



GALLE DIALOGUE 2023

International Maritime Conference

Emerging New Order in the Indian Ocean

12th & 13th October 2023
Jetwing Lighthouse Hotel, Galle
Sri Lanka



SRI LANKA NAVY
IN COLLABORATION WITH THE MINISTRY OF DEFENCE
& GEOPOLITICAL CARTOGRAPHER

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Deputy Chief of Staff & Director General Operations, Sri Lanka Navy



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இலங்கை சனாதிபதி
President of Sri Lanka

Message

It is indeed a pleasure to extend warm felicitations to the participants and organizers of the annual Galle Dialogue: International Maritime Conference, hosted by the Ministry of Defence and the Sri Lanka Navy, and with the affiliation of the 'Geopolitical Cartographer' foundation. This year marks the 11th edition of the Galle Dialogue.

"Emerging new order in the Indian Ocean," being the theme of the Conference, is of salient significance given the evolving dynamics in the region. It is a region which has attracted rivalries among nations, both regionally and extra-regionally, as the sea lanes and choke points facilitate the movement of major volumes of trade and gas. The inability to share ocean resources has breached national jurisdiction, exacerbating the climate of possible dissension.

As a nation strategically located in the Indian Ocean, Sri Lanka could play a pivotal role in defining this new order. Considering the extensive related challenges, which need to be addressed nationally, regionally and globally, Sri Lanka's commitment to maritime security and order in the Indian Ocean region, has culminated in providing this common platform of the Galle Dialogue, for formulating solutions towards this end.

The association in this event of the 'Geo-political Cartographer as an international research foundation' specializing in the Indian Ocean, which aligns with the commitment to understanding the region's geopolitical dynamics, is an added impetus to the deliberations of this Conference. At a time of alliances shifting theatres, giving way to altering the global political order, accurate geopolitical insights from such think tanks are essential.

I take this opportunity, to record my deep appreciation for the enduring commitment of the Sri Lanka Navy over the years, in bridging and bringing together stakeholders of the maritime fraternity under 'Galle Dialogue'; Sri Lanka's maritime flagship event, which has undoubtedly transformed into a beacon for cooperation and collaboration in the Indian Ocean Region and beyond.

I encourage all participants to engage in constructive dialogue, in securing a harmonious Indian Ocean order, characterized by mutual respect, prosperity and peace. I am confident of a meaningful collaboration at this Dialog, for the benefit of the entire Indian Ocean region and globally. May the enlightening outcome of Galle Dialogue 2023, contribute to developing the emerging Indian Ocean order.

Ramil Wickremesinghe
President,
Democratic Socialist Republic of Sri Lanka
05th October 2023

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இலங்கைச் சனநாயக சோசலிசக் குடியரசு
Democratic Socialist Republic of Sri Lanka





Message from Secretary Defence

**General Kamal Gunaratne (Retd) WWV RWP RSP USP ndc psc MPhil
Secretary Defence**



It is my distinct pleasure to pen a message on this important landmark of the 11th Edition of the Galle Dialogue International Maritime Conference. This conference, which began its journey in 2010, has now become a significant milestone in the realm of international maritime affairs. This year's conference holds even greater significance as it coincides with the celebration of Sri Lanka's 75th year of independence, uniting the world's foremost maritime professionals for a shared purpose.

The theme for this year's conference, 'Emerging New Order in the Indian Ocean', underscores our commitment to exploring collaborative strategies that contributes to both regional and global efforts at harnessing the vast potential of our oceans. Oceans are the lifeblood of our planet, playing a pivotal role in sustaining life on Earth. They provide us with vital resources such as food, materials, minerals, and energy. Oceans regulate our climate and support elemental cycles that impact the entire globe. Regardless of whether we reside on a coastal or landlocked nation, we are all interconnected with this vast oceanic expanse and its resources for our survival.

In light of these facts, the competitive nature of the maritime domain and the imperative of security must be addressed through the identification of effective security policies, environmental regulations, legal frameworks, and the facilitation of maritime trade among other considerations.

I am confident that the 11th edition of Galle Dialogue Maritime Conference will serve as an invaluable platform for the exchange of ideas among numerous scholars and intellects. Together, we can develop strategies to harness the benefits of our maritime domain for the betterment of all. This collective effort will undoubtedly contribute to the global objective of making our oceans safer through enhanced cooperation and coordination.

I would like to extend my best wishes to all the participants of the Galle Dialogue International Maritime Conference. May your experience here be filled with stimulating discussions, fruitful collaborations, and lasting insights.



Message from Commander of the Navy

Vice Admiral UVMP Perera , RSP**, USP, ndu, psc, MMaritimePol,
MSc(DS)Mgt, MSc (MS & NSSS), BA(DS) Hons, PWO
The Commander of the Sri Lanka Navy

I am delighted to extend my warmest greetings to all of you on the auspicious occasion of the 11th edition of the “Galle Dialogue International Maritime Conference 23”. This conference, hosted jointly by the Ministry of Defence and the Sri Lanka Navy, along with think-tank assistance of Geopolitical Cartographer will certainly bring forth constructive dialogues on critical maritime issues.

This year, we gather under the timely banner of “Emerging New Order in the Indian Ocean” a theme that holds profound significance as it aligns with the celebration of Sri Lanka’s 75th anniversary of independence, following a three-year hiatus since 2019. The Indian Ocean region, marked by diverse interests and complexities, requires thoughtful collaboration and foresight to address its challenges effectively. Our discussions will span a broad spectrum of topics, ranging from strategic concerns and vital sea lanes to the pressing issues of climate change and maritime security.

With the participation of 43 countries, including the presentation of 15 papers across five sessions, this conference continues to earn international acclaim. The inclusion of a plenary session for the first time is a testament to the growing prominence of this conference. I extend my heartfelt appreciation to our esteemed maritime scholars and intellectuals for their invaluable guidance and support.

I must also express my sincere gratitude to the Ministry of Defence, the Ministry of Foreign Affairs and our collaboration with Geopolitical Cartographer for their unwavering contributions in ensuring the resounding success of this conference. To all our foreign and local participants, I extend my warmest thanks for being part of this endeavor.

The organizing committee deserves special commendation for their tireless dedication to ensuring the seamless and efficient execution of this event. Their unwavering commitment is evident and has undoubtedly played a pivotal role in the conference’s achievements.

In closing, I am confident that the exchange of ideas, perspectives, and insights during this dialogue will make a lasting impact, furthering our collective aspiration for safer seas for all. Let us seize this opportunity to cultivate new partnerships, deepen our understanding, and chart a course toward a more secure and prosperous Indian Ocean region.

I eagerly anticipate fruitful discussions and enduring connections throughout the 11th edition of the Galle Dialogue. Together, we can make meaningful contributions to shaping a brighter and more stable maritime future.

CONCEPT NOTE

Oceans are a vital component of our planets' eco system, and play a key role in supporting life on earth, providing numerous benefits to the humankind. The ocean provides natural resources, including food, materials, substances, minerals and energy. It regulates the climate and contributes to global and regional elemental cycling.

Despite the arrangements among States to follow the international rules based order, and Multilateral Maritime Cooperation frameworks, growing threats in the maritime domain have been witnessed in recent years, which include number of maritime crime such as piracy, smuggling of various natures, IUU fishing, and human trafficking/irregular migration via the sea. All of said human led activities should be considered global threats that imperil the seas, littorals and non-littoral alike.

Additionally, the increased dependence on the oceans has caused the overexploitation of marine resources, marine pollution, increased maritime security incidents and accidents, depletion of marine biodiversity, and threats to the marine environment. The ocean has become the hotbed for strategic competition to maintain the supremacy of powerful nation's leading to rivalries and conflicts among nations.

