TROPIMUNDO BRAND NEW SEASON, THE 5TH COHORT NOW BEGINS
TROPIMUNDO program is now here again for 5th cohort, year 2019. There are 16 students who have registered for the program this year from various nationalities such as Belgian, French, Indian, etc. TROPIMUNDO program began since 2015 as a successful collaboration established among UMT and other countries like Belgium, France, Italy, Peru, Cameroon and Australia. This program exposed the students towards the biodiversity of nature in Terengganu and also the exploratory of the Terengganu coast itself. Since Terengganu is rich with its marine resources, it will give a good opportunity for the students to discover the new knowledge or findings of what they have learnt.

Besides it gives a new experience for the students from Europe to explore themselves deeply towards culture of locals around here. TROPIMUNDO is a five to six months program that expected to be end in July 2019. The registration and orientation was held at UMT INOS Auditorium.
Institute of Tropical Biodiversity and Sustainable Development (Bio-D Tropika), Universiti Malaysia Terengganu (UMT) has taken a bold initiative to bring on board the key figure in Malaysia wildlife management, Dato’ Abdul Kadir Abu Hashim, a Director of Wildlife and National Park Department (PERHILITAN) as the institute Adjunct Professor. His appointment is aimed to strengthen our roles in conducting trans-disciplinary research in tropical biodiversity and sustainable development. His presence is also highly beneficial for the institute to enhance collaborations between academia and industry in this new millennia where management of our wildlife heritage and resources is full of challenges and no longer an isolated task for PERHILITAN alone.

Researchers in higher-learning institution conduct data collation and analysis to generate new information based on their research findings which further published. However, the publication need to be translated to brought into the industry to ensure an impactful research which could assist government bodies to outline and improve existing policies so that it is relevant at present day. Parallel to the development of science and communication technology in various fields, researcher need to work cutting across an academic and social aspect. Public needs to be educated about the important of wildlife and how wildlife functioning to keeping our ecosystem in balance so that it can continue to offer various vital ecosystem services. Serving PERHILITAN and industry for more than 25 years, Dato’ Kadir Abu Hashim no doubt could impart his knowledge and experience to contribute to the institute’s core activities in wildlife research and collaboration. As an industry player he had given a keynote speech in 2018 and will deliver his public talk in nearest time to address his aspiration and the challenges in conservation and management of our wildlife heritage. Issues addressed in upcoming public talk will surely benefitting UMT academician, staff, under-and postgraduates.
Universiti Malaysia Terengganu has signed for MoU agreement with Sendai College, Japan. The good relation has begun since 2017 when two UMT students did their internship at Sendai College. Both of them were under the supervision of Professor Dr. Tomoaki Endo-Sensei and Dr. Hanis binti Mohd Yusoff.

The Vice Chancellor of UMT, Prof. Dato’ Dr. Nor Aieni binti Haji Mokhtar hopes that the collaboration between both institutions will bring initiatives that can give benefits to students. She added that, there is a plan on having students exchange program including summer school program by sending UMT students to Sendai College. This may be useful for final year students in getting exposure of new experience there.

The MoU signing ceremony was completed by Prof. Dato’ Dr. Nor Aieni Binti Haji Mokhtar as a representative from UMT and Professor Dr. Hiroshi Fukumura who represented Sendai College. The ceremony ended with commemorative group photo session and lunch.
MoU signing ceremony between UMT and Malaysian Meteorological Department (MetMalaysia) was held recently as it is one of initiatives to increase the alert system of natural disasters here: typhoon and tsunami. The system may help in spreading important information of the disasters effectively to the community of the targeted area.

The MoU was signed by the Vice-Chancellor of UMT, Prof. Dato’ Dr. Nor Aieni Mokhtar and Alur Bahari, the Director General of Malaysian Meteorological Department. Prof. Dato’ Dr. Nor Aieni Mokhtar mentioned that the collaboration between UMT and Malaysian Meteorological Department started in 2017 through the project of Ocean Forecasting System. This MoU agreement shall give benefits to not only UMT community but also the coastal community nearby the South China Sea.
UMT welcomed an international lecturer from Bangladesh, Dr. Md. Nurul Islam Siddique. He is a Ph.D. holder in Civil Engineering from Universiti Malaysia Pahang, Malaysia. He does research on renewable energy focusing on wastewater treatment, environmental engineering, waste to energy and sustainable concrete technology. His research highlights how industrial wastewater such as palm oil mill effluent can be converted to bio-energy (such as Methane, Hydrogen) and the final by product can be used as fertilizer.

