

IO-Con 2024 Session Coordination: Agenda

(IST = UTC+0530)

IO-Co 2024 : An Overview

February 1, 2024 (Thursday)	February 2, 2024 (Friday)	February 3, 2024 (Saturday)
<p><u>Forenoon: 1000-1300</u></p> <p>Inaugural and Plenary session</p> <p>(Atal Bhavan (ITCOO), First Floor, Hall-1 (Plenary Hall))</p> <p>Hall In-charge: Vijay G, N. Kiran Kumar Moinuddin and Ch. Naresh)</p>	<p><u>Forenoon: 1000-1300</u></p> <p>Session-2: Breakout sub-sessions (Ocean Decade Challenge 3, (Atal Bhavan (ITCOO), First Floor, Hall-1 (Plenary Hall))</p> <p>Ocean Decade Challenge 4, (Atal Bhavan (ITCOO), First Floor, Hall-2 (e-Class Room) Hall In-charge: K. Rajesh)</p> <p>Special Session "IOR @ Ocean Decade" engaging regional frameworks (Atal Bhavan (ITCOO), Ground Floor, Hall-3 (Breakout Room))</p> <p>Hall In-charge: Nirmala, NB Subramanyam)</p>	<p><u>Forenoon: 1000-1300</u></p> <p>Session-4: Breakout sub-sessions (Ocean Decade Challenge 9, (Atal Bhavan (ITCOO), First Floor, Hall-1 (Plenary Hall))</p> <p>Ocean Decade Challenge 10, (Atal Bhavan (ITCOO), First Floor, Hall-2 (e- Class Room))</p> <p>Hall In-charge: K. Rajesh)</p> <p>NDC Special Session : Harmonizing NDCs of the IOR and beyond (Atal Bhavan (ITCOO), Ground Floor, Hall-3 (Breakout Room))</p> <p>Hall In-charge: Nirmala, NB Subramanyam)</p>

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Afternoon: 1400-	Afternoon: 1400-1700	Afternoon: 1400-
<p>Session-1: Breakout sub-sessions (Ocean Decade Challenge 1, (Atal Bhavan (ITCOO), First Floor, Hall-1 (Plenary Hall)) Ocean Decade Challenge 2, & (Atal Bhavan (ITCOO), First Floor, Hall-2 (e-Class Room)) Ocean Decade Challenge 5) (Atal Bhavan (ITCOO), Ground Floor, Hall-3 (Breakout Room)) <i>(each of the sub-sessions of sessions 1-4 will include a challenge specific plenary talk, 5 invited talks, and a panel discussion, sub-sessions converge at the end of the sessions)</i></p>	<p>Session-3: Breakout sub-sessions (Ocean Decade Challenge 6, (Atal Bhavan (ITCOO), First Floor, Hall-1 (Plenary Hall)) Ocean Decade Challenge 7 (Atal Bhavan (ITCOO), First Floor, Hall-2 (e-Class Room)) Ocean Decade Challenge 8) (Atal Bhavan (ITCOO), Ground Floor, Hall-3 (Breakout Room)) Evening: 1730-1830 ECOP Session (Atal Bhavan (ITCOO), First Floor, Hall-2 (e-Class Room))</p>	<p>Conclusive and valedictory Outcomes of IO-Con 2024 (/takeaway to Barcelona, 2024) (Atal Bhavan (ITCOO), First Floor, Hall-1 (Plenary Hall)) INCOIS Silver Jubilee celebrations (Atal Bhavan (ITCOO), First Floor, Hall-1 (Plenary Hall)) Cultural Program Conference Dinner</p>

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Date: 1 Feb, 2024

Session: Forenoon (1000-1300h IST)

Inaugural and Plenary Session

Venue: Atal Bhavan (ITCOO), First Floor, Hall-1 (Plenary Hall)

Time	Speaker	Title
1000-1005 IST	Invocation and Lighting of the Lamp	
1005-1010 IST	Dr. Srinivasa Kumar T INCOIS, India	Welcome Address
1010-1015 IST	Ms. Alison Clausen IOC-UNESCO, France	Ocean Decade
1015-1020 IST	Dr Yutaka Michida IOC-UNESCO Chairperson	Special Remarks
1020-1040 IST	Mr. Vishal V. Sharma, India's Ambassador/ Permanent Representative of India to UNESCO	Special Remarks
1040-1100 IST	Dr. Vladimir Ryabinin IOC-UNESCO, France	Address on Ocean Decade
1100-1110 IST	Dr. Ravichandran M Ministry of Earth Sciences, India	Inaugural Address
1110-1130 IST	Inauguration of Exhibition & <i>High Tea</i>	
1130-1150 IST	Dr. Shubha Sathyendranath Plymouth Marine Laboratory, UK	Plenary 1 – Ocean Health
1150-1210 IST	Dr. Nadia Pinarði Decade Collaborative Centre for Coastal Resilience, Italy	Plenary 2 – Community Resilience
1210-1230 IST	Dr. Kilaparti Ramakrishna Woods Hole Oceanographic Institution, USA	Plenary 3 – Climate and Oceans
1230-1250 IST	Dr. Peter M. Haugan Institute of Marine Research, Norway	Plenary 4 – Policy and Ocean Governance
1250-1300 IST	Discussion and Conclusion	