The Indian Ocean is home to number of littorals, each with its own strategic maritime interests. This is also the conduit for world energy, container and bulk transport. The region has seen rivalries and conflicts among nations, which have forced them to reshape their maritime strategies. The sea lanes and choke points in the region are of immense strategic importance, as they carry huge volumes of trade. These sea lanes and choke points are exposed to piracy, international disputes, political dissents, maritime accidents, and transnational and maritime crime.

Climate change, extreme weather events and sea level rising are also expected to have substantial effects on maritime human security, particularly for coastal and archipelagic states. The increased impact of climate change could alter existing maritime security dynamics, with increased transnational crimes caused by climate displacement, poverty, pollution, ocean warming, and acidification. These impacts could overwhelm the existing maritime security capabilities, stretch state resources and increase the need for further ocean management and regulating.

Moreover, the harnessing of shared ocean resources, especially the areas beyond national jurisdiction, has become a source of conflict. The Ocean Governance

framework as set out in the United Nations Convention on the Law of the Sea and in the recent Oceans Treaty needs robust implementation by Nation States.

Due to the complexity, vastness and far-reaching consequences of these issues, no state can address them singularly. Thus, these multifaceted and complicated issues must be addressed as an intertwined set of challenges of global, regional, and national importance. This requires a collaborative multi-lateral and multi-stake holder approach with concerted efforts by all stakeholders.

In this context, this year's edition of the Galle Dialogue provides a common platform for all stakeholders of the maritime domain to discuss and deliberate maritime-related issues with the purpose of providing inputs for formulating viable solutions under the theme of 'Emerging new order in the Indian Ocean'. The conference also focuses on several key areas under the main theme including Indian Ocean Governance Framework, Transnational Organized Crime, Maritime Security Concerns, Maritime Multi Domain Awareness, Maritime Synergy to foster Blue Economy, Marine Environment Protection for Collaborative Maritime Prosperity, and Collaborative enforcement for sustainable Ocean Governance.

PLENARY SESSION - EMERGING NEW ORDER IN THE INDIAN OCEAN

Dr. Ganeshan Wignaraja

Member of Board of Directors, Geopolitical Cartographer



Dr. Ganeshan Wignaraja is the Presidential Advisor on Strategic Trade Policy and a Board Member of the Geopolitical Cartographer. He is also the Professorial Fellow in Economics and Trade at Gateway House in Mumbai, Senior Research Associate at the UK's Overseas Development Institute and holds a visiting appointment at the National University of Singapore.

In a career spanning the last thirty years in the UK and Asia, Ganeshan has held senior roles in international organizations (Director of Research at the ADB Institute in Tokyo, Advisor to the ADB Chief Economist in Manila, Chief Programme Officer at the Commonwealth Secretariat in London and Visiting Scholar at the IMF in Washington DC), government (Executive Director of the Sri Lankan Foreign Ministry's think tank, a member of the Sri Lankan Prime Minister's Task Force on the Indian Ocean and a member of the Central Bank of Sri Lanka's Monetary Policy Consultative Committee) and the private sector (Global Head of Trade and Competitiveness at Maxwell Stamp PLC in London).

He has a DPhil in economics from Oxford University and has published extensively on macroeconomics, international trade and economic development.



PLENARY SESSION - EMERGING NEW ORDER IN THE INDIAN OCEAN

H.E. Salman Al Farisi
Secretary General, IORA

H.E. Salman Al Farisi has been appointed as Secretary General of the Indian Ocean Rim Secretariat in Mauritius on 5 January 2022 for a term of 3 years. Prior to his appointment, H.E. served as the Ambassador Extraordinary and Plenipotentiary of the Republic of Indonesia to the Republic of South Africa, Kingdom of Eswatini, Republic of Botswana and Kingdom of Lesotho from 2018 to 2022. A remarkable career as diplomat and joined the Ministry of Foreign Affairs of the Republic of Indonesia in 1990. He holds a Doctoral in Policy Studies from the University of Gadjah Mada, Indonesia and a Master Degree in International Relations from Tufts University, USA.

H.E. Al Farisi handle Economic diplomacy, bilateral cooperation on fisheries, science and technology, Defense cooperation agreement, joint trade commission. Coordinate humanitarian assistance with NGOs, promote multilateral cooperation on political, security, economic and social development, Human rights, global trade, governance, climate change and other environment issues and manage Technical cooperation among developing countries (TCDC) for Asia-Pacific region.

H.E. Al Farisi served different posts at the Ministry of Foreign Affairs of the Republic of Indonesia from 1990 to 2018:-

- 2017 to 2018 - Senior Advisor for Institutional Relations.
- April 2015 to September 2017 - Acting Director General for Multilateral Affairs,
- June 2015 to July 2016 - Acting Head of Policy Analysis and Development Agency
- 2012 to 2014 - Ambassador Extraordinary and Plenipotentiary to the United Arab Emirates
- 2008-2012 - Chief of Mission (DCM), Embassy in Washington D.C.
- 2005 – 2008 Director for Economic and Environmental Development, Ministry of Foreign Affairs
- 2003 – 2005 - Deputy Director for ECOSOC
- 1999 – 2003 First Secretary/Councillor, Permanent Mission to the United Nations in New York
- 1996-1999 Head of Section for Asia Pacific, Sub Directorate for Double Taxation Avoidance
- 1992-1995 Third Secretary/Second Secretary, Embassy in Bangkok, Thailand.
- 1990-1992 - Acting Head of Section for Asia Pacific, Sub Directorate for Technical Cooperation,

His published Book “Indonesia – South Africa: A South South Partnership in the Making” in commemorating 25 years Indonesia – South Africa Diplomatic Relation (2019). He is married and father of two children.

PLENARY SESSION - EMERGING NEW ORDER IN THE INDIAN OCEAN

Prof. Geoffrey Till

Emeritus Professor of Maritime Studies, King's College, London



Previously Dean of Academic Studies at the UK Command and Staff College and Head of the Defence Studies Department of King's College London, Geoffrey Till is now the Emeritus Professor of Maritime Studies of King's College London and Chairman of the Corbett Centre for Maritime Policy Studies. Since 2009, he has been Visiting Professor in the Maritime Security Programme at the Rajaratnam School of International Studies, Nanyang Technological University, Singapore.

Before that he taught at the Britannia Royal Naval College, Dartmouth, the Royal Naval College Greenwich, the City University London and in the War Studies Department of King's College London. Additionally he has been Visiting Scholar at the US Naval Postgraduate School Monterey California. He held the Foundation Chair at the US Marine Corps University, Quantico, Virginia and was Visiting Professor at the Armed Forces University, Taiwan. In 2007 he was a Senior Research Fellow at the Rajaratnam School of International Studies, Singapore, and in 2008 the inaugural Sir Howard Kippenberger Visiting Chair in Strategic Studies at the Victoria University of Wellington, New Zealand. In 2012 he was a Visiting Research Fellow at the National Institute for the Study of the South China Sea, Hainan, China. He is a fellow of King's College London and of the Seapower Centre in Canberra, Australia. In 2014 he was elected as a Corresponding Fellow of the Royal Swedish Society for Naval Sciences.

A former Honorary Captain in the Royal Naval Reserve, he has taught at well over 40 national staff colleges (including those of Kuwait and Oman) and at a large number of other such defence establishments and academic institutions around the world.

Geoffrey Till's main interests are in maritime security and naval development. At the moment he is leading a project that looks at the way countries today 'grow' their maritime power and at the problems and challenges they face in seeking to do so.

He has contributed to a number of maritime research projects for the UK Royal Navy, the US Department of Defence and the US Navy Department and for the Navy of the Republic of Singapore.

