

World Ocean Day

“Ocean, Climate Change and Disaster Management”

Date & Time: 08th June, 2:00-5:30 pm

On the occasion of “World Ocean Day”, Amity Institute of Oceanography & Atmospheric Sciences and Amity Institute of Environmental, Toxicology, Safety and Management, Amity University has celebrated **“Oceans, Climate Change, and Disaster Management”, under the aegis of “Global Warming and Climate Change Cluster”, Amity University on June 8, 2022** along with “Natural Resources Environmental Sciences” domain in association with "National Institute of Disaster Management" (NIDM). Owing to the role of the oceans in our everyday life and inspiring actions to protect and sustainable use of marine resources. The theme of this year’s World Ocean Day is **“Revitalization: Collective Action for the Ocean”**.

Oceans drive global systems that make the Earth habitable for all forms of life. Ocean pollution and climate change are both components of planetary health. The world has witnessed tsunamis, severe droughts, floods, seasonal cyclones and many more water related calamities. The loss of lives, damage to natural environment, poverty, famine, societal imbalance, and other resultant tragedies cannot be discounted. Some of the main natural disasters associated to oceans includes Cyclones and Tsunamis and coastal threats like storms, swelling tides, currents constantly affect coastal processes, where erosion, landslides and flooding can be easily triggered.

India has witnessed some of the recent disasters that have lead to severe impacts. Management of ocean related natural disaster risks is a challenging task and particularly urgent in small-island nations and developing countries with high population densities, which are most affected due to the lack of resources and assets to handle the calamity. Sustainable management for tackling natural ocean disasters is therefore an area of collective interest.

Hence, there was an urgent need to address the knowledge gap by establishing monitoring schemes in the disaster-prone areas. Webinar was important in providing an understanding of future trends in natural ocean disaster, sustainable risk reduction and management. Furthermore, this program aimed at identifying data gaps, developing comprehensive databases, improving ocean disaster management with the help of experts.

Webinar besides learning to students and faculty also provided platform for interaction of various stake holders to bring new collaborations and intellectual outcomes to achieve our goal of sustainable development

Many eminent dignitaries shared their views; **Prof. Tanu Jindal, Group Addl. Pro VC (R&D) and Director, AIETSM, ACARS, AIOAS, AIWTM, Amity University, AUUP** discussed about the theme, ocean disasters and cyclones at national and international level, **Dr. Ajit Kumar Nagpal, Chairman Amity PACIFIC Forum, Chairman Board of Governors, Ritnand Balved Medical Foundation, Chairman & Director General, Amity University Middle East Initiative-** gave his views on partnership with corporate and social sectors of the industry for education, research and innovation through the medium of the national federation of commerce and industry, **Dr. W. Selvamurthy, President - Amity Science, Technology & Innovation Foundation (ASTIF)** - gave his views on how we are a part of the environment and appreciated the efforts of Amity University in caring for the environment, **Dr. Anil Kumar Gupta, Head, ECDRM, NIDM** shared views on Disaster can affect the economy and infrastructure, **Dr. Satheesh C. Shenoi, Former Director, Indian National Centre for Ocean Information Services (INCOIS)** gave presentation on Oceans, Climate Change and its impacts on Society, **Dr. Anoop Mahajan, Scientist F, Indian Institute of Tropical Meteorology (IITM)** delivered informative thought on Science in the high seas: Ship Based Observations In the remote Oceans, **Dr. P.V. Baskar, Scientist E, National Centre for Polar and Ocean Research (NCPOR)** gave views on Global warming and marine biology: changes and future perspectives, **Dr. Samir R. Damare, Principal Scientist, National Institute of Oceanography (NIO)** shared presentation on Application of Bioinformatics in climate change studies, **Dr. G.A Ramadass, Director, National Institute of Ocean Technology (NIOT)** delivered informative session on Ocean: the last frontier World Ocean Day.

Screenshots