Session Coordinators: Dr. E Pattabhi Rama Rao, INCOIS, India

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Date: 1 Feb, 2024,

Session -1: Afternoon (1400-1700h IST)

Challenge: 1 Understand and beat marine pollution

Session Chair: Dr. Shubha Sathyendranath Merit Remote Sensing Scientist, Plymouth Marine Laboratory, UK

Rapporteur: Dr. Dhanya Mohan Lal, INCOIS

Session Coordinators: Dr. Sudheer Joseph, INCOIS, India + International expert TBD

Venue: Atal Bhavan (ITCOO), First Floor, Hall-1 (Plenary Hall)

Time	Speaker	Title
1400-1430 IST	WG Member Dr. Maxi Castrillejo, Oceanographer, University of Lausanne and Imperial College London.	Virtual Keynote: Vision 2030 White Paper - Challenge 1
1430-1445 IST	Mr. Harish Shenoy, Managing Director, Plastic Fischer India	Invited talk
1445-1500 IST	Dr. V.V.S.S. Sarma NIO, Visakhapatnam.	Invited talk
1500-1515 IST	Dr. Mohan Kumar Das Executive Director, National Oceanographic And Maritime Institute, Bangladesh)	Invited talk
1515-1530 IST	Ms. Nabanita Das Shahjalal University of Science & Technology, Bangladesh	Invited ECOP talk
1530-1600 IST	<i>High Tea</i>	
1600-1615 IST	Dr. Vinu Valsala	Coastal Ecosystem and Fishery in view of increasing acidification. Few insight from Indian Research Perspective.
1615-1645 IST	Speakers of the session along with, <ul style="list-style-type: none"> ● Dr. Vinu Valsala, ● Indian Coast Guard rep. 	Panel Discussion#
1645-1700 IST	Session Summary and Conclusion	

Applicable to all sessions

Discussion on: Present status, limitations, initiatives, hindrances, infrastructure, data, capacity development needs, knowledge sharing mechanisms, partnership and resource opportunities, technological solutions and innovation.

(Live engagement of audience will be sought through feasible online + offline modes)

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Date: 1 Feb, 2024,

Session -1: Afternoon (1400-1700h IST)

Challenge: 2 Protect and restore ecosystems and biodiversity

Session Chair: Prof. Aileen TAN Shau Hwai

Rapporteur: Dr. Sandip Giri, INCOIS

Session Coordinators: Dr. Kunal Chakraborty, INCOIS, India + International expert TBD

Venue: Atal Bhavan (ITCOO), First Floor, Hall-2 (e-Class Room).

Time	Speaker	Title
1400-1430 IST	WG Co-Chair Prof. Aileen TAN Shau Hwai Universiti Sains Malaysia, Malaysia	Vision 2030 White Paper - Challenge 2
1430-1445 IST	Prof. Heather Koldewey, Marine Science (Bertarelli Foundation) & ZSL, UK.	Developing solutions for biodiversity protection and restoration in a changing climate: The contribution of the Bertarelli Foundation's Marine Science programme
1445-1500 IST	Dr. Eric Raes Minderoo Foundation, Australia	The OceanOmics Program: Monitoring & Protecting Ocean Life
1500-1515 IST	Dr. Rukia Abdallah Kitula IMS, University of Dar-Es-Salam, Tanzania	Invited talk
1515-1530 IST	Dr. GVM Gupta Director, ESSO-CMLRE, India	Marine Living Resources and Biodiversity of the Northern Indian Ocean
1530-1600 IST	<i>High Tea</i>	
1600-1615 IST	Dr. Matt Frost, Head Of International Office, Plymouth Marine Laboratory	Protecting and restoring marine ecosystems and biodiversity: Ocean Action at a global level

