

UMT NEWSLETTER

Volume 3, Issue 10, October 2023

OCEAN OF DISCOVERIES FOR GLOBAL SUSTAINABILITY



In this issue :

- » UMT Vice Chancellor Visits Sarawak
- » UMT Instils Patriotism During 66th Independence Day Celebration
- » UMT, SATU Sign Agreement, to Focus on Quality of Freshwater Supply
- » UMT Organizes USR Programme for Semaq Beri Community
- » UMT, PETRONAS Collaborate to Improve Employability of East Coast University Graduates

eISSN 2805-5578



Executive Editor

Professor Dr. Fauziah Abu Hasan

Content Advisors

Prof. Dr. Yusliza Mohd Yusoff
Dr. Azza Jauhar Ahmad Tajuddin
Dr. Mohd Ihwan Zakariah
Shafie Umardi @ Kamarol Bahrin
Suhaili Safei
Wan Ab Hafiz Wan Ibrahim

Coordinators

Rozita Alias@Abdul Latiff
Amirul Salam Hasan

Designer

Adli Hashim

Photographers

Mohd Sharwan Abd Ghani
Mohd Shukry Tahar
Nur Hafiza Ellias
Tg. Iskandar Zulfahmi Tg. Mohamad

Corporate Communications Office
Universiti Malaysia Terengganu
email : pro@umt.edu.my

This October, UMT welcomes a fresh batch of freshmen to the campus and says goodbye to our final year students in the coming graduation ceremony. This cycle of welcoming new students and bidding farewell to graduates as they enter the next phase of their life is an age-old tradition for universities across the world.

For the new students registering, this is a time of mix emotions; they are leaving their families for the first time but are looking forward to making new friends, embarking on a journey of knowledge seeking and getting excited at what the future will hold for them. UMT will provide them unique experiences, being at the coast of the Malaysian Peninsular and in close proximity to the beach. They will be making great memories not only in the classrooms but as they navigate their way around campus, which will give them a distinctive experiential learning.

For the graduating students, their time on campus will end but their connection to the university as alumni continues. The late nights studying for exams, the great relationships they have fostered with friends, and the learning and wisdom they have gotten from their lecturers have facilitated their growth, and these will be memories that will stay with them forever as they embark on their careers and contribute to society and the nation. Our graduates are a great pride of the university, and at a recent event, Petronas Be Digital Bootcamp held at UMT, six of them have been offered work placements at various firms and one chosen as the Best Camper.

As the university embarks on a new academic year, we welcome the freshmen with open arms and hope that they will enjoy their time on campus and maximise their learning and personal growth while they are here. To the soon-to-be graduates, we wish them all the best in their future and may their quest for learning continue and may they come back to the university to contribute back as alumni.



Professor Dr. Fauziah Hj. Abu Hasan
Executive Editor

CONTENTS

- 1 UMT Vice Chancellor Visits Sarawak**
- 2 UMT, SATU Sign Agreement, to Focus on Quality of Freshwater Supply**
- 3 UMT, PETRONAS Collaborate to Improve Employability of East Coast University Graduates**
- 4 UMT Instils Patriotism During 66th Independence Day Celebration**
- 5 UMT Organizes USR Programme for Semaq Beri Community**

UMT Vice Chancellor Visits Sarawak

Mohd Ihwan Zakariah, Mazlan Abd. Ghaffar,
Muhammad Ikhwanuddin Abdullah, Azmie Ghazali



UMT Vice Chancellor Prof. Dato' Dr. Mazlan Abd Ghaffar was in Sarawak recently on a courtesy and working visit. The trip to the state from 12 – 13 September was for the purpose of fulfilling the invitations from state and corporate agencies that have close working relationships with the university.

The series of visits started with a trip to Sarawak Foundation, where Prof. Mazlan and UMT delegates were welcomed by its director, Tuan Haji Mersal Abang Rosli. To date, there are 17 students from Sarawak at UMT receiving sponsorships from the foundation.

Discussion revolved around future directions regarding collaborations between the two parties for better development of students especially from Sarawak. The foundation is also planning to work with UMT on the development of the UMT – Sarawak Foundation Maritime programme involving training of lecturers in the fields of maritime and logistics.

The next visit was to Sarawak Department of Agriculture and Sarawak Ministry of Food Industry, Commodities, and Regional Development (M-FICORD). UMT delegates were welcomed by Dato Sri Dr. Stephen Rundi, M-FICORD Minister.