PANELIST



PLENARY SESSION - EMERGING NEW ORDER IN THE INDIAN OCEAN

Prof. Dai Yonghong

Dean of International Studies, Institute of South Asia Studies, Shenzhen University, China

Before joining Institute of South Asian Studies, Sichuan University, Prof. Dai has a good record of research and publication on international and regional cooperation, including legal affairs and management of overseas companies. He worked as trade representative for International Cooperation company, journalist & editor of international affairs for presses, manager of R&D and training in securities companies, vice president of investment company, legal advisor of law firms, business development analyst and project coordinator in energy MNC in Canada. He also visited and studied in University of British Columbia and University of Calgary in 2005 and 2008 respectively. Dr. Dai stayed at ISDP (Institute for Security & Development Policy, Stockholm, Sweden) as senior visiting fellow in 2014, focusing on Geopolitics Strategy, Energy Strategy and Major Powers Game in Myanmar. And he also taught a course of Belt and Road Initiative and China's Neighborhood Diplomacy in 2016 at University of Yangon, Myanmar.

Prof. Dai worked on international contracting & international trade in South Asia over 1986 to 1997 in charge of bidding and management of loan programs granted by World Bank and Asian Development Bank. Later, Prof. Dai has broadened his research to encompass international relations, world politics, regional security and crisis management, especially China-South Asia/Southeast Asia relations, Geopolitics in South Asia/Southeast Asia, and China-India-Myanmar Trilateral Relations.

Currently, Dr. Dai is a distinguished professor at Institute of China's Overseas Interests Shenzhen University, Director of Institute of Bay of Bengal Studies and Institute of Global Governance and Area Studies, Shenzhen University, focusing on research on International Relations, Global Governance and Energy Cooperation. He is the author of several books and dozens of research papers and also the leader and coordinator of several national, provincial and municipal projects.

PLENARY SESSION - EMERGING NEW ORDER IN THE INDIAN OCEAN

Ms. Aruni Yasodha Wijewardane

Secretary to the Ministry of Foreign Affairs, Sri Lanka



Ms. Aruni Wijewardane assumed duties as Secretary to the Ministry of Foreign Affairs on 22 May 2022. Ms. Wijewardane is a career diplomat and joined the Sri Lanka Foreign Service in 1988. During her career of over 35 years, she has held many positions in the Ministry of Foreign Affairs Colombo, including Additional Secretary United Nations and Multilateral Affairs Division (also previously Director, and Director General UN and MA Division), Director General West Division, Director South Asia and SAARC Division and Director Economic Affairs Division of the Ministry of Foreign Affairs.

Overseas she has served in the Sri Lanka Mission to the UN in Geneva (Second Secretary), Sri Lanka High Commission in Malaysia (Deputy High Commissioner), Sri Lanka Embassy in Philippines (Deputy Chief of Mission). She was appointed Sri Lanka's Ambassador to Austria and Permanent Representative to the UN Organizations in Vienna, with several concurrent accreditations 2005-2008.

On secondment from the Ministry of Foreign Affairs 2013-2020, as an international civil servant, Aruni Wijewardane served as the Director of the Secretariat of Policy-Making Organs, and Secretary to the Board of Governors of the International Atomic Energy Agency (IAEA) Vienna.

In the academic field (2011- 2013) related to nonproliferation and disarmament, Foreign Secretary Wijewardane served as Director International Organizations and Nonproliferation Programme, Centre for Nonproliferation Studies (CNS), Middlebury Institute for International Studies (MIIS), USA.

Aruni Wijewardane has an MPhil degree from the University of Cambridge, UK (British Chevening scholar), a Master's degree from the University of Colombo, and a BA degree (English Literature) from the University of Western Australia. She is fluent in Sinhalese (mother tongue) English and French. She is married with two children.

PANELIST



PLENARY SESSION - EMERGING NEW ORDER IN THE INDIAN OCEAN

Dr. Ram Madhav

President, India Foundation

Ram Madhav is an Indian politician, social leader, author and thinker. Dr Madhav is the President of India Foundation (IF), a New Delhi-based Think tank. In over a decade of India Foundation's existence, Dr Madhav has been the curator of major annual global and national multilateral initiatives like the Indian Ocean Conference, the Dharma-Dhamma Conference, ASEAN-India Youth Summit and Counter Terrorism Conference involving heads of nations and leaders of governments besides academics, scholars and public spirited individuals. Most recently, Dr Madhav has been instrumental in ideating the Religion-20 Forum (R20) as part of India's presidency of the G20.

Previously, Dr Madhav has served as the National General Secretary of the Bharatiya Janata Party (BJP) during 2014-20 responsible for handling the political affairs of Jammu & Kashmir, Assam and other North-Eastern states of India.

A renowned author and thinker, Dr. Madhav has over 300 publications to his credit. He has authored several books in English and Telugu that include "The Hindutva Paradigm – Integral Humanism and the Quest for a Non-Western Worldview" ; "Because India Comes First: Reflections on Nationalism, Identity and Culture" and "Uneasy Neighbours: India and China after 50 years of the war". His most recent book "Partitioned Freedom" explores the untold history of India's partition in 1947 and the birth of Pakistan. He is a regular contributor to platforms like The Indian Express, The Hindustan Times and OPEN Magazine amongst others. He had been the editor of Bharatiya Pragna, a monthly magazine in English published by Pragna Bharati, and associate editor of Jagriti, a Telugu weekly.

Widely regarded for his contributions in the field of strategic thinking, political philosophy and India's foreign policy, Dr Madhav has travelled widely and addressed forums like the Valdai Discussion Club in Russia, R20 Forum in Indonesia, Shangri-La Dialogue in Singapore, Halifax Security Forum in Canada, Sochi Eurasian Integration Forum in Russia, BRICS Political Forum in China, and the World Peace Conference in Thailand.

SESSION ONE - MARITIME SECURITY CONCERNS

Dr. Rohan Perera

Member of Board of Directors, Geopolitical Cartographer



Dr. Rohan Perera served as the Legal Adviser of the Ministry of Foreign Affairs of Sri Lanka over a period spanning 30 years. In 2015, he was appointed as the Permanent Representative of Sri Lanka to the United Nations and continued to hold this position until 2019. In 2017 he was elected a Vice President of the UN General Assembly.

Dr. Perera was also elected as a Member of the International Law Commission in 2007 and served on the Commission until 2011. He was elected the Chair of the UN Working Group on International Terrorism in 2000 and continues to hold this position.

Dr. Perera served as a Visiting Lecturer in Public International Law at the Faculty of Law, University of Colombo and at several other Academic Institutions. Dr. Perera is a President's Counsel.



SESSION ONE - MARITIME SECURITY CONCERNS

VAdm Tarun Sobti, AVSM, VSM
Deputy Chief of Naval Staff, Indian Navy

Vice Admiral Tarun Sobti, AVSM, VSM is a serving Flag officer in the Indian Navy. He currently serves as the Deputy Chief of the Naval Staff (DCNS). He last served as the Director General Project Seabird. He earlier served as the Flag Officer Commanding Eastern Fleet and as the Deputy Commandant and Chief Instructor at the Indian Naval Academy from Mar 2019 to Jan 2021.