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1615-1645 IST	Speakers of the session along with, <ul style="list-style-type: none">● Dr. Jenny Huggett, Oceans Research, Dept. of Forestry, Fisheries & Env., South Africa● Dr. Krishnan P, Director Bay of Bengal Program, India● Prof. T Balasubramanian, Centre of Advanced Study in Marine Biology, India	Panel Discussion
1645-1700 IST	Session Summary and Conclusion	

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Date: 1 Feb, 2024

Session: Afternoon (1400-1700h IST)

Challenge: 5 Unlock ocean-based solutions to climate change

Session Chair: Dr. Kilaparti Ramakrishna, Woods Hole Oceanographic Institution, USA

Rapporteur: Laxmikant A. Dhage, INCOIS

Session Coordinators: Dr. Abhisek Chatterjee, INCOIS, India + International expert TBD

Venue: Atal Bhavan (ITCOO), Ground Floor, Hall-3 (Breakout Room)

Time	Speaker	Title
1400-1430 IST	WG Co-Chair Prof. Christopher Sabine, Oceanography Dept., University of Hawai'i.	Virtual Keynote: Vision 2030 White Paper - Challenge 5
1430-1445 IST	Dr. Marie Alexandrine Sicre Senior Scientist at CNRS (Centre National de la Recherche Scientifique), France	Paleoclimate constrains droughts in East Africa to improve forecasting
1445-1500 IST	Dr. Rashmi Sharma ISRO-Space Application Centre, India	Large to Fine scale oceanography: Role of satellite Observations
1500-1515 IST	Dr. Krishnan R. Director, ESSO-IITM, India	The Changing Indian Ocean and Monsoon Circulations: Opportunities and Challenges

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1515-1530 IST	Ms Sophia Laarissa Ocean Literacy Task Team Coordinator - ECOP Africa, Morocco	Navigating the Ocean Decade Challenge #5: Exploring the Legal, Social, and Early Career Professional Dimensions of the Ocean Climate Nexus for Enhanced Ocean Literacy. (WG5 Member)
1530-1600 IST	<i>High Tea</i>	
1600-1615 IST	Dr. Joseph Kamau, Kenya Marine and Fisheries Research Institute, Kenya	The North Kenya Banks Pelagic Fishery in the Context of Climate Change
1615-1645 IST	Speakers of the session along with, <ul style="list-style-type: none"> ● Dr. C. Gnanaseelan ● Prof. Vinayachandran, IISC ● Mr. Md Shamsuddoha, Chief Executive, Center for Participatory Research and Development, Bangladesh 	Panel Discussion
1645-1700 IST	Session Summary and Conclusion	

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Date: 2 Feb, 2024

Session: Forenoon (1000-1300h IST)

Challenge: 3 Sustainably feed the global population

Session Chair: Dr. Erik Olsen

Rapporteur: Dr. Sourav Maity, Research Scientist, Vidyasagar University

Session Coordinators: Mr. Nagaraja Kumar M, INCOIS, India

Venue: Atal Bhavan (ITCOO), First Floor, Hall-1 (Plenary Hall)

Time	Speaker	Title
1000-1030 IST	WG Co-Chair Dr. Erik Olsen, Head of Research, Institute of Marine Research, Norway	Vision 2030 White Paper - Challenge 3
1030-1045 IST	Dr. Sachinandan Dutta Sultan Qaboos University, Oman	Oman's Pioneering Role in Sustainably Feeding the Global Population through Responsible Fisheries Management
1045-1100 IST	Dr. Loveson Edward, Scientist Viakhapatnam Regional centre of ICAR- Central Marine Fisheries Research Institute (CMFRI)	Fish for the Future : A Roadmap for Sustainable Indian Marine Fisheries and Mariculture
1100-1115 IST	Mr. Dennis Otieno Research Associate, Kenya Marine and Fisheries Research Institute, Kenya	Sustainably Feed the Global Population – Ocean Decade #3 - Insights for Early Career Ocean Professionals
1115-1130 IST	Ms. Ashwini Sathnur, United Nations World Food Programme, India	Global Food Systems
1130-1200 IST	<i>High Tea</i>	
1200-1215 IST	Dr. S. Velvizhi, Head, Fish For All Research and Training Centre, M S Swaminathan Research Foundation	Feeding World Sustainably Need Global Thinking and Local Action - Our Experiences
	Panel Discussions	
1215-1245 IST	Speakers of the session along with, <ul style="list-style-type: none"> • Dr. S S C Sheno, MoES Chair Professor and Former Director, INCOIS • Dr. T. R. Gibinkumar, Deputy Director, Marine Products Export Development Authority, India. Dr. Naina Islam, Institute of Marine Sciences, University of Chittagong, Chittagong, Bangladesh. 	
1245-1300 IST	Session Summary and Conclusion	

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Date: 2 Feb, 2024

Session: Forenoon (1000-1300h IST)

Challenge: 4 Develop a sustainable and equitable ocean economy

Session Chair: Dr. Peter M. Haugan

Rapporteur: Dr. Sneha Jha, INCOIS

Session Coordinators: Dr. TM Balakrishnan Nair, INCOIS, India + International expert TBD

Venue: Atal Bhavan (ITCOO), First Floor, Hall-2 (e-Class Room).

