In line with UMT’s slogan “Ocean of Discoveries for Global Sustainability”, to own RV-Discovery is a tremendous achievement for UMT as the national focus institution in oceanographic and maritime studies. The 35 meters long and 300 tonnes UMT’s research vessel was built in September 2008 by a local company and is capable of accommodating 12 crew members and 11 trainers or researchers at a time.

RV Discovery was officially launched on 30th September 2011 at Riyaz Heritage Resort & Spa (currently known as Duyong Marina), Pulau Duyong, Terengganu by Her Majesty Tuanku Nur Zahirah UMT’s Chancellor which was the Raja Permaisuri Agong at that time.

This research vessel was built specifically for oceanographic research purposes and equipped with the latest technologies as similar to the other foreign research vessels. This vessel has an ability to sail for more than 4,000 nautical miles with a full tank of fuel (39,800 L) at a maximum speed of 12 knots.

UMT is proud to be the only university in Malaysia to own the research vessel which primarily operated for marine and maritime research communities in the country. RV Discovery is also used as a teaching and training ship for the undergraduate students of Bachelor of Science (Nautical Sciences) and Bachelor of Science (Marine Sciences).

For research purposes, their area wet and dry laboratories onboard that can be used to sample pretreatment and sampling equipment installation space. The dry laboratory is also equipped with a table and a bench for discussion, sample processing and data analysis.

In between 2011 and 2019, RV-Discovery has successfully accomplished several important scientific cruises in the South China Sea and Malacca Strait including the latest cruise in conjunction with LIMA’19.
SPESIFICATION OF RV-DISCOVERY

PRINCIPAL PARTICULAR
Ship Classification  Malaysia
Material    Marine Grade Aluminum
Length overall  34.80m
Beam    7.60m
Depth    3.95m
Draught    2.55m
Maximum speed  12 knot @ 100% MCR
Range    4000 N.M
Fuel Oil Capacity  39800 liter
Fresh Water Capacity 11400 liter
Fresh Water Maker  2385 liter/day
Complement  23 persons
GRT    258

MACHINERY AND EQUIPMENT
Main engine  1 x CATERPILLAR C32 ACERT 850hp@1800rpm/634kW
Gearbox Twin Disc MGX 5225
Main Generator  2 x Cummins 6CTA8.3D(M) kW/3Ph/415v/50Hz
Emergency Generator  1 x Cummins 37 kW
Bow Thruster  1 x HRP 1001TT
Propulsion Fixed Pitch Propeller

COMMUNICATION (GMDSS A3)
HF SSB Radio  1 x SAILOR 5000 150w
VHF Radio  2 x SAILOR RT 5022
Inmarsat C  2 x SAILOR TT- 3000EB
Portable VHF  3 x SAILOR SP 3520

DESCRIPTION OF VESSEL
EQUIPMENTS
Radar  1 x FURUNO FAR 2117D
Gyro Compass  1 x Anschutz Std 22
GPS Compass  1 x FURUNO SC 110
ECDIS  1 x Navmaster
Echo sounder  1 x KODEN CVS 833
Magnetic Compass  1 x Ritchie SP 5C
NAVTEX  1 x JMC NT -1800
Auto Pilot  1 x Anschutz
Weather Station  1 x R.M Young
AIS Receiver  1 x FURUNO FA 150
Speed Log  1 x BEN Athea E/M

ACCOMODATION
Berths Total  23 berths
Single Cabins  3
Two Berth Cabins  4
Four Berth Cabins  3
Galley & Dining Saloon Seats 23 Max
Dry Lab  1
Wet Lab  1
Processing Room  1
On April 4 and 5, 2019, the Malaysian Department of Statistics (DoSM), in collaboration with the United Nation Economic and Social Commission of the Asia and the Pacific (ESCAP), organised the 1st National Ocean Accounts Workshop as Malaysia's first step to venture into applying accounting principles as a platform to integrate environment, economic and social statistics. As one of the only two universities invited to contribute in this inaugural workshop, UMT was represented by Associate Professor Dr Aidy @ Syawal Mohd Muslim, the Director of INOS, and Professor Dr Wan Izatul Asma Wan Talaat, the Head of Ocean Governance Research Programme of INOS.

