Ocean Literacy

Know Your Planet Beyond the Land

04th Batch
25th October to 07th November 2023
03:00 pm to 05:00 pm (IST)
Day 1, 25th October 2023

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, 26th October 2023
Part 1: One Ocean - a place of wonder, beauty, and danger, and of critical importance to life on Earth.

Concepts of Sustainability
- Dr. Ram Boojh (100min)

Economy vs Environment vs Society; economic models; the Sustainable Development Goals (SDGs), etc.
Day 3, 27ᵗʰ October 2023
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, 30th October 2023
Part 2: Governing Our Ocean – a delicate balancing act: meeting our needs sustainably, and for the benefit of all, today and in the future.

Ocean Governance and Law of the Sea.
- Mr. Sunil Murlidhar Shastri (100min)

Concept of national maritime zones and areas beyond national jurisdiction.
Day 5, 31st October 2023

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
- Mr. Sunil Murlidhar Shastri (100min)

Rights and duties within areas of national jurisdiction; the common heritage of humankind.
Day 6, 01st November 2023
Part 2: Governing Our Ocean – a delicate balancing act: meeting our needs sustainably, and for the benefit of all, today and in the future.

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 7, 02\textsuperscript{nd} November 2023
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
Conservation Issues in the Coastal Habitats – Dr. Reshma Pitale (100min)

Coastal habitats are the most endangered ecosystems in the biosphere.
Day 9, 06\textsuperscript{th} November 2023
Part 3: Local or Audience-Relevant Topic/s

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

Sea-level rise, coastal erosion, extreme weather events, etc.
Improving Coastal Protection
- Dr. Ram Boojh (60min)

Coastal protection, its importance, management, etc.

Part 3: Local or Audience-Relevant Topic/s

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