Time	Speaker	Title
1000-1030 IST	WG Co-Chair Dr. Peter M. Haugan, Policy Director, Institute of Marine Research, Norway	Vision 2030 White Paper - Challenge 4
1030-1045 IST	Dr. Md Rezah Badal, Director General at Prime Minister's office, Continental Shelf , Maritime zones Adm & Exploration, Mauritius	A Mauritius Perspective for a Sustainable Ocean Economy
1045-1100 IST	Prof. S.K. Mohanty, Research and Information System for Developing Countries, India	Invited talk
1100-1115 IST	Dr. MV Ramanamurthy, Director, ESSO-NCCR, India	Facilitating Blue Economy through Spatial Planning and Ocean Accounting: Indian Perspective
1115-1130 IST	Dr G. Ramadass, Director, ESSO-NIOT, India	The Blue Economy: Leveraging Technologies for Harvesting Ocean Resources
1130-1200 IST	<i>High Tea</i>	
1200-1215 IST	Cmdr PK Srivastava, Ministry of Earth Sciences, India	India's Perspective Towards Sustainable and Equitable Ocean Economy

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1215-1245 IST	Speakers of the session along with, <ul style="list-style-type: none">● Dr. Shailesh Nayak, Director, NIAS, India● Prof., K.S. Kavi Kumar, Madras School of Economics, India● ONGC, India Rep.	Panel Discussion
1245-1300 IST	Session Summary and Conclusion	

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Date: 2 Feb, 2024

Session: Forenoon (1000-1300h IST)

IOCINDIO-led Special Session : Synergizing Regional Frameworks of the IOR

Session Chairs: Dr. T.Srinivasa Kumar (INCOIS)/Justin Ahanhanzo (IOC-UNESCO)

Session Coordinator: Dr. Nimit Kumar, DCC-IOR (INCOIS)

Rapporteur: Dr. Nurul Hazrina Binti Idris, UTM, Johor Bahru, Malaysia

Tentative Agenda:

Time	Speaker	Title
1000–1015 IST	Dr. Maryam Ghaemi, Vice-Chair IOCINDIO Iranian National Institute for Oceanography and Atmospheric Science, Iran.	Virtual Keynote (IOCINDIO)
1015–1030 IST	Dr. Atmanand MA Former Chair IOCINDIO & former Director NIOT	Invited talk: IOCINDIO Contributions to the UN Decade: The Road from Chennai '2020 to Barcelona '2024 via Hyderabad '2024
1030–1045 IST	Mr. E Pattabhi Rama Rao Indian National Centre for Ocean Information Services	Invited talk (ICG/IOTWMS)
1045–1100 IST	Dr. Marie Alexandrine Sicre Past President of the Scientific Committee on Oceanic Research (SCOR)	Invited talk (IIOE-2)
1100–1115 IST	Dr. Jenny Huggett Oceans and Coasts, Dept. of Forestry, Fisheries & Environment, South Africa	Invited talk (SIBER)
1115–1115 IST	Dr. K. J. Ramesh Regional Integrated Multi-Hazards Early Warning Systems, Secretariat based in Bangkok	Invited talk (RIMES)
1130–1200 IST	<i>High Tea</i>	
1200–1300 IST	Discussions	

IOCINDIO Partners and programmes: IIOE-2, IORA, RIMES (Regional Integrated Multi-hazards Early Warning Systems based in Bangkok); IOGOOS, IOTEWS

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Date: 2 Feb, 2024

Session: Afternoon (1400-1700h IST)

Challenge: 6 Increase community resilience to ocean hazards

Session Chair: Dr. Nadia Pinardi

Rapporteur: Ravichandra V, INCOIS

Session Coordinators: Ms Sunanda Manneela, INCOIS, India + International expert TBD

Venue: Atal Bhavan (ITCOO), First Floor, Hall-1 (Plenary Hall)

