

Topic 4: Ocean Climate Engineering and Deep-Sea Impacts



DATE AND TIME 24 JANUARY 2024

PST 0800 EST 1100 BST 1600
CET 1700 IST 2130 AEST 0300 (+1)

PROGRAM

Introduction

Admiral ret Robin Dhowan
SAMDeS India

Visions of High Sea protection,
and their opportunities

Keynote

Professor Lisa Levin PhD,
University of California, San
Diego and the Deep Ocean
Stewardship Initiative

Deep-sea impacts of climate
interventions

Context keynote

Professor Peter Droege,
LISD, Liechtenstein

Climate engineering by an intact
biosphere

Commentary

Comodore ret Sujeet Samaddar
SAMDeS India

Summary, outlook and lead into
Q&A and discussion

ABOUT THE GMA / GMAA

The Global Maritime Accord (GMA) is the first integrated and coordinated approach towards the harmonized administration and governance of the oceans, especially the Areas Beyond National Jurisdiction. The GMA Academy (GMAA) is the learning, teaching, research and exchange platform for drafting the GMA.

GMA and GMAA are focused on the health of oceans in a globally shared effort. They aim to strengthen and support the implementation of the Intergovernmental Conference on legally binding instruments under the United Nations Convention on the Law of the Sea on the safeguarding of marine biological diversity in areas beyond national jurisdiction.

Members of the Accord development effort include oceanographers, lawyers, environmentalists, diplomats and security experts from Australia, Canada, Chile, Denmark, Germany, India, Netherlands, New Zealand, Kenya, Sri Lanka, United Kingdom and United States.

COOPERATING ORGANIZATIONS

Liechtenstein Institute for Strategic Development AG
LISD Liechtenstein

Society for Aerospace, Maritime and Defense Studies
SAMDeS India

International Military Council on Climate and Security,
Netherlands

The Trebuchet—Breaking Down Barriers / Building Bridges, USA

REGISTRATION

To register and receive further information please email
Global Maritime Accord – Academy: GMA@eurisd.org
Please state your Full Name, Affiliation, Preferred Email and Phone No.
Your Webinar Link will be issued on 20 January 2024





Professor Lisa Levin is a Distinguished Professor Emerita at the Scripps Institution of Oceanography, University of California, San Diego, and served as the Director for the Center for Marine Biodiversity and Conservation from 2011-2017. Levin's research interests include biodiversity of deep-sea continental margin ecosystems and the effects of climate change and direct human disturbance in the deep sea. Levin's deep-sea research has been conducted on the margins of the Pacific, Indian and Atlantic Oceans using ships, submersibles and remotely operated vehicles (ROVs) to sample and conduct experiments. She has participated in over 50 oceanographic expeditions around the world and served as Chief Scientist on many of these. Dr. Levin is co-founder and co-lead of the Deep-Ocean Stewardship Initiative, which seeks to integrate science, technology, policy, law and economics to advise on ecosystem-based management of resource use in the deep ocean and strategies to maintain the integrity of deep-ocean ecosystems within and beyond national jurisdictions.



Admiral RK Dhowan (Retd), formerly the 22nd Chief of Naval Staff of the Indian Navy, had a distinguished career of 42 years. Since he served as 5th Chairman of the National Maritime Foundation, India's premier maritime think tank. The Foundation benefitted from his vast experience in the Navy, and formulation of wide range of maritime publications including; Indian Navy in the 21st Century: Maritime Security for National Prosperity (2014); Ensuring Secure Seas: Indian Maritime Security Strategy (2015); India's Maritime Heritage (2016), United Through Oceans: International Fleet Review 2016. In 2020 the Admiral launched a multidisciplinary think-tank The Society for Aerospace, Maritime and Defence Studies (SAMDeS) as the Founding Chairman. Here the Admiral's mission is to draft the Global Maritime Accord with the vision to Save Oceans for a Safe World.



Professor Peter Droege is a leading international urban sustainability expert on advanced urban policy, management, transport policy and strategy, urban design, city and regional planning and renewable infrastructure development. His academic career stretches from the School of Architecture and Planning at the Massachusetts Institute of Technology and his position at the University of Tokyo as Urban Development Engineering Endowed Chair to his position as Lend Lease Chair and Professor of Urban Design at the University of Sydney, and Conjoint Professorship at the University of Newcastle's School of Architecture and Built Environment. At the University of Liechtenstein he developed a highly influential Chair for Sustainable Spatial Development which he held over a period of eight years. Prof. Droege was the first elected president of EUROSOLAR e.V., the European Association for Renewable Energy.



Commodore Sujeet Samaddar is the Co-founder of the Society for Aerospace, Maritime and Defence Studies SAMDeS: Adviser MRAI: Member, FICCI Aero & Def Committee: Distinguished Fellow, CAPS: Member, Governing Council, SIOS: Member Ae.S.I: Former VP-TATA NOVA, CEO ShinMaywa India, Admira Distributed Hybrid Energy Systems. Besides setting up a major industrial complex in India through focused JVs, strategic partnering with Indian and foreign companies and experts operating in the specific areas of aerospace, defence and material recycling industries, his professional interest is to bring in smart technologies to India for sustainable development particularly on recycling and promoting the circular economy. Specialties: Mechanical Engineering. Defense Acquisition and Offsets. Material Recycling, Circular Economy and the Blue Economy for sustainable development and inclusive growth.