



Ocean
Academy



Technology, Education, Research and Rehabilitation for the Environment
Leading platform for development through Alternate Path

Ocean & Environmental
Governance



Ocean Literacy

Know Your Planet Beyond the Land

06th Batch

16th December to 30th December 2024

03:00 pm to 05:00 pm (IST)

Day 1, 16th December 2024

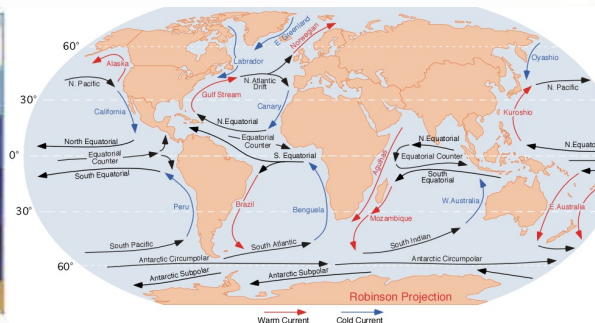
Welcome and Introduction to the Program and Course Concept – 30 mins.

This session will include a brief introduction to the International Ocean Institute, its vision and mission and why such a course is being offered.

Part 1: One Ocean - a place of wonder, beauty, and danger, and of critical importance to life on Earth.

The Ocean in Simple Terms – Mr. Sunil Murlidhar Shastri (100min)

Status of knowledge of the marine environment; Ocean layers, currents, temperatures and the delicate ecosystems and habitats supporting the world's fisheries (eg mangroves, sea grass beds, coral reefs etc); climate (heat transfer etc) etc





Day 2, 17th December 2024

**Part 1: One Ocean - a place of wonder, beauty, and danger, and
of critical importance to life on Earth.**

Ocean Biodiversity of India **- Mrs. Rashmi Rajhans (100min)**

The marine ecosystem is home to the richest and most diverse faunal and floral communities



Day 3, 18th December 2024

Part 1: One Ocean - a place of wonder, beauty, and danger, and of critical importance to life on earth.

Goods and Services Provided by the Ocean - Mr. Sunil Murlidhar Shastri (100min)

living and non-living resources; maritime highway of global trade, ports, and harbours; climate modulation and carbon sink; new discoveries in the Ocean depths; the 'value' of Ocean goods and services – Blue Capital/Blue Economy, etc



Day 4, 19th December 2024

Part 1: One Ocean - a place of wonder, beauty, and danger, and of critical importance to life on earth.

Threats to the National Security arising from Sea **- Dr. K.K. Agnihotri (100min)**

Conventional and non-traditional dangers, Potential causes of national insecurity, organised criminal groups, effects of natural disasters



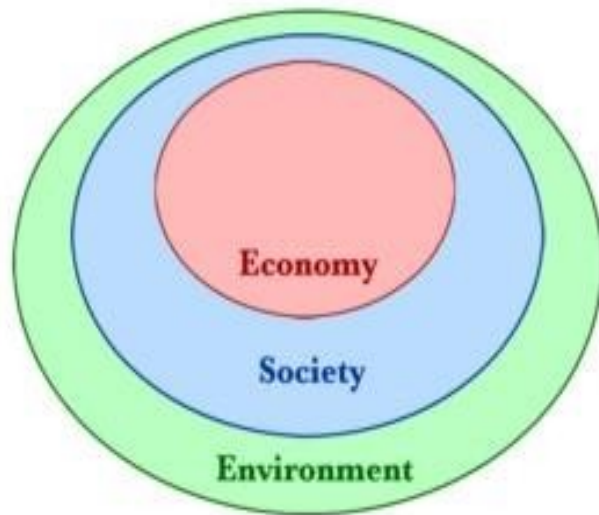
Day 5, 20th December 2024

Part 2: Governing Our Ocean – a delicate balancing act: meeting our needs sustainably, and for the benefit of all, today and in the future.