Time	Speaker	Title
1400-1420 IST	Dr. Nadia Pinardi, WG Co-Chair, Head, DCC-CR, Italy	Vision 2030 White Paper - Challenge 6
1420-1435 IST	Dr. Srinivasa Kumar T, INCOIS, India Chair, Scientific Committee for the UN Ocean Decade Tsunami Programme	UN Ocean Decade Tsunami Programme
1435-1450 IST	Mr. Basil Angaga Co-chair (Cities with Oceans), and Chief Sustainability Officer, County of Mombasa, Kenya	Communal Action to Strengthen Resilience Towards Ocean Hazards in Cities with the Ocean
1450-1505 IST	Dr. M. Mohapatra, Director General of Meteorology, India Meteorological Department, India	Marine weather hazards over North Indian Ocean
1505-1520 IST	Ms. Hellen J. Kizenga University of Dar-Es-Salam, Tanzania	Coping and responding to evolving ocean hazards in Tanzania
1520-1535 IST	Ms Suci Dewi Anugrah Chair WG 3 Tsunami Ready Implementation, ICG/IOTWMS, Indonesia Agency for Meteorology, Climatology and Geophysics (BMKG), Indonesia	Developing Coastal Community Resilience through Tsunami Ready Program
1535-1600 IST	<i>High Tea</i>	

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1600-1615 IST	Dr. Joaquín Tintoré, Co-chair, CoastPredict, (Balearic Islands Coastal Observing & Forecasting System /SOCIB), Spain	SOCIB a multiplatform, integrated observing system contributing to a digital representation of the Western Mediterranean sea: responding to society needs and contributing to coastal adaptation and resilience to ocean hazards
1615-1645 IST	Speakers of the session along with, <ul style="list-style-type: none"> ● Dr. Mairéad Anne O'Donovan, CMCC, Italy ● Dr. Rick Bailey, Head, ICG-IOTWMS Sec., Aus. ● Dr. VS Prasad, Head, NCMRWF, New Delhi 	Panel Discussion
1645-1700 IST	Session Summary and Conclusion	

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Date: 2 Feb, 2024

Session: Afternoon (1400-1700h IST)

Challenge: 7 Expand the Global Ocean Observing System

Session Chair: Dr. Nick D'Adamo, University of Western Australia, Australia

Session Coordinators: Dr. Aneesh Lotliker, INCOIS, India

Rapporteur: Dr. M S Girish Kumar, INCOIS, India

Venue: Atal Bhavan (ITCOO), First Floor, Hall-2 (e-Class Room).

Time	Speaker	Title
1400-1430 IST	Dr Joe O' Callaghan Director, Oceanly Science & WG Co-Chairs.	Virtual Keynote: Vision 2030 White Paper of the Challenge 7 – Expand the Global Ocean Observing System.
1430-1445 IST	Dr. Nick D'Adamo, University of Western Australia, Australia	Invited talk: Indian Ocean Observing System and related family of alliances - supporting Decade Challenge 7
1445-1500 IST	Dr Aneesh Lotliker Ocean Observations Network, INCOIS, Hyderabad, India	Invited talk: Sustained Ocean Observation Networks in the North Indian Ocean for services and climate studies
1500-1515 IST	Dr Jenny Huggett Oceans and Coasts, Dept. of Forestry, Fisheries & Environment, South Africa	Invited talk: Ocean observations off Southern Africa and priorities for the Indian Ocean
1515-1530 IST	Will Reis, Güralp Systems Limited, United Kingdom	Invited talk: Successful Deployment of a 21km SMART Cable with Force-Feedback Seismometers and Accelerometers in the Ionian Sea: Facts, Findings and the Future
1530-1600 IST	<i>High Tea</i>	
1600-1615 IST	Dr. Subrata Sarker, Shahjalal University of Science & Technology, Bangladesh	Invited talk: NANO-DOAP Global Project: An Alumni Network Global Monitoring Program

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1615-1645 IST	<p>Speakers of the session along with,</p> <ul style="list-style-type: none"> ● Dr Surya Chandra Rao, Indian Institute of Tropical Meteorology (IITM), Pune, India ● Dr. Eric Raes, Minderoo Foundation, Australia ● Mr. Dinesh, M/s Samhitha Marine, India ● Dr. Isa Olalekan Elegbede Researcher, Lagos State University, Nigeria ● Dr. B. Sheela Rani, Director (Research) & Head - TBI,, Sathyabhama Institute of Science & Technology 	Panel Discussion
1645-1700 IST	Session Summary and Conclusion	

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Date: 2 Feb, 2024

Session: Afternoon (1400-1700h IST)

Challenge: 8 Create a digital representation of the ocean

Session Chair: Dr. Enrique Alvarez F

Rapporteur: Dr. Siva Srinivas K, INCOIS

Session Coordinators: Dr. Venkat Shesu R, INCOIS, India

Venue: Atal Bhavan (ITCOO), Ground Floor, Hall-3 (Breakout Room).