Vice Admiral Tarun Sobti was commissioned into the Indian Navy on 01 Jul 1988. He is a specialist in Navigation and Direction. In his career spanning over 35 years, he has held a variety of command and staff appointments, both ashore and afloat. He has served as the navigating officer of the Khukri-class corvette INS Kirpan (P44) and was part of the commissioning crew of the Delhi-class Guided missile destroyer INS Mysore (D60) as its navigating officer. He later served as the direction officer of the aircraft carrier INS Viraat (R22) and the executive officer of the guided missile destroyer INS Delhi (D61). VAdm Tarun Sobti has commanded the Veer- class missile vessel INS Nishank (K43), and the lead ship of the Kora-class corvette INS Kora (P61). In Aug 2014, the lead ship of the indigenously-built Kolkata-class guided missile destroyers INS Kolkata (D63) was commissioned by the Prime Minister Narendra Modi in Mumbai. VAdm Tarun Sobti was the commissioning Commanding Officer of the ship.

VAdm Tarun Sobti, in his staff appointments, has served as the Joint Director of Staff Requirements and Joint Director of Personnel at Naval headquarters. He also served as the Captain Work-Up at Local Work-Up Team (East). As a Commodore, he served as the Naval attaché at the Embassy of India in Moscow. On 23 Feb 2021, he assumed the office of the Flag Officer Commanding Eastern Fleet. Under his command, the Eastern Fleet executed Operation Samudra Setu II and Operation Sagar. These operations were aimed at the transfer of medical oxygen and provided humanitarian assistance to friendly foreign countries respectively. On elevation to the rank of Vice Admiral in 2021, he took over as director general of 'Project Seabird' under which India is developing the Karwar Naval Base. On 1 Oct 2023, VAdm Tarun Sobti was appointed as Deputy Chief of the Naval Staff (DCNS).

The flag officer was awarded the Vishisht Seva Medal in 2020 and the Ati Vishisht Seva Medal in 2022.

SESSION ONE - MARITIME SECURITY CONCERNS

RAdm Li Pengcheng

Deputy Chief of Staff of the Chinese PLA Navy



Rear Admiral Li Pengcheng was born in Laiyang, Shandong Province in October 1963. He joined the Navy in September, 1979.

RADM Li graduated from Naval Second Artillery Academy with a bachelor degree, he then received a master degree in PLA Naval Command College (NCC). He has successively served as Chief of Torpedo & Missile of DDG, XO and CO of DDG, Chief of Navigation Support Division of North Sea Fleet (NSF) HQs, Deputy Commander of Flotilla, Chief of Navigation Support Dept and Chief of Operation Dept of NHQs, Deputy Chief of Staff of NSF, Dean of Naval Research Institute (NVRI), Chief of Staff of Eastern Theater Command Navy. He has been deployed in Gulf of Aden (GoA) as Commander-in-Chief of PLA Navy Escort Task Group (ETG) twice. He assumed his current position as Deputy Chief of Staff of the Navy in March 2019.

RADM Li has completed a variety of programs in NCC, National University of Defense Technology (NUDT) and National Defense University (NDU). He is married and has a daughter.



SESSION ONE - MARITIME SECURITY CONCERNS

RAdm Eric Ruttenberg

Reserve Director Maritime Operations, U.S. Pacific Fleet, USA

Rear Adm. Eric Ruttenberg is a native of Redondo Beach, California. He is a graduate of the U.S. Naval Academy, where he earned a Bachelor of Science in Mathematics and was commissioned in 1988. He holds a Master of Science in Astronautical Engineering from the Naval Postgraduate School in Monterey, California. He was designated a Naval Aviator in 1990 and an information warfare officer (Space Cadre) in 2011.

His initial sea duty assignment was to Helicopter Combat Support Squadron Eleven (HC 11), where he flew the UH/HH-46 and deployed aboard USS Flint (AE 32) during Desert Storm and aboard USS Kansas City (AOR 5) in support of Operations Southern Watch and Restore Hope. Later he served at Fleet Composite Squadron Six (VC 6) in Patuxent River, Maryland as the safety department head, flying the Pioneer Unmanned Airborne Vehicle on surveillance and reconnaissance missions.

Ashore, Ruttenberg served as deputy director, Integrated Overhead SIGINT Architecture, Phase II Program Officer, Technology Division at the National Reconnaissance Officer in Chantilly, Virginia. In a subsequent tour, he served as executive officer of Navy Reserve (NR) Space and Naval Warfare Systems Command (SPAWAR) 0366 in Chantilly, Virginia. He then served as the Space and Network Warfare Program (SNWP) Manpower and Operations director, coordinating the integration of Space, C4ISR, and Network Operations Units with the Naval Security Reserve Group. Additionally, he served as U.S. Special Operations Command deputy J6X, supporting the acquisition of a multi-mission communication architecture supporting both special operations and intelligence organizations.

His command tours include NR SPAWAR 0366 and NR SPAWAR 0866, supporting the SPAWAR Space Field Activity in Chantilly, Virginia; NR SPAWAR 0466, supporting the Program Executive Officer for Space and the Navy Communications Satellite Program Officer in San Diego, California; Commander, Naval Information Forces Reserve, Region Washington District of Columbia; and commander NR SPAWAR HQ and served concurrently as the director of the SPAWAR Reserve Program in San Diego, California.

Previous ago officer assignments include chief engineer, Naval Information Warfare Systems Command and the deputy Program Executive Officer (PEO) Enterprise Information Systems. Ruttenberg assumed the responsibilities as the Reserve director for Maritime Operations, United States Pacific Fleet in September 2022. In this capacity, he supports the Director and Commander in the functional areas of intelligence, operations, theater security cooperation, deliberate and functional planning, communications, training and Reserve affairs.

Ruttenberg was the recipient of the 2003 Space and Network Warfare Program Junior Officer of the Year Award. Personal awards include the Legion of Merit, Defense Meritorious Service Medal, Meritorious Service Medal, and various service, expeditionary, unit and campaign awards



MODERATOR



SESSION TWO – MARITIME SYNERGY TO FOSTER BLUE ECONOMY

Dr. Ram Madhav

President of India Foundation

Ram Madhav is an Indian politician, social leader, author and thinker. Dr Madhav is the President of India Foundation (IF), a New Delhi-based Think tank. In over a decade of India Foundation's existence, Dr Madhav has been the curator of major annual global and national multilateral initiatives like the Indian Ocean Conference, the Dharma-Dhamma Conference, ASEAN-India Youth Summit and Counter Terrorism Conference involving heads of nations and leaders of governments besides academics, scholars and public spirited individuals. Most recently, Dr Madhav has been instrumental in ideating the Religion-20 Forum (R20) as part of India's presidency of the G20.

Previously, Dr Madhav has served as the National General Secretary of the Bharatiya Janata Party (BJP) during 2014-20 responsible for handling the political affairs of Jammu & Kashmir, Assam and other North-Eastern states of India.

A renowned author and thinker, Dr Madhav has over 300 publications to his credit. He has authored several books in English and Telugu that include "The Hindutva Paradigm – Integral Humanism and the Quest for a Non-Western Worldview" ; "Because India Comes First: Reflections on Nationalism, Identity and Culture" and "Uneasy Neighbours: India and China after 50 years of the war". His most recent book "Partitioned Freedom" explores the untold history of India's partition in 1947 and the birth of Pakistan. He is a regular contributor to platforms like The Indian Express, The Hindustan Times and OPEN Magazine amongst others. He had been the editor of Bharatiya Pragna, a monthly magazine in English published by Pragna Bharati, and associate editor of Jagriti, a Telugu weekly.

Widely regarded for his contributions in the field of strategic thinking, political philosophy and India's foreign policy, Dr Madhav has travelled widely and addressed forums like the Valdai Discussion Club in Russia, R20 Forum in Indonesia, Shangri-La Dialogue in Singapore, Halifax Security Forum in Canada, Sochi Eurasian Integration Forum in Russia, BRICS Political Forum in China, and the World Peace Conference in Thailand.