The Ocean Accounts Platform considers our natural resources or capitals as national assets providing multiple services to the country. Sitting at the centre to the most biologically diverse and productive marine ecosystems on Earth, it is important for Malaysia to factor in all the services provided by the oceans. From fisheries to marine-based tourism, our ocean is a vital source of livelihood, employment, nutrition and economic growth. Ocean plays an essential role in balancing our climate while marine and coastal ecosystems are the first line of defence from saltwater inundation and storms including tsunami. Yet, this natural marine environment is being threatened by the rampant marine pollution, ocean acidification and warming, destructive fishing practices, unsustainable trade and transport, and illegal activities. These threats are compounded by inadequate coastal and marine governance thereby compromising the ocean’s capacity to nurture sustainable development. ESCAP's Assessment of Capacity Development Needs of the Countries in Asia and the Pacific for the Implementation of Sustainable Development Goal 14 reveals that the Asia Pacific region needs strengthening of technical capacity, coordination, data and statistics, awareness, stakeholder engagement and partnerships, which require strong ocean governance.

Although vital information to monitor and evaluate progress towards SDG 14 is available, but it is fragmented across scientific domains, policy frameworks and institutions. Following that, ESCAP and UN Environment are leading a global effort to develop statistical guidance based on the System of Environmental Economic Accounting (SEEA). The Ocean Accounts Platform will provide guidance on electing, prioritising and standardising data of national, regional and global importance. These data can be integrated to provide a comprehensive view and to achieve such, conversation among scientists, policy makers and statisticians is crucial as an integral part of ocean governance.

Since Malaysia is just embarking on having her own ocean accounts, the Straits of Malacca has been selected as the first case study taking into consideration the readily available existing scientific data. UMT, together with other leading universities, will be playing a vital role in providing these data from the marine coastal datasets on the Straits of Malacca.
PENYU PROGRAMME
JAPAN-MALAYSIA ACADEMIC AND CULTURAL EXCHANGE PROGRAM

Penyu Program was initiated by Dr Yusof Shuaib Ibrahim from School of Marine and Environmental Sciences for the first time involving Universiti Malaysia Terengganu (UMT), Kagoshima University and Non-Profit Organization (HIBIKI) from 28th March – 24th April 2019. This program was aimed to strengthen the relationship between both universities which has been established since last 30 years ago and also to engage with the Kagoshima City Citizen. The programme was divided into academic attachment and cultural exchange activity. Three postgraduate students of UMT- Siti Rabaah Hamzah, Mona Mastura Baharudin, (School of Marine and Environmental Sciences) and Siti Syazwani Azmi (Institute of Oceanography and Environment) have participated in this program as the first batch. These students were supervised by three Kagoshima University lecturers (Prof. Dr Masanori Sato, Prof. Ryuichiro Nishi, Dr Hiroaki Tosuji) under different expertise.

This programme could not be accomplished without participation from Japan host family from Kagoshima City and also under the supervision of the programme director, Mr Toru Kaminokado and President of HIBIKI Circle, Ms Kyoko Muta which plays a big role in cultural exchange between Malaysia and Japan. The programme builds a strong bonding between both countries where both find similarities and differences in many aspects. Students get a closer first-hand experience as being one of them and create beautiful memories with the host family. During their stay with host families, they had the opportunity to gain massive socio-cultural experience, especially in learning about making Japanese food, wearing Japanese cloth (Kimono), Japanese sand art and learning language. The students were very grateful for the knowledge and experience provided by their families, supervisors and also for the warm hospitality and assistance given during their stay in Kagoshima. This program has been achieved and gave a positive impact on the participants on academic life and cultural exchange.
"UMT shaped me from an ordinary student to a scholastic student. It redirected my thoughts and outlook in the way of research. The diverse faculty, staff and students of UMT has enhanced my learning exceptionally. Moreover, I found everyone in UMT is friendly, professional. They show me a new world of research while inculcating the values of excellence in my life. The charming atmosphere, the facilitating and cooperative staff, and the academically productive environment helped me in achieving my objective optimally and satisfactorily. I am very satisfied with my decision for choosing UMT"

Muhammad Imran Tanveer Opel; Doctor of Philosophy in Management, School of Maritime Business and Management, PAKISTAN

"Being a student in the Foundation of STEM has opened up so many opportunities for me in the past year. I’m thankful that the course not only taught me academic wise but also exposed me to a life learning experience. Through community work especially mentor-mentee programs with school students, it taught me soft-skills that I’m sure would be helpful for my future career. Thus, I’m excited to further my degree at UMT next semester"

Wan Syahidah Hana; Asasi STEM 2018/2019
MASTER OF BUSINESS ADMINISTRATION
MBA UMT OFF-CAMPUS CYBERJAYA

PROGRAM OVERVIEW

✓ Our MBA Program is designed to train executive to think strategically and analytically through intensive series of stimulating lectures, energetic seminars, and conducive small team projects.