Time	Speaker	Title
1400-1430 IST	WG Co-Chair Dr. Jan-Bart Calewaert, Lead Manager, Ocean Data Sharing DCO	Virtual Keynote: Vision 2030 White Paper - Challenge 8
1430-1445 IST	Dr. Swadhin Behera Head, Application Laboratory, Japan Agency for Marine-Earth Science and Technology, Japan	Invited talk: Unveiling Progress in Ocean Forecasting through the Evolution of Digital Twins and Integrated Observations
1445-1500 IST	Capt. Jamie McMichael-Phillips Nippon Foundation-GEBCO Seabed 2030 Project, UK	Invited talk: Seabed 2030 - Accelerating Ocean Mapping
1500-1515 IST	Mr. E. Pattabhi Rama Rao Group Director, ODICT, INCOIS	Invited talk: Ocean Data and Information Services
1515-1530 IST	Dr. Talia Sherrard, Service Line Manager - Geophysics, Fugro	Invited talk
1530-1600 IST	<i>High Tea</i>	
1600-1615 IST	Dr. Enrique Alvarez F DCC-OceanPredict	Invited talk: Integrating ocean forecasting services towards digital representation of the ocean
1615-1645 IST	Speakers of the session along with, <ul style="list-style-type: none"> Ms Aditi Modi, IIOE2 ECSN Vice-Chair, ESSO-IITM, India Mr. Busumprah Peter Teye, Officer, Ministry of Fisheries and Aquaculture Development, Ghana Invited ECOP (WG8 Member) 	Panel Discussion
1645-1700 IST	Session Summary and Conclusion	

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Date: 2 Feb, 2024

Session: Evening (1730-1830h IST)

Venue: E-Classroom, ITCOO Building

The Importance of Science Communication within the science-policy interface:

Perspectives of ECOPs

Session Chair: Dr. Eric Raes (Minderoo Foundation)

Session Coordinators: Debarati Sengupta (ECOP-Asia Ocean Literacy Team) and Aditi Modi (IIOE2-ECSN)

Rapporteur: TBD ECOP

Tentative Agenda:

Time	Speaker	Title
1730-1735 IST	Debarati Sengupta ECOP-Asia Ocean Literacy Team	Background
1735-1740 IST	Aditi Modi Co-chair, IIOE2-ECSN	Intro Presentation/remarks
1740-1745 IST	Peter Teye Busumprah & Dr. Isa Elegbede	ECOP: Insight from the African ocean professional network
1745-1750 IST	Dr. Eric Raes Minderoo Foundation	The importance and need for a social lens towards ocean conservation & behavioural changes
1750-1755 IST	Aditi Modi Co-chair, IIOE2-ECSN	Overview of IIOE 2 early career scientist network
1755-1815 IST	Panel discussion	
1815-1830 IST	Q&A with the audience	

IO-Con 2024 Session Coordination: Agenda

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Date: 3 Feb, 2024

Session: Forenoon (1000-1300h IST)

Challenge: 9 Skills, knowledge and technology for all

Session Chair: Dr. Justin Ahanhanzo

Rapporteur: Dr. B. Rohith, INCOIS

Session Coordinators: Dr. Udaya Bhaskar TVS, INCOIS, India + International expert TBD

Venue: Atal Bhavan (ITCOO), First Floor, Hall-1 (Plenary Hall).

Time	Speaker	Title
1000-1030 IST	Dr. Justin Ahanhanzo. Programme Specialist, IOC Secretariat, France	Vision 2030 White Paper of the Challenge
1030-1045 IST	Dr. TVS Udaya Bhaskar, Scientist G & Head, Ocean Data Management	Capacity development activities through ITCOOcean: C2C of UNESCO.
1045-1100 IST	Dr. Nurul H Idris, Universiti Teknologi Malaysia, Malaysia	Integrating the virtual and physical workshops to increase capacity in the use of remote sensing technology for ocean-climate resilience
1100-1115 IST	Ms Shashowti Chowdhury Riya, Shahjalal University of Science & Technology, Bangladesh	Coastal Ecosystem Monitoring Through Transferring of Knowledge and Technology to Citizen.
1115-1130 IST	Dr. Maneesha Sudheer, Amrita University, India	Empowering coastal communities through skill development, knowledge sharing , and advancing technology.
1130-1200 IST	<i>High Tea</i>	
1200-1215 IST	Prof. Aidy M Muslim, Institute of oceanography and Environment, Universiti Malaysia Terengganu Malaysia)	Capacity Development within the IODE framework
1215-1245 IST	Speakers of the session along with, <ul style="list-style-type: none"> ● Dr. Nimit Kumar (Lead, DECCaD-IO) ● Ms Debarati Sengupta, ECOP India node ● Dr. Balla Maggero, Head, R&D Department, Institute of Meteorological Training & Research, Kenya 	Panel Discussion
1245-1300 IST	Session Summary and Conclusion	