SESSION TWO – MARITIME SYNERGY TO FOSTER BLUE ECONOMY

RAdm Takenaka Nobuyuki

Director General, Operations & Plans Department, Maritime Staff Office, Japan



1. NAME: Nobuyuki Takenaka
2. RANK: Rear Admiral (1 AUG 2017)
3. DATE OF BIRTH: 9 DEC 1969
4. PRESENT ASSIGNMENT: Director General, Operations and Plans Department, MSO
5. EDUCATION:
- | | | |
|-----|------|-------------------------------|
| MAR | 1992 | RYUKOKU University |
| MAR | 1993 | MSDF Officer Candidate School |
6. SERVICE CAREER:
- | | | |
|-----|------|---|
| MAR | 2005 | Plans and Policy Division, MSO |
| DEC | 2007 | Navigation Officer and XO, JS YAESHIO |
| JUL | 2007 | Staff, Commander Fleet Submarine Force |
| DEC | 2007 | CO, JS NARUSHIO |
| DEC | 2009 | Assignment Division, MSO |
| AUG | 2012 | Chief of Annual Programming Section, MSO |
| JUL | 2014 | CO, Submarine Division 5 |
| AUG | 2015 | Staff, Plans and Policy Division, MSO |
| JUL | 2016 | Director of Plans and Programs Division, MSO |
| AUG | 2017 | Chief of Staff, Commandant Maizuru District |
| AUG | 2018 | Inspector General, MSO |
| AUG | 2019 | Chief of Staff, Commander Fleet Submarine Force |
| MA | 2022 | Present Assignment |

SESSION TWO – MARITIME SYNERGY TO FOSTER BLUE ECONOMY



VAdm Raja Rab Nawaz HI (M)

Commander Coast, Pakistan

Vice Admiral Raja Rab Nawaz on Thursday assumed command as Commander Coast (COMCOAST) during the change of command ceremony held here. Vice Admiral Javaid Iqbal handed over command to the newly appointed Commander Coast. By assuming command, Vice Admiral Raja Rab Nawaz was now Commander of all Coastal units of Pakistan Navy, a Pakistan Navy news release said.

Vice Admiral Raja Rab Nawaz got commissioned in the Operations Branch of the Pakistan Navy in 1991. The admiral has an illustrious career with vast experience of various Command and Staff appointments. His major Command and Staff appointments included Commanding Officer PNS ZULFIQUAR, Fleet Operations Officer to Commander Pakistan Fleet at Karachi, Director of Operational Research, Director Naval Operational Plans, Assistant Chief of Naval Staff (Plans), Chief Staff Officer to Commander Pakistan Fleet, Deputy Chief of Naval Staff (Welfare & Housing) and Commander West. Vice Admiral Raja Rab Nawaz has also served as Defence & Naval Advisor of Pakistan in United Kingdom.

SESSION TWO – MARITIME SYNERGY TO FOSTER BLUE ECONOMY

Cmdr Simon P Kelly

Deputy Commander UK Strike Force, Royal Navy



Born in Newcastle-upon-Tyne, Simon joined the Royal Navy in 1998 as a Warfare Officer.

As a junior officer he qualified as a Bridge Watch-keeping Officer, Mine Warfare and Clearance Diving Officer, and Principal Warfare Officer. He saw service on operations across the world in destroyers, frigates and on exchange with the French Navy.

Staff appointments include Chief of Staff to the First Mine Counter Measures Squadron. This included two deployments to the Gulf, where he was awarded a Chief of Joint Operations Commendation; an assignment to UK Strategic Command, where he established a team to provide Operational Assurance for the Joint Expeditionary Force Head Quarters and more recently the Fleet Operations Officer responsible for the delivery of Royal Navy global operations.

He has had the privilege of being selected four times for command. He has been the Commanding Officer of five different Hunt and Sandown Class Mine Hunting Vessels, twice deploying on Op KIPION in the Gulf. He subsequently commanded HMS WESTMINSTER, a Type 23 Anti-submarine Warfare Frigate, undertaking duties as the UK Fleet Ready Escort and Towed Array Patrol Ship, with significant periods on operations in the North Atlantic and the Arctic.

His final sea command was as Captain of HMS ALBION, the RN's High Readiness Amphibious Assault Ship. During this assignment he deployed twice as Commander Littoral Response Group (North), leading the RN Amphibious Task Group on operations in the Arctic, Baltic and Mediterranean.

In May 2022 he was promoted to Commodore and appointed as Deputy Commander UK Strike Force.

Simon is a graduate of the Advanced Command and Staff Course (MA Defence Studies, Kings College London), Higher Command and Staff Course and a Younger Brother of Trinity House. He is married to Samantha, an officer in the Royal Air Force and enjoys a range of outdoor sports, but most of all he just enjoys walking his dog on the South Downs.

MODERATOR



SESSION THREE – MARITIME ENVIRONMENT PROTECTION FOR COLLABORATIVE MARITIME PROSPERITY

Prof. Geoffrey Till

Emeritus Professor of Maritime Studies, King's College, London

Previously Dean of Academic Studies at the UK Command and Staff College and Head of the Defence Studies Department of King's College London, Geoffrey Till is now the Emeritus Professor of Maritime Studies of King's College London and Chairman of the Corbett Centre for Maritime Policy Studies. Since 2009, he has been Visiting Professor in the Maritime Security Programme at the Rajaratnam School of International Studies, Nanyang Technological University, Singapore.

Before that he taught at the Britannia Royal Naval College, Dartmouth, the Royal Naval College Greenwich, the City University London and in the War Studies Department of King's College London. Additionally he has been Visiting Scholar at the US Naval Postgraduate School Monterey California. He held the Foundation Chair at the US Marine Corps University, Quantico, Virginia and was Visiting Professor at the Armed Forces University, Taiwan. In 2007 he was a Senior Research Fellow at the Rajaratnam School of International Studies, Singapore, and in 2008 the inaugural Sir Howard Kippenberger Visiting Chair in Strategic Studies at the Victoria University of Wellington, New Zealand. In 2012 he was a Visiting Research Fellow at the National Institute for the Study of the South China Sea, Hainan, China. He is a fellow of King's College London and of the Seapower Centre in Canberra, Australia. In 2014 he was elected as a Corresponding Fellow of the Royal Swedish Society for Naval Sciences.

A former Honorary Captain in the Royal Naval Reserve, he has taught at well over 40 national staff colleges (including those of Kuwait and Oman) and at a large number of other such defence establishments and academic institutions around the world.

Geoffrey Till's main interests are in maritime security and naval development. At the moment he is leading a project that looks at the way countries today 'grow' their maritime power and at the problems and challenges they face in seeking to do so.

In addition to being series editor of Cass Naval Policy and History series (the world's biggest such list), he has written several hundred journal articles and book chapters on various aspects of maritime strategy and policy defence, and has produced 29 books. His most recent are: The Development of British Naval Thinking published by Routledge in 2006, a volume edited with Emrys Chew and Joshua Ho, Globalization

and the Defence in Asia (Routledge, 2008), Korean Maritime Strategy: Issues and Challenges (Seoul: KIMS, 2011) (with Captain Yoon Sukjoon) and Sea Power and the Asia-Pacific: The Triumph of Neptune(Routledge, 2012) (with Patrick S Bratton), Asia's Naval Expansion: An Arms Race in the Making? (London: Routledge for IISS Adelphi Books, 2012),Seapower: A Guide for the 21st Century, 3rd Edition (London: Routledge, 2013),Naval Modernisation in Southeast Asia; Causes, Nature, Consequences, (Contributing Editor with Jane Chan) (London: Routledge, 2013), The Real 'Long War': The Illicit Drugs Trade and the Role of the Military, (Carlisle, PA: SSI Letorte Papers, 2013). Another book on maritime developments in the Asia-Pacific Region, is currently with Macmillan, Palgrave. His books have been translated into 14 languages.