UMT and Sarawak Department of Agriculture have had a close relationship for the past several years. Both have recently signed a Memorandum of Understanding with each other, and a list of activities agreed upon will be implemented soon.

On the second day of the visit, Prof. Mazlan was invited by Sarawak SATT College to its campus. The college is interested in collaborating with UMT in the field of fisheries and a discussion was held to decide on the directions forward. SATT College has also expressed an interest in opening a franchise branch in Sarawak for UMT's Diploma of Fisheries programme since there are already several similar fields at both institutions, including tourism and food service and processing.

Prof. Mazlan and UMT delegates were welcomed by SATT College Chief Executive Fabian Henry and the college management.

The last visit on the second day was to Borneo Mangrove Eco Centre Sdn. Bhd., one of UMT's industry partners. UMT and the company have earlier secured a research grant under the Private Partnership Research Grant (PPRG) scheme for a commercialized crab seed production project intended to meet market demand for crabs. Through the project, both parties plan to assist each other in the production of crab seeds and development of a method to ensure production sustainability.

Using the pen culture method, produced crab seeds will be allowed to grow naturally at mangrove areas. These crab seeds, which are produced at the hatcheries, will be released inside the pen culture to add weight, and some of the crabs will be reared as soft-shell crabs. They will be marketed as fresh products to meet the current high demand.

UMT, SATU Sign Agreement, to Focus on Quality of Freshwater Supply

Amirul Salam Hasan, Corporate Communications Office - UMT



Universiti Malaysia Terengganu (UMT) and Syarikat Air Terengganu (SATU) Sdn Bhd have signed a Memorandum of Understanding (MoU) with each other concerning the supply of clean water from the water treatment plant for use by Terengganu residents.

The signing ceremony was held at UMT campus in Kuala Nerus, and the agreement was signed by UMT Vice Chancellor Prof. Dato' Dr. Mazlan Abd Ghaffar and SATU Chief Executive Officer Ts Abdul Karim Endut.

According to Prof. Mazlan, the collaboration is made possible by the close relationship between the two parties, who have been working together to improve the treatment and quality of water using special chemical substance.

"The close cooperation between UMT and SATU has started since 2018 when lecturers and students from the Faculty of Ocean Engineering Technology and Informatics, UMT, was invited to conduct a study on a chemical substance for water treatment, or a coagulant. "UMT submitted a project proposal that would make use of the expertise at the university, and a group of UMT researchers was subsequently allowed to carry out a coagulant study at water treatment plants to improve water treatment and quality being supplied to the residents in the state.

Prof. Mazlan said UMT always welcomes the industry to be involved with the university and work together to enhance UMT graduates' employability in line with the industry's needs.



"Each industry has its own expertise that can help future graduates equip themselves with a complete, dynamic, and holistic package that will make them more competitive in the job market.

"I believe this collaboration will produce research outcomes that will bring a bigger impact not just to UMT but also to SATU and the surrounding communities, in line with UMT's slogan of An Ocean of Discovery for Global Sustainability," he said.

UMT was first set up as a fishery centre in 1979 and has progress remarkably and managed to make a name for itself at various levels through achievements in academic, research, innovation, and student development.

Among the recognitions it has received are the inclusion in Times Higher Education (World University Rankings), Times Higher Education (Impact Rankings), Times Higher Education (World University Rankings by Subject), QS World University Rankings, QS University Rankings (Asia), UI GreenMetric, MyMoheS, Malaysia Research Assessment (MyRA) dan SETARA.

UMT, PETRONAS Collaborate to Improve Employability of East Coast University Graduates

Aminah Azhar, Career & Entrepreneurship Centre



In the spirit of fostering university-industry partnerships, Universiti Malaysia Terengganu (UMT) and Petroleum Nasional Berhad (PETRONAS) have recently co-organised the PETRONAS BeDIGITAL Bootcamp 2023 Eastern Zone programme.

PETRONAS BeDIGITAL Bootcamp is a programme implemented by PETRONAS in collaboration with public universities in Malaysia and focuses on the development of the digital and entrepreneurship fields.

The programme is handled by Petronas Digital Sdn. Bhd with partners such as Microsoft, Seed.Lab, and Petrosains and is in line with the aspiration of the Ministry of Higher Education to strengthen the field of STEM (Science, Technology, Engineering, and Mathematics).