✓ The MBA adds value to your first degree by developing an integrated and deep understanding of management and leadership at organisational levels and in a global market.

✓ Enhance your knowledge and skills in any of the four concentrations of your choice namely Strategic Management, Marketing, Islamic Finance and Maritime Logistics.
WHY STUDY WITH US?

- Offers a wide range of competitive programs which are carefully designed and frequently revised to ensure their relevance to the real business world and the changing global economy.
- Integrated approach that combines core courses, elective courses and a project paper. Four elective course concentrations are offered to meet your career goals: Strategic Management, Marketing, Islamic Finance, Maritime Logistics and Transport.
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- Accredited by MQA

CORE COURSES
- Accounting for Managers
- Managerial Economics
- Organizational Management
- Electronic Commerce Technology
- Human Resource Management
- Financial Management
- Coastal Community Development
- Business Research Methods
- Business Ethics in Corporate Governance
- Operations Management
- Strategic Management
- Marketing Management
- Project Paper

MARKETING:
- Consumer Behavior
- International Marketing
- Sales Management
- Services Marketing
- Tourism Marketing
- Destination Marketing

ISLAMIC FINANCE:
- Governance and Applications of Syariah in Islamic Finance
- Islamic Financial Institutions and Markets
- Islamic Economics: Theory and Practice
- Financial Operations and Deposits of Islamic Banking
- Syariah Applications in Financial Transactions
- Estate Planning and Management in Islam

MARITIME LOGISTIC AND TRANSPORT:
- Modern Port Management
- Marine Insurance
- The Law of Carriage of Goods By Sea
- Logistics and Supply Chain Management
- Maritime Logistics
- Custom and Forwarding Agent

HOW TO APPLY
- Application can be made online via http://gsea.umt.edu.my throughout the year.
- Application will only be processed on receipt of full supporting documentation required.
- All application received will be processed and successful applicants will be notified without delay
- Recommendation by two (2) academic referees (sealed) for students with degree other than conferred by UMT.
- Please include any other relevant documents e.g Curriculum vitae, supporting letter(s) and professional certificates (if any).
- Intake: September
- MBA program is offered at UMT Off-Campus Cyberjaya

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E-mail: marhana@umt.edu.my
**The 14th UMT International Annual Symposium**

**School of Marine and Environmental Sciences**

**Keynote Speaker:**
Prof. Dr. Pat Hutchings (Australian Museum Sydney)

**Plenary Speakers:**
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- Prof. Dr. Lee Hian Kee (National University of Singapore)
- Prof. Dr. Soottawat Benjakul (Prince of Songkla University, Thailand)

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Terengganu, Malaysia
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- Marine & Freshwater Sciences
- Food and Agricultural Sciences
- Applied Mathematics & Computer Sciences
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- Green Engineering
- Management Sciences and Policy

**Organised By:**
Ministry of Education Malaysia

**Dates**
- Abstract Deadline: 15 April 2019
- Abstract Acceptance Notification: 20 April 2019
- Full Paper Submission Deadline: 30 April 2019
- Paper Acceptance Notification: 15 May 2019
- Participant Registration Deadline: 15 June 2019
- Early Bird Payment Deadline: 30 April 2019

**Registration & Payment**
- **Early Payment** (30.4.2019)
  - Malaysian Student: RM 500
  - International Student: USD 200
  - Malaysian Non-student: RM 800
  - International Non-student: USD 350
  - UMT Student: RM 350
- **Normal Payment** (15.6.2019)
  - Malaysian Student: RM 600
  - International Student: USD 250
  - Malaysian Non-student: RM 900
  - International Non-student: USD 450

For more information please contact:
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