology University
11:00 - 11:15	<i>An official field trip to monitor and follow up the whale sharks (<i>Rhincodon typus</i>) in the north of the State of Qatar</i> Prof. John Wong , Ministry of Environment and Climate Change, Qatar
11:15 - 11:30	<i>Assessment of Extreme Weather Events in the Changing Climate over the Indonesia Maritime Continent</i> Dr. Erma Yulihastin , National Research and Innovation Agency of Republic Indonesia (BRIN) - Indonesia
11:30 - 11:45	Discussion
11:45 - 12:00	COFFEE BREAK
12:00 - 12:45	CLOSING SESSION
12:45 - 14:30	PRAYER & LUNCH BREAK
End of 4th Day Program	