He has contributed to a number of maritime research projects for the UK Royal Navy, the US Department of Defence and the US Navy Department and for the Navy of the Republic of Singapore.



SESSION THREE – MARITIME ENVIRONMENT PROTECTION FOR COLLABORATIVE MARITIME PROSPERITY

RAdm RAPP Rathnayake RWP, RSP*, USP, ndu, psc, MMaritimePol, MSc (MS & NSSS)

Deputy Chief of Staff & Director General Operations, Sri Lanka Navy

Rear Admiral Pradeep Rathnayake is presently holding the senior most operational commanding appointment of Director General of Operations whilst holding the position of Deputy Chief of Staff. He hails from Matale and is a proud product of the St. Thomas' College, Matale. He joined the Sri Lanka Navy as an Officer Cadet in the enlistment of the 17th Intake in 1987 and followed his basic training at the prestigious Naval and Maritime Academy, Trincomalee. On successful completion of training, he was graduated and commissioned as a Sub Lieutenant on 04th December 1989. And further trained on specialized Naval Subjects at Naval and Maritime Academy, Trincomalee in the capacity of Sub lieutenant. 36 years of very good conduct and remarkable performances in various capacities have brought him up to the present rank of Rear Admiral.

Rear Admiral Rathnayake specialized in the field of Marine Navigation from the Indian Navy. He has followed his Staff Course at the prestigious US Naval War College and subsequently he was conferred a Master's Degree in Maritime Policy from the University of Wollongong, Australia. He followed the most superior course of National Defence Course (NDC) in Military Science and Security Studies at the National Defence University of China and was conferred a MSc on 24th July 2019 In addition, he followed the Regional Maritime Security Course at the Naval War College Goa, India in 2016.

The comprehensive knowledge accumulated by him through said higher studies on various international platforms has returned to the Navy in sharing and advising the command in order to develop all human resources within the Navy and to enhance the productive and effective utilization of Ships and crafts.

He has been a front line executive Officer who served in all the Squadrons in the SLN; He held sea commands of Inshore Patrol Craft and Fast Attack Craft on six tenures. Further, He has also commanded Fast Gun Boats and Offshore Patrol Vessels of the Sri Lanka Navy on four tenures. In addition, he has commanded five shore based Establishments in highly operational areas and held prominent appointments of Commodore Sea Training, The first Principal Merchant Mariner of the Sri Lanka Navy, and Director Naval Policy and Plans in addition to the various staff appointments at the Navy Headquarters in the capacities of Lieutenant, Lieutenant Commander, and Commander.

The Commander Southeastern Naval Area, Commander North Central Naval Area have been some of the superior appointments he held prior to become the Director General Operations and the Deputy Chief of Staff of the Sri Lanka Navy.

He is a professionally competent and respected Instructor with good delivery and convincing ability. The senior officer has represented the Navy at various seminars and conferences, and read papers at the same. Further he has delivered series of lectures on the theme of Strategy and Policy analysis at NDC.

Rear Admiral has been rendering an unparalleled and distinguished service to the SLN during his 36 years of exemplary career. In recognition of his noble service rendered to the motherland, Rear Admiral Rathnayake has been awarded Rana Wikrama Padakkama and Rana Sura Padakkama twice for his gallantry, Uttama Seva Padakkama (USP) for exemplary conduct and draped with a bunch of service medals. Commanders of the Navy have issued him with three 'Letters of Commendation' for exceptional execution of duties and responsibilities and for his achievements during the illustrious career.

Rear Admiral Pradeep Rathnayake is married to Mrs. Anusha Rathnayake and they are blessed with two sons Anupa and Senupa.



SESSION THREE – MARITIME ENVIRONMENT PROTECTION FOR COLLABORATIVE MARITIME PROSPERITY

RAdm Md. Khurshed Alam , Mphil, ndc, psc (Retd)

Secretary, Head of Maritime Affairs Unit, Ministry of Foreign Affairs, Bangladesh

Date of birth : July 07, 1953
Languages : Bangla, English
Address : Maritime Affairs Unit, Ministry of Foreign Affairs, Dhaka
Phone number : Tel-8802 9565684 (O) 8802 8812160, 8802 9889646 (R)
880 1714 035530 (Cell)
Fax number : 8802 9557042
Email : khurshed.alam@mofa.gov.bd, cdrealam@gmail.com

CURRENT POSITION

Present Rank : Secretary
Current Appointment : Head of the Maritime Affairs Unit, Ministry of Foreign Affairs, Dhaka; President, 26th session of the Council of the International Seabed Authority (ISA); Vice-Chair, Indian Ocean Rim Association (IORA)

EDUCATION

- Graduated from the Indian Naval Academy, Cochin, India securing 1st Class and was commissioned as a naval officer on 1st June 1973.
- Graduated as specialist after successfully completing International Telecommunication Course from the Italian Navy securing first class in 1979.
- Received Masters Degree in International Maritime Strategy / Law of the Sea from the Royal Naval College, Greenwich, London, UK securing Commendation Letter for Meritorious Works in 1983.
- Received M.Phil Degree in Maritime Strategy and Security from the Madras University, India securing 1st Class in 2000.
- Successfully completed the Oceanography Course from the National Oceanography Centre, Southampton, UK.
- Successfully completed the Continental Self Technical Course in GRID, Arendal, Norway and BGR, Germany

PREVIOUS PROFESSIONAL EXPERIENCE

- Worked as Rear Admiral, Commanding the Bangladesh Navy Fleet from 1973 to 2008.
- Participated in the UNCLOS 1982 signing ceremony on 10th December 1982 on

behalf of the government of Bangladesh in Montego Bay, Jamaica and presented papers on the United Nations Convention on the Law of the Sea, 1982 in various international seminars.

- Worked as the Defence Adviser in the Bangladesh High Commission in Malaysia from 1991 to 1994.
- Worked as Director in the Janata Bank Limited from 1997 to 1998 and in the Chittagong Stock Exchange from 1999 to 2000.
- Appointed as the Chairman of the Mongla Port Authority from 2002 to 2004.
- Performed the duties of Syndicate Member in the Khulna University of Engineering and Technology from 2003 to 2004.
- Worked as the Head of the Bangladesh Continental Shelf Technical Team, for the defence of the Bangladesh's outer continental shelf submission to the United Nation Commission on the Limits of the Continental Shelf (UN CLCS). Submitted the Bangladesh submission to the UN CLCS on 25th Feb 2011 and made presentation on technical and scientific aspects on 24th August 2011.
- Performed the duties of the Deputy Agent in the Dispute concerning delimitation of the maritime boundary between Bangladesh and Myanmar in the Bay of Bengal, case no. 16 with the International Tribunal for the Law of the Sea (ITLOS) from 2009-2012 and in the Arbitration under Annex VII to the United Nations Convention on the Law of the Sea between Bangladesh and India in the Permanent court of Arbitration in The Hague in 2009-2014.
- Participating in Drafting and finalizing regulations for polymetallic nodules, Cobalt rich crusts and Ferro manganese sulphide in the International Seabed Authority from 2008-2014.
- Acted as the elected President of the Assembly of the International Seabed Authority from 2016-2017.
- Participated as the head of delegation of Bangladesh in the negotiation of new convention called Biodiversity Beyond National Jurisdiction (BBNJ) since 2016.
- Working as Director in the Board of Directors of Biman Bangladesh Airlines since 2017.
- Teaching Law of the Sea as Adjunct faculty member in the Southeast and Stamford University, Dhaka since 2004 and 2014 respectively.
- Prepare strategy work plan for Blue Economy opportunities of Bangladesh in 2019.
- Teaching Oceanography in the Department of Oceanography of the University of Dhaka
- And Eastern University since 2016 and 2020 respectively.
- Currently as the Secretary, Maritime Affairs Unit of the Ministry of Foreign Affairs, Bangladesh, leading the Bangladesh team in carrying out a Desktop Study to identify the presence of gas hydrates in the Bay of Bengal in collaboration with the Government of UK.
- As the Secretary, leading the Bangladesh team presently in carrying out a Scoping Study for an Effective and Efficient Use of selected high potential Marine Genetic

Resources from the Bay of Bengal, in collaboration with the Netherland Government.