IO-Con 2024 Session Coordination: Agenda

(IST = UTC+0530)

Date: 3 Feb, 2024

Session: Forenoon (1000-1300h IST)

Challenge: 10 Change humanity's relationship with the ocean

Session Chair: Prof. Raghu Murtugudde

Rapporteur: Ms. Purna Singh, INCOIS

Session Coordinators and Rapporteur: Dr. Francis P, INCOIS, India + International expert TBD

Venue: Atal Bhavan (ITCOO), First Floor, Hall-2 (e-Class Room).

Time	Speaker	Title
1000-1030 IST	WG Co-Chairs or rep. (Dr. Diz Glithero / Dr. Nicola Bridge) / DCU rep.	Vision 2030 White Paper of the Challenge
1030-1045 IST	Dr. Achare Elvis Ayamba, Founder & Executive Director Environment and Food Foundation, Cameroon	OCEAN Education as strategy to face OCEAN-climate issues for Sustainable Development
1045-1100 IST	Prof. Raghu Murtugudde Emeritus Professor, University of Maryland, USA	Oceans and Humans - Lessons from Sustainable Economics
1100-1115 IST	Ms. Isabelle Thomas Social Innovator BhuME Woman, India	Molding young minds: Nurturing love for our Oceans'
1115-1130 IST	Dr. Thamban M, Director, ESSO-NCPOR, India	Warming of the Polar Regions – Impacts and Tropical Teleconnections
1130-1200 IST	<i>High Tea</i>	
1200-1215 IST	Dr. Sourav Paul Director, Estuarine and Coastal Studies Foundation, India	From plankton to cyclone research and institution building: businessing with estuaries
1215-1245 IST	Speakers of the session along with, <ul style="list-style-type: none"> ● Prof. K. V. Jayachandran, KUFOS. ● Dr. Velvizhi S, MS Swaminathan Research Foundation, India ● Mr. Senthilkumaran S., Reliance Foundation, India 	Panel Discussion
1245-1300 IST	Session Summary and Conclusion	

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(IST = UTC+0530)

Date: 3 Feb, 2024

Session: Forenoon (1000-1300h IST)

NDC Special Session : Harmonizing NDCs of the IOR and beyond

Session Chair: Dr Matt Frost, Head of International Office, Plymouth Marine Laboratory, UK

Session Coordinator and Rapporteur: Dr. Rao Pamaraju, Consultant, DCC-IOR and rep., India

NDC

Venue: Atal Bhavan (ITCOO), Ground Floor, Hall-3 (Breakout Room).

Tentative Agenda:

Time	Speaker	Title
1000-1030 IST	Dr Matt Frost FMBA Head of International Office, Plymouth Marine Laboratory, UK	Keynote
1030-1045 IST	Dr. Maryam Ghaemi Iranian National Institute for Oceanography and Atmospheric Science	Invited talk
1045-1100 IST	Dr. Rukia Abdallah Kitula IMS, University of Dar-Es-Salam, Tanzania	Invited talk
1100-1115 IST	Dr. Rao Pamaraju Consultant, DCC-IOR and rep., India NDC	Invited talk
1115-1130 IST	Mr. Busumprah Peter Teye, Officer, Ministry of Fisheries and Aquaculture Development, Ghana	Invited talk
1130-1200 IST	<i>High Tea</i>	
1200-1215 IST	Dr. Krishnan P, Director Bay of Bengal Program, India	Invited talk
1215-1245 IST	Speakers of the session along with, <ul style="list-style-type: none"> • Mr. Tsirilaza Benjamin, ITEC trainee, Madagascar / WIOMSA rep. • Mrs Nabeela Al Bulushi, ITEC trainee, Oman • Dr Munandar, ITEC trainee, Indonesia 	Panel Discussion with ECOPs from countries having established NDC
1245-1300 IST	Session Summary and Conclusion	