The first-ever programme for the Eastern Zone ran for 14 days and took place at UMT. It was attended by 97 participants from five public universities in the east coast, namely UMT, Universiti Sultan Zainal Abidin (UniSZA), Universiti Malaysia Kelantan (UMK), Universiti Malaysia Pahang Al-Sultan Abdullah (UMPSA), and Universiti Teknologi MARA (UiTM).

Each participant was exposed to a module oriented towards digital skills, such as data translation and processing, and effective presentation skills using the shark tank pitch concept.

A total of 24 UMT students participated in the programme, and six of them have been offered employment with



PETRONAS and its participating partners. A student from the Faculty of Management, Economics, and Social Development, Nurul Ikrimah Omar, has been announced the Best Camper (Woman).

The programme is in line with the Ministry of Higher Education's agenda of managing changes and technological explosion in an effort to empower Malaysian graduates. Participants were guided through various modules to be more competitive in the job market and subsequently land employments that pay premium salaries, allowing the the ministry to fulfill its aspiration.

The closing ceremony held on 13 September was attended by Terengganu State Secretary YBM Tengku Seri Bijaya Raja Dato' Seri Tengku Farok Hussin bin Tengku Abdul Jalil, Senior Vice President of Project & Technology Delivery PETRONAS Datuk Bacho Piong, and principal officers from the public universities involved.

UMT Instils Patriotism During 66th Independence Day Celebration

Amirul Salam Hasan, Corporate Communications Office - UMT

In conjunction with the celebration of Malaysia's 66th Independence Day, UMT took the opportunity to organize several activities in an effort to liven up the special occasion and further instil patriotism in the hearts of every Malaysian especially UMT community.

In line with this year's theme of "Malaysia Madani: Determination of Unity Fulfils Hope," various theme-related activities were held in support of the government's effort to strengthen the unity among society and disseminate its positive inputs as the backbone of stability, peace, and wellbeing of the country.

Among the activities carried out to inculcate the spirit of patriotism were Tik Tok Video Competition, Creative Merdeka Greeting Poster Competition, Writing Competition, Merdeka Domino Challenge, Merdeka Cooking Competition, Poem Recitation, Malaysia Day and Merdeka Online Quiz, Sports Carnival, and Office Decoration Competition.

In support of an event organized by the state agency in conjunction with the Independence Day celebration, UMT also sent a team of 32 staff to participate in the Merdeka march. The event took place on 31 August at Dataran Shahbandar.

In addition, the university also organized other programmes involving the local community to serve as mediums to be closer to the public in order to disseminate knowledge and let more people know about the university's existence.

Through its Sailing Training Centre, UMT organized the Sailing for All programme to introduce the world of sailing to Redang Island community.

The event drew 30 school students who dared to challenge themselves to try the sports of sailing. Afterall, the Terengganu community is synonym with activities related to the sea and sailing.

The event also served as a platform to discover new young talents who can become the next athletes to uplift the sailing sports in the state and the country.



UMT Organizes USR Programme for Semag Beri Community

Amirul Salam Hasan, Corporate Communications Office - UMT

In building a balanced and progressive community, aspects regarding education and good personal hygiene are among those that need to be addressed. For the Orang Asli or indigenous community, meeting these aspects can be quite a challenge. That is why UMT has taken a proactive step to help improve the community's quality of life by conducting university social responsibility programmes. The latest of such events was the recent University Social Responsibility Program with Sungai Berua Village.

"We have held a series of social responsibility programmes for the Orang Asli community," said Professor Dr. Khatijah Omar, Deputy Director of the Institute of Tropical Biodiversity and Sustainable Development, UMT.

"This time we focused on the theme of education and health, where we introduced them to reading, writing, calculating, and colouring activities, and offered free health checkups and held a demonstration on proper personal hygiene such as how to brush their teeth correctly."

The institute often works with other local and international agencies to conduct programmes pertaining to the development of Orang Asli children.

"UMT has the expertise to help the Orang Asli community from being left behind," Professor Khatijah said.

"The university has academic staff who can play an effective role in the development of the community through pertinent research. By collaborating with the Orang Asli community, they can successfully conduct studies relating to issues faced by the community, such as agriculture, educational system, and healthcare.

"We have implemented Orang Asli community development programmes since 2015, and although it has taken quite long, significant changes can be observed today. This effort needs to be continued for better outcomes in the future."

UMT is on the right track in terms of carrying out its responsibility to help the Orang Asli community, Professor Khatijah said.

"This kind of programme can help in the social and economic development of the community," she said.