Concepts of Sustainability

- Dr. Ram Boojh (100min)

Economy vs Environment vs Society; economic models; the Sustainable Development Goals (SDGs), etc



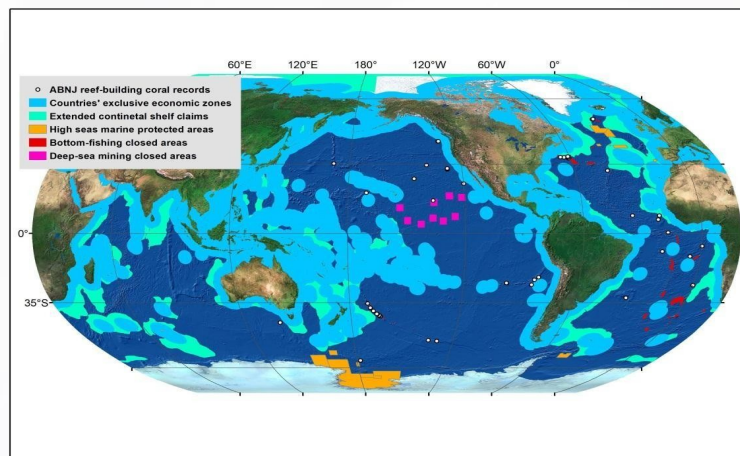
Day 6, 23rd December 2024

Part 2: Governing Our Ocean – a delicate balancing act: meeting our needs sustainably, and for the benefit of all, today and in the future.

Governing Global Commons and Law of the Sea.

- Mr. Sunil Murlidhar Shastri (100min)

Concept of national maritime zones and areas beyond national jurisdiction, Rights and duties within areas of national jurisdiction, the common heritage of humankind.



Day 7, 24th December 2024

Part 2: Governing Our Ocean – a delicate balancing act: meeting our needs sustainably, and for the benefit of all, today and in the future.

Strategic Importance of Ocean - Dr. Ram Boojh (100min)

What is happening in the Indian Ocean, Why is it strategically important



Day 8, 26th December 2024

Part 3: Local or Audience-Relevant Topic/s

Living with the Ocean - Dr Ram Boojh (100min)

Coastal protection, its importance, management, etc.



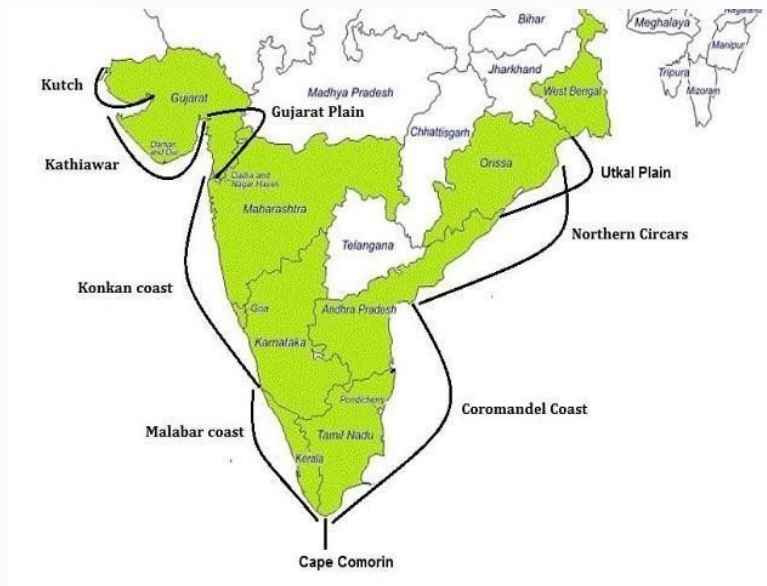
Day 9, 27th December 2024

Part 3: Local or Audience-Relevant Topic/s

Conservation Issues in the Coastal Habitats

–Mr. Sabyasachi Chakraborty (100min)

Coastal habitats are the most endangered ecosystems in the biosphere.



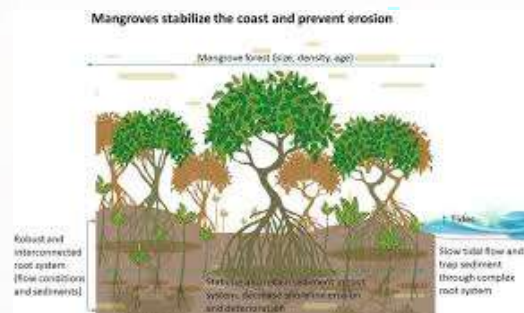
Day 10, 30th December 2024

Part 3: Local or Audience-Relevant Topic/s

Mangrove Ecosystem: Insurance in Climate Change

- **Mr. Sabyasachi Chakraborty (60min)**

Sea-level rise, coastal erosion, extreme weather events, etc



Part 4: What next on this matter? Conclusion and the Way Forward

Bringing the argument full circle with moderated discussions and engagement on the topic during the class. Paths forward in empowering the audience in terms of application of knowledge received. Etc.,

Knowledge Assessment Test