Dr. Md. Nurul delivered a research lecture entitled “How to Write a Scientific Paper: Efforts and Perspectives”. In his lecture, Dr. Md. Nurul emphasized on the scientific techniques, directions, encouragements to produce high impact articles in order to upgrade the publication frequency of the university staffs and students.

The main objective of the speech was to encourage and educate the university staffs and students to write the articles based on their research. If everyone becomes proactive in writing, then the publication frequency of UMT will significantly increase, and consequently UMT can become a global top ranked university.
UMT are glad and honoured to invite you and your postgraduate students under your supervision to submit research paper and also to participate in our upcoming conference, The International Conference on Ocean, Engineering Technology and Environmental Sustainability 2019 (I-OCEANS 2019), which will be held in Universiti Malaysia Terengganu, Kuala Nerus, Terengganu, Malaysia (5-7 August 2019). All accepted full papers will be reviewed and considered for publication in The International Journal of Engineering & Technology (Scopus Indexed).

For more detail please visit: oceans2019.umt.edu.my or email to: oceans@umt.edu.my

**SPEAKERS:**

- **Professor Ketut Ariya Utama**
  Institut Teknologi Sepuluh Nopember, Surabaya (ITS)
  "Coastal and Offshore Engineering"

- **Assoc. Professor Dr. Rappe Ujie**
  School of Chemistry, Institute of Science, Suranaree University of Technology (SUT)
  "Electronics and Instrumentation"

- **Professor Dato’ Dr. Abdul Wahab Mohammad**
  Universiti Kebangsaan Malaysia (UKM)
  "Energy, Environment and Sustainability"

- **Dato’ Captain Jaffar Lamri**
  Centre of Maritime Excellence Sdn. Bhd. (CME)
  "Nautical Science and Maritime Transportation"

**CONFERENCE TOPICS INCLUDING BUT NOT LIMITED TO:**

- **OCEAN ENGINEERING AND OCEANOGRAPHY**
  - Naval Architecture
  - Marine Engineering
  - Coastal and Offshore Engineering
  - Computational Fluid Dynamic
  - Engineering Material
  - Thermo Fluid
  - Hydro Dynamic
  - Ship Structure
  - Marine Renewable Energy
  - Remote Sensing

- **ENERGY, ENVIRONMENT AND SUSTAINABILITY**
  - Water and Wastewater Technology
  - Solid and Schedule Waste
  - Air Pollution
  - Safety and Health
  - Environmental Law and Management
  - Environmental Impact Assessment
  - Green Technology
  - Energy Efficiency
  - Sustainable Material
  - Hydrology and Water Resource
  - Renewable Energy

- **NAUTICAL SCIENCE AND MARITIME TRANSPORTATION**
  - Marine Navigation System
  - Hydrography
  - Maritime Communication
  - Marine Cargo Operation
  - Marine Transportation
  - Maritime Safety
  - Maritime Security
  - Ship Handling
  - Shipboard Operation
  - Maritime Education and Training
  - Port Operation
  - Maritime Policy
  - Shipping Management

**ELECTRONICS AND INSTRUMENTATION**

- Robotic
- Antenna and Communication
- Internet of Things
- Analytical and Numerical Method
- Automation and Control
- Computational Modelling and Simulation
- Energy Monitoring
- Advanced Material
- Energy Storage and Smart Grid
**ACADEMIC AFFAIRS Quick Update**

**THE 14TH UMT INTERNATIONAL ANNUAL SYMPOSIUM**

- **SCHOOL OF MARINE AND ENVIRONMENTAL SCIENCES**

**INVITED SPEAKER:** Prof. Dr. Pat Hutchings  
(Australian Museum Sydney)

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**UMTAS 2019**  
Primula Beach Hotel  
Terengganu, Malaysia  
**23-25 JULY 2019**

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**SUSTAINABLE DEVELOPMENT THROUGH SCIENCE, TECHNOLOGY AND INNOVATION**

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**SCOPES OF CONFERENCE**

- Marine & Freshwater Sciences
- Food and Agricultural Sciences
- Applied Mathematics & Computer Sciences
- Fundamental & Applied Sciences
- Green Engineering
- Management Sciences and Policy

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**REGISTRATION & EARLY PAYMENT:**

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**For more information please contact:**

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🌐 umtas2019.umt.edu.my

Selected papers will be published in:  
IOP Conference Series: Earth and Environmental Science  
(Indexed by WEB OF SCIENCE and SCOPUS)