



# UCSI SDG Month 2021

A month full of sustainability events to promote sustainability and the SDGs to a wider audience.



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## Organizers



# World Oceans Day

8 June 2021 . Tuesday  
9:45am to 12noon  
ZOOM



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**Professor Dato' Dr Aileen Tan Shau Hwai, FASc**  
Director  
Centre For Marine & Coastal Studies (CEMACS),  
Universiti Sains Malaysia



**Associate Professor Dr Mohd Fadzil Akhir**  
Director  
Institute of Oceanography and Environment (INOS)  
Universiti Malaysia Terengganu (UMT)



**Professor Dr Omar Yaakob**  
Research Fellow  
Marine Technology Centre  
Universiti Teknologi Malaysia



**Professor Mohd Razman bin Salim**  
Faculty of Engineering, Technology and Built Environment  
UCSI University





# World Oceans Day 2021

## ‘The Ocean: Life and livelihoods’

**08 June 2021 (Tuesday)**

**9.45PM to 12.00PM**

**Zoom Meeting**

The United Nations has designated 8 June as World Oceans Day. World Oceans Day is a day for humanity to celebrate the ocean. This year’s theme for is “The Ocean: Life and Livelihoods”.

In celebrating the role of the oceans in our everyday life, UCSI organises a series of talks by invited speakers on a wide range of topics from marine ecosystems and marine pollution to aquaculture. This event is also organised in conjunction with UCSI SDG Month 2021 celebration.

### Programme Objectives

- To raise awareness of the importance of the world’s oceans.
- To raise awareness of how plastic pollution is damaging the ocean’s biodiversity.
- To encourage action in tackling marine pollution.
- To create a sustainable environment.

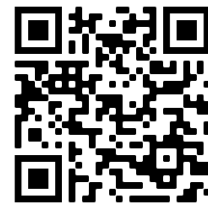
### Target Audience

- UCSI University and UCSI College students
- Public

### How to Register

Fee: Free

Online Registration: <https://tinyurl.com/woducsi2021> or scan the QR code



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## Distinguished Guest Speakers



### **Professor Dato' Dr Aileen Tan Shau Hwai, FASc**

Director  
Centre For Marine & Coastal Studies (CEMACS),  
Universiti Sains Malaysia

Professor Dato' Dr Aileen Tan Shau Hwai is a Professor at the School of Biological Sciences, Universiti Sains Malaysia (USM). She is a Fellow of Academy Science Malaysia. Currently, she is also the Director of the Centre for Marine and Coastal Studies (CEMACS) in USM, the Executive Director of the Asia-Pacific University-Community Engagement Network (APUCEN), and the Vice-Chair of IOC Western Pacific (WESTPAC). She was the first woman to be elected as president of the 58-years old UNITAS Malacologica, Belgium, from 2013-2016.

Her field of expertise is marine science, specialising in mariculture and the conservation of molluscs. She is the first Malaysian woman who has successfully culture the oysters from eggs and sperms through artificial spawning. Now, she is actively encouraging the rural coastal communities in other states in Malaysia to culture oysters to promote "green aquaculture" and to create a sustainable income for the local communities.

In 2020, she has been awarded the Top Research Scientist Award in Malaysia (TRSM) for her expertise in "Mariculture and Marine Ecology, Biodiversity, and Conservation". Additionally, she was named the Best Women Scientist for her work in guiding the women-folks in Johore Islands in earning their own income through the giant clam conservation programme. She has initiated several Malaysia Book of Records for her contribution in molluscan studies.



### **Associate Professor Dr Mohd Fadzil Akhir**

Director  
Institute of Oceanography and Environment (INOS)  
Universiti Malaysia Terengganu (UMT)

Associate Professor Dr Mohd Fadzil holds the position of Director in the Institute of Oceanography and Environment in UMT. His research interests are coastal physical oceanography, with an emphasis on field observation and numerical modelling. He has played an active role in examining the southern part of the South China Sea. The most important aspect of his study is the upwelling system where he is now a Principal Investigator for a regional group that explores the upwelling system in marginal seas and the climate change impact on ocean productivity. He also leads a major research project between Malaysia and China that develop the first ocean forecast system in Malaysia named Malaysia Marine Forecast (MFAST). He actively speaks and writes on media outlet on current issues relating to the marine environment.



**Professor Dr Omar Yaakob**

Research Fellow  
Marine Technology Centre  
Universiti Teknologi Malaysia

Professor Dr Omar is currently the Chairman of the UTM Council of Professor and a member of the UTM Senate since 2013. He is also a member of the UTM Board of Directors.