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(IST = UTC+0530)

Date: 3 Feb, 2024

Session: Afternoon (1400-1530h IST)

Conclusive and Valedictory

Session Co-Chairs:

- Dr. Vladimir Ryabinin, Executive Secretary of the Intergovernmental Oceanographic Commission (IOC) of UNESCO and Assistant Director-General of UNESCO
- Dr. M. Ravichandran, Secretary to the Government of India for Ministry of Earth Sciences
- Dr. Shailesh Nayak, Former Secretary to the Government of India for Ministry of Earth Sciences and Director, NIAS

Venue: Atal Bhavan(ITCOO), First Floor, Plenary Hall

Agenda:

1400 – 1405 Hrs	Dr. T. Srinivasa Kumar, Director, INCOIS will welcome Dr. Vladimir Ryabinin (online) and Dr. M. Ravichandran and Dr. Shailesh Nayak to the Dias. He will request them to be co-chairs of the conclusion and valedictory session. He will invite Presenters / Session Chairs to the Dias. He will request Dr. Ravichandran to coordinate the presentations on key takeaways to Barcelona and feedback on the white papers
1405 – 1415 Hrs	Summary of Session 1 on Challenges 1, 2 & 5 – Dr. K. Ramakrishna, WHOI, USA (also on behalf of Dr. Shubha & Aileen TAN)
1415 – 1425 Hrs	Summary of Session 2 on Challenges 3 & 4 – Dr. Peter M. Haugan, IMR, Norway (also on behalf of Erik Olsen)
1425 – 1435 Hrs	Summary of Session 3 on Challenges 6, 7 & 8 – Dr. Nadia Pinardi, Head, DCC-CR, Italy (also on behalf of Nick D’Adamo & Enrique Alvarez)
1435 – 1445 Hrs	Summary of Session 4 on Challenges 9 & 10 – Dr. Justin Ahanhanzo, IOC or Dr. Raghu Murtugudde
1445 – 1455 Hrs	Summary of Indian Ocean Regional Special Session – Dr. T. Srinivasa Kumar,

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	INCOIS, India
1455 – 1505 Hrs	Summary of NDCs Special Session – Dr. Justin Ahanhanzo, IOC
1505 – 1510 Hrs	Summary of ECOPs Session – Eric Raes
1510 – 1520 Hrs	Key takeaways to Barcelona by Dr. Vladimir Ryabinin, Executive Secretary, IOC of UNESCO
1520 – 1525 Hrs	Concluding Remarks by Dr. Shailesh Nayak
1525 – 1530 Hrs	Vote of Thanks

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(IST = UTC+0530)

INCOIS Foundation Day (Silver Jubilee) Celebrations

03 February 2024

1600 Hrs Onwards

Atal Bhavan(ITCOO), First Floor, Plenary Hall

Time (IST)	Program Agenda
16:00 – 16:05	Welcoming Dignitaries on to the Dias
16:05 – 16:10	Invocation and Lighting of the Lamp
16:10 – 16:15	Welcome by Dr. T. Srinivasa Kumar, Director, INCOIS
16:15 – 16:25	Opening Address by Dr. M. Ravichandran, Secretary, MoES
16:25 – 16:40	Launch of New Facilities / Products <ul style="list-style-type: none"> • Release of books (Hindi & English) on “INCOIS 25 Year Journey” • Release of My Stamp • Inauguration of New Satellite Data Acquisition and Processing Facility
16:40 – 17:10	Foundation Day Lecture by Chief Guest Dr. Vijay Kumar Saraswat, Member, NITI Aayog
17:10 – 18:10	Reflections on INCOIS Journey and Future Vision by Former Secretaries, Directors and Invited Experts <ul style="list-style-type: none"> • Dr. Vijay Kumar Saraswat, Member, NITI Aayog • Prof. B. L Deekshatulu, Former Director, NRSA • Dr. M .Ravichandran, Secretary, MoES • Dr. A.E. Muthunayagam, Former Secretary, DOD • Dr. Harsh K Gupta, Former Secretary, DOD • Dr. P.S. Goel, Former Secretary, MoES • Dr. Shailesh Nayak, Former Secretary, MoES • Dr. S.S.C. Shenoi, Former Director, INCOIS
18:10 – 18:20	Prize Distributions to Winners of MoES Inter-Institutional Sports Meet
18:20 – 18:25	Felicitation of Dignitaries
18:25 – 18:30	Vote of Thanks
18:30 – 19:00	Comfort Break / Lab Visits
19:00 – 20:00	Cultural Programme
20:00 onwards	Dinner