- Updated the Territorial Waters and Maritime Zones Act of 1974 (amended as 2020).
- Initiated development work plans for Blue economy in Bangladesh until 2030.

PUBLICATIONS

- Book named-“Bangladesh’s Maritime Challenges in the 21st Century”- published in 2004.
- Opportunities and challenges of Blue economy in Bangladesh, 2014
- Blue Biotechnology in Bangladesh.
- Book named “The Boundless Sea, Maritime Developments and their impact on Bangladesh” published in 2021.

ACHIEVEMENTS AND AWARDS

- Indian President’s Gold Medal from Indian Naval Academy, Cochin in 1974.
- “Bangabandhu Award for Diplomatic Excellence” in the field of diplomacy from the Ministry of Foreign Affairs, Bangladesh in 2020.

Ms. Sarah Lou Y. ARRIOLA

Regional Director for Asia & the Pacific, IOM



Prior to joining IOM, Sarah was the Undersecretary (Vice-Minister) for Migrant Workers' Affairs of the Department of Foreign Affairs of the Republic of the Philippines. She managed the protection of the rights and promotion of the welfare of over 10 million overseas Filipinos through 94 diplomatic posts. Her work included the repatriation of hundreds of thousands of distressed nationals who were caught in wars, civil or political unrests, natural disasters, victims of abuse or maltreatment, and those who were stranded due to economic hardships and most recently, due to the pandemic. Sarah was also the Philippines' Chief Negotiator for the Global Compact for Safe, Orderly and Regular Migration (GCM) and executed the Philippine kafala reform and fair and ethical recruitment campaigns in the Middle East.

She has a Juris Doctor degree from the School of Law of the Ateneo de Manila University, Philippines and an LLM in International Human Rights Law from the University of Essex, United Kingdom. In 2019, she was awarded the Gawad Mabini Grand Cross (Dakilang Kamanong), a presidential award conferred on Filipinos who have rendered distinguished foreign service, or helped promote the interests and prestige of the Philippines abroad.



SESSION THREE – MARITIME ENVIRONMENT PROTECTION FOR COLLABORATIVE MARITIME PROSPERITY

Adm Piyal De Silva, WWV & Bar, RWP, RSP, VSV, USP, ndu (Retd)
Former Commander of the Sri Lanka Navy & the former Ambassador of Sri Lanka to Afghanistan

Admiral Piyal De Silva was the 23rd Navy Commander of the Sri Lanka Navy and the former ambassador of Sri Lanka to Afghanistan. He has held many key appointments in the navy during his 37 years of Naval career. He is an experienced counter terrorism, counter narcotic, counter smuggling and disaster management practitioner.

Admiral De Silva graduated with a Master of Business Administration in Human Resource Management and Master of Science in Military Science and National Security Strategic Study. Further, he has attended the National Defence Course. He has received specialized training on Deep Sea Salvage Diving and Explosive Ordnance Disposal Diving. He is a Chartered Member of the Chartered Institute for Personnel Management, Sri Lanka. Admiral De Silva is a PADI diving instructor and a specialty Instructor Marine Resource Management and Forensics Diving. Being a strategic leader, he has used his knowledge and skills in many sectors in the navy and the country producing both tangible and intangible results.

Admiral De Silva has taken his own initiatives to improve the Maritime Information Center at the Navy Headquarters, Colombo and Integrated Maritime Border management system in Sri Lanka to reinforce Maritime Domain Awareness. He has been instrumental in developing Vessel Board Search & Seizer training course, Ship in box simulator training and disaster response simulator in the Sri Lanka Navy. He being a marine environment conservationist has introduced a number of successful projects for marine eco system conservation and protection in many parts of Sri Lanka.

Currently he is serving as the consultant on marine & energy cluster for Hayleys Advantis Company and Special Advisor to Sri Lanka & IORA countries for EU-CRIMARIO II project.

SESSION FOUR – MARITIME DOMAIN AWARENESS

Mr. Wade David Turvold

Representative, Asia-Pacific Center for Security Studies



Wade Turvold joined the Asia-Pacific Center for Security Studies in June 2019 after a 30 year career in the U.S. Navy. He was privileged to serve in two educational assignments during this time, as the U.S. Navy Senior Service Representative and Director National Security Studies at the U.S. Army War College, and the U.S. Navy Exchange Directing Staff at the Joint Services Command and Staff College, Defence Academy of the United Kingdom in Shrivenham, England.

He served as a Naval Flight Officer during his career and has extensive experience flying P-3C and P-8A aircraft. Mr. Turvold commanded Patrol Squadron FOUR in Kaneohe Bay, Hawaii, and commanded Air Test and Evaluation Squadron ONE in Patuxent River, Maryland. His flying assignments, in addition to command, were in Patrol Squadron FORTY SEVEN in Kaneohe Bay, Hawaii, in Patrol Squadron THIRTY in Jacksonville, Florida (two tours), and in Patrol Squadron SIX and Patrol Squadron NINE, both in Barbers Point, Hawaii. He also served as Officer in Charge of the Maritime Patrol and Reconnaissance Weapons Tactics Unit in Jacksonville, Florida.

His staff assignments were as Air Anti-Submarine Operations Officer on the United States SIXTH Fleet staff embarked in USS LASALLE in Gaeta, Italy, and as Deputy Chief of Staff for Operations at Patrol and Reconnaissance Force, United States SEVENTH Fleet in Misawa, Japan.

Mr. Turvold graduated with Merit from the U.S. Naval Academy in Annapolis, Maryland, in 1989 where he earned a Bachelor of Science Degree. He graduated with Distinction from the U.S. Naval War College in Newport, Rhode Island, in 2000 where he earned a Master of Arts degree.

He completed numerous deployments throughout his career to the Indo-Pacific region, the Middle East, and to Europe. Mr. Turvold participated in combat operations in Somalia, Kosovo, Iraq, Afghanistan and the Philippines. Mr. Turvold served in a faculty position prior to becoming the Dean of Admissions and Business operations.

Mr. Turvold's Publications:

- Wade Turvold Participates in DSCA/Regional Centers Panel at Sea Air Space Conference
- Conflict Scenarios Between the United States and China at Sea
- DKI APCSS Professors Contribute to Book on Russia's Global Reach
- U.S. Command and Control across the Spectrum of Gray-Zone Operations in the East China Sea
- A Network of Maritime Fusion Centers Throughout the Indo-Pacific
- Hindsight, Insight, Foresight: Thinking about Security in the Indo-Pacific.
- Before it's Too Late: U.S. Maritime Grand Strategy in the Indian Ocean and the Arctic Ocean Ships Become Dangerous Places During a Pandemic

SESSION FOUR – MARITIME DOMAIN AWARENESS

Ms. Siji Song

Programme Coordinator, Indian Ocean East Team of the GMCP/ UNODC



Ms. Song is a South Korean national, and a lawyer with Master’s degrees in Public International Law, International Human Rights and Humanitarian Law, as well as Law of the Sea and Maritime Security. She assumed the post of Programme Coordinator of Indian Ocean East Team of the GMCP in December 2022. She has been working with UNODC since 2015. Prior to taking up the current post, Ms. Song worked for different UNODC’s programme, country and regional offices in East, West and Central Africa.