At the national level, he has been appointed as a member of the National Advisory Council for Education (MPPK), Ministry of Education; member of the National Task Force on Marine Environment, Ministry of Transport; Founding Member of the Technical Advisory and Consultative Committee, Ship Classification Malaysia, Member of Technical Committee of Malaysian Ship Owners Association (MASA); and member of the Malaysian Government Expert Group for International Maritime Organisation Gas Emission Control.

At the international level, the Royal Institution of Naval Architects appointed him as a Fellow in 2009 and the UK Engineering Council accorded him a Chartered Engineer status in 2011. He is also a member of the Marine Environment Committee of the Royal Institution of Naval Architects. In addition, he was appointed as an Associate of the Academy of Sciences Malaysia.

He has represented Malaysia in many meetings at the International Maritime Organisation (IMO), dealing with shipping energy efficiency and the environment. He is one of the founding member of South East Asia Collaboration on Ocean Renewable Energy (SEAcORE), a member of the IOC-Westpac Working Group on Marine Renewable Energy, and a permanent member of the the Organising Committee of Asian Wave and Tidal Energy Conference series (AWTEC).



**Professor Dr Mohd Razman Salim**

Professor

Faculty of Engineering, Technology and Built Environment

UCSI University

Professor Dr Mohd Razman Salim joined UCSI University in December 2019. Currently, he is attached with the Department of Civil Engineering, Faculty of Engineering, Technology and Built Environment, UCSI University. Dr Razman received his BSc of Civil Engineering from Brighton Polytechnic, UK (1980); Master's in Civil Engineering (Sanitary) from North Carolina State University, USA (1985); and PhD in Environmental Engineering from the University of Newcastle upon Tyne, UK (1992). He began his academic career as an Assistant Lecturer at Universiti Teknologi Malaysia (UTM) in September 1980. He was appointed as Deputy Director, Institute of Environmental Management and Water Resource (IPASA), a research institution in UTM. Before that, he was the Head of Department of Environmental Engineering at the Faculty of Civil Engineering, UTM.

Dr Razman was awarded a Commonwealth Fellowship (Association of Commonwealth Universities) in 1998 to develop research for a year in the field of biotechnology at the University of Newcastle upon Tyne. From 1996-2002, he was appointed as the University coordinator and research fellow for JSPS/LIPI-DOST-VCC programme in Biotechnology. As a researcher under CICHE, SIDA, and DUCED programmes, he carried out study on capacity building in wastewater treatment technology and solid waste management. He was involved over 60 researches and consultancy projects, publishing more than 180 articles, both in journals and proceedings, filing seven patents, including two patents granted. He was appointed as a member for a task force by Akademi Sains Malaysia, involving in a study on water and wastewater management in Malaysia. He was also one of the researchers conducting study on the project "Low Carbon Society for Iskandar Regions" under sponsorship of JICA. He is the member of the International Water Association (IWA) and a council member of the Malaysian Water Association (MWA). He is also the committee member for a registered NGO called Malaysian Society of Waste Management and Environment (MSWME).

## Tentative Program

Time	Topic
9:55am – 10:00am	Welcoming speech <b>Miss Norani Abu Bakar</b> Executive Director UCSI Group - SDG Secretariat office
10:00am – 10:30am	<b>Professor Dato' Dr Aileen Tan Shau Hwai, FASc</b> Director Centre For Marine & Coastal Studies (CEMACS), Universiti Sains Malaysia, Title: "Blue Food: Unlocking Health, Environmental and Economic Opportunities"
10:30am – 11:00 am	<b>Associate Professor Dr Mohd Fadzil Akhir</b> Director Institute of Oceanography and Environment (INOS), Universiti Malaysia Terengganu (UMT) Title: 'Malaysia Ocean Future: Realigning our goals and reimagining our approach'
11:00am – 11:30 am	<b>Professor Dr Omar Yaakob</b> Research Fellow Marine Technology Centre, Universiti Teknologi Malaysia Title: 'Efforts by The Shipping Community to Secure A Sustainable Future'
11:30am – 12:00pm	<b>Professor Dr Mohd Razman Bin Salim</b> Professor Faculty of Engineering, Technology and Built Environment, UCSI University Title: 'Marine Litter and Microplastic Pollution: Impact and Challenges in the Aquatic Ecosystem'

Thank you very much for your support and participation

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