In 2019, she joined the Global Maritime Crime Programme (GMCP) where she is human rights focal point. Throughout her UNODC experience, she was responsible programme/project coordination and management on criminal justice responses to transnational organised crime and illicit trafficking both on land and at sea. She is currently conducting a PhD in Law on balancing the fight against crimes at sea with respect for human rights at sea.

SESSION FOUR – MARITIME DOMAIN AWARENESS



Mr. Martin Cauchi Inglott
Project Director, CRIMARIO II Project

Martin Cauchi Inglott is using the vast experience he has gained in the maritime security domain over the years, and his broad knowledge of EU institutional processes, to lead the CRIMARIO II team.

He is a retired senior naval officer, who served in several key positions throughout his military career in Malta, including as Military Representative to the EU and NATO Military Committees (2008-2012), and later as a Colonel, Assistant Chief of Staff responsible for external relations within the EU Military Staff (2012-2015) of the EEAS. Previous to his Brussels experience, Martin commanded the Maltese Navy/Coast Guard (2001-2008), and led EU combined/joint border control operations in the southern Mediterranean under the FRONTEX banner (2005-2007). After retirement, Martin became a maritime security consultant, offering his services to UN FAO within the context of sustainable fisheries, and Fipra, amongst other organisations.

Martin is a graduate of the German Naval Academy (1992), the US Naval War College (1999), the University of Malta (2001), and the European Security and Defence College (2012).

SESSION FIVE – COLLABORATIVE ENFORCEMENT FOR SUSTAINABLE OCEAN GOVERNANCE

MODERATOR

Adm Prof. Jayanath Colombage, RSP, VSV, USP, rcds, psc, PhD, MSc (DS), MA (IS), Dip in IR, Dip in CR, FNI (Lond), JP (Whole Island) (Retd)
Former Commander of the Sri Lanka Navy & the Ambassador of Sri Lanka for Indonesia & ASEAN



Admiral (Prof.) Jayanath Colombage has served the Sri Lanka Navy for a period of 36 years and retired as the Chief of the Navy on 01st July 2014. He is the 18th Commander of the Sri Lanka Navy and was decorated for gallantry and commended for exceptional service to the Navy.

He is a graduate of Defence Services Staff College in India and Royal College of Defence Studies, UK. He holds a PhD from General Sir John Kotelawala Defence University (Sri Lanka). His doctoral thesis; 'Asymmetric Warfare at sea: The Case of Sri Lanka' is now published. He also holds MSc on Defence and Strategic Studies from Madras University and MA on International Studies from Kings College, London.

He is a visiting lecturer at the University of Colombo, Defence Services Command and Staff College (Sri Lanka), Kotelawala Defence University and Bandaranaike International Diplomatic Training Institute. He is a Fellow of Nautical Institute, London UK.

Admiral Colombage is a Guest Professor at Sichuan University in China and an adjunct professor at National Institute of South China Sea Studies, Haikou, China. In addition. He has been a guest lecturer in several key universities and research institutes in Bangladesh, India, Japan and Pakistan. He has also been an editor and reviewer of a number of internationally renowned academic journals. In addition, he has served as the Director General of the Institute of National Security Studies Sri Lanka as well. He is currently a PhD examiner for University of Colombo.

Admiral Colombage held the portfolio of Additional Secretary to H.E the President for Foreign Relations. Admiral Colombage was also the Secretary to the Foreign Ministry from August 2020 to May 2022. Admiral is currently the Ambassador of Sri Lanka for Indonesia and ASEAN.

SESSION FIVE – COLLABORATIVE ENFORCEMENT FOR SUSTAINABLE OCEAN GOVERNANCE



Dr. Vijay Sakhuja

Director, School of Integrated Coastal & Maritime Security Studies, Rashtriya Raksha University, India

ERF, School of Integrated coastal and Maritime Security Studies (SICMSS)
PhD, MPhil, MSc, BSc
Phone No. - 079-68126800, Ext: 602
Email - vijay.sakhuja@rru.ac.in

Research Area - International relations, maritime and legal studies Dr. Vijay Sakhuja is a former Indian Navy officer and served for 26 years in various ranks and positions. Currently he is the Director of School of Integrated Coastal and Maritime Security Studies at Rashtriya Raksha University, an institution of National importance and a National University' Earlier, he served as the Director, National Maritime Foundation, New Delhi, India and has been on the faculty of a number of think tanks and universities in India and overseas. Sakhuja specializes in Indo-Pacific affairs, maritime and coastal security legal issues, Blue Economy, Arctic politico-strategic dynamics, 4th industrial Revolution technologies and maritime energy transition. He has published several books, edited volumes and monographs.

He has published several books and monographs. A former Indian Navy officer, Sakhuja specializes in Indo-Pacific affairs, naval developments, maritime security, climate change, Arctic issues, Blue Economy and 4th Industrial Revolution technologies. Dr Vijay Sakhuja is a member of the international editorial board of Journal of Indian Ocean Region (Taylor & Francis), Journal of Indian Ocean Rim Studies (JIORS) and Journal of Greater Mekong Studies.

SESSION FIVE – COLLABORATIVE ENFORCEMENT FOR SUSTAINABLE OCEAN GOVERNANCE

First Admiral Dr. TAY Yap Leong

Senior Director, Comprehensive Defence & Security Research Centre, Malaysian Institute of Defence & Security



First Admiral Dr Tay Yap Leong is the Senior Director Comprehensive Defence and Security Research Centre at the Malaysian Institute of Defence and Security (MiDAS), Ministry of Defence. He joined the Royal Malaysian Navy (RMN) in 1985 and commissioned into Executive Branch. First Admiral Dr Tay is a Mine Clearance Diving (MCD), qualified to dive to 90 meter and Explosive Ordnance Disposal (EOD) Specialist. He holds a Doctor of Management from University Malaya (2022), Master's in Strategic Defense Studies from University Kebangsaan Malaysia and has attended Malaysian Armed Forces Defense College (2013).

In his 38 years' service, First Admiral Dr Tay had attended various courses locally and abroad, including the Maritime Terrorism and Civil- Military Response to Terrorism Course at the Naval Postgraduate School (NPS) in California, USA in 2011. During his long and notable services, First Admiral Dr Tay has been awarded numerous medals and recognition, including KMN, PAT, KAT, AAP, PPS, PPA, mpat, and psc. He had also been a Commanding Officer of multiple RMN vessels and shore establishment during his service. First Admiral Dr Tay is married to Madam Soo Wat Kee and blessed with three children, a daughter and two sons.

SESSION FIVE – COLLABORATIVE ENFORCEMENT FOR SUSTAINABLE OCEAN GOVERNANCE



Mrs. Shanika Dissanayake

Addl. Secretary Environment & Climate Change, & Protocol, Ministry of Foreign Affairs, Sri Lanka

Shanika Dissanayake joined the Sri Lanka Foreign Service in 1998 and has served in various capacities within the Foreign Ministry and in Sri Lanka Missions overseas. She has a Masters Degree in Defence and Strategic Studies from the University of Malaya and is a Graduate of the University of Colombo. She last served as Ambassador of Sri Lanka to the Hashemite Kingdom of Jordan.

Shanika Dissanayake currently serves as Addl. Secretary in the Economic Affairs, and Ocean Affairs, Climate and Environment division.