"The university can help the community achieve a better life by having continued collaborations and organizing knowledge sharing programmes."



According to Professor Khatijah, the Orang Asli community still maintains a tradition and culture based on the natural environment.

"Their life revolves around the natural surroundings, with knowledge about plants, traditional medicine, and a lifestyle that meshes with the environment as being most fundamental," she said.

"However, they face various challenges, such as lack of access to education, healthcare, and basic needs.

"We have earlier set up Jungle School in collaboration with relevant agencies as part of a humanitarian mission to attract the interest of the children of the Semag Beri Orang Asli community at Kg. Sungai Berua to attend school."

4th INTERNATIONAL CONFERENCE ON SOCIAL AND ECONOMICS DEVELOPMENT (ICSED 2023) UNIVERSITI MALAYSIA TERENGGANU

CO-HOST:



“Good Governance on Social & Economics Development” 14-15 NOVEMBER 2023

THEMES:

1. ECONOMICS
2. SOCIAL AND POLICY STUDIES
3. COUNSELLING & PSYCHOLOGY
4. ANY OTHER RELEVANT TOPICS CAN BE CONSIDERED

IMPORTANT DATES:

Abstract Deadline	:15 July 2023
Abstract Acceptance Notification	:15 August 2023
Full Paper Deadline	:15 September 2023
Camera-ready Paper Deadline	:31 October 2023
Conference Date	:14-15 November 2023

CONFERENCE FEE:

PRESENTER (FACE TO FACE)		PARTICIPANT (FACE TO FACE)		ONLINE	
LOCAL	RM 450	LOCAL	RM 100	LOCAL	RM250
INTERNATIONAL	USD200	INTERNATIONAL	USD50	INTERNATIONAL	USD150
STUDENT (LOCAL)	RM300	STUDENT (LOCAL)	RM50	STUDENT (LOCAL)	RM150
STUDENT (INTERNATIONAL)	USD 150	STUDENT (INTERNATIONAL)	USD 25	STUDENT (INTERNATIONAL)	USD100

KEYNOTE SPEAKERS:



PROF. DR. IR. AI KOMARIAH
(UNIVERSITAS WINAYA MUKTI)



PROF. DR. IR. BOB FOSTER
(UNIVERSITAS INFORMATIKA
AND BISNIS INDONESIA)



PROF. DR. CLEVO WILSON
(QUEENSLAND UNIVERSITY OF TECHNOLOGY)

More Info



Email us: icsed@umt.edu.my
Payment Information
<https://www.billplz.com/SeminarUMT>

All accepted paper will be published in chapter in book and selected papers will be recommended for publication in SCOPUS indexed journal (subject to peer-review process and additional fees)

Organized By: Faculty of Business, Economics and Social Development



Call for paper

ICOETI 2023

The International Conference on Ocean Engineering Technology and Informatics 2023

4 - 6 December 2023

Faculty of Ocean Engineering Technology & Informatics
Universiti Malaysia Terengganu

The International Conference on Ocean Engineering Technology and Informatics 2023 (ICOETI 2023) is a sequel to the previous conference of International Postgraduate Ocean Engineering Technology and Informatics 2021 (IPCOETI 2021) organised by the Faculty of Ocean Engineering Technology and Informatics, Universiti Malaysia Terengganu (UMT). This conference aims to provide scholarly platform to participants to share their valuable knowledge and current information with others. This platforms cover all tracks of technology and engineering fields such as maritime, physics and instrumentation, computer science, environmental and mathematics.

Topic

Track 1: Maritime Technology and Engineering
Sub-Track:



- Coastal and Ocean Engineering
- Maritime and Naval Technology
- Underwater Technology
 - Marine Automation and Control

Track 2: Engineering Physics and Instrumentations
Sub-Track:



- Energy Technology
- Renewable Technology
- Materials Science and Engineering
- Manufacturing Technology

Track 3: Computer Science and Engineering
Sub-Track:



- Software Engineering
- Intelligent Systems

Track 4: Environmental Technology and Engineering
Sub-Track:



- Water Quality
- Air Quality
- Water Resources and Hydrology
- Waste Management

Track 5: Engineering Mathematics and Applications
Sub-Track:



- Computational Mathematics
- Marine Data Analytics
- Financial Mathematics

Important Date

Abstract
Submission
15 July 2023

Fullpaper
Submission
31 October 2023



Abstract Acceptance
Notification
30 July 2023

Payment
Dateline
31 October 2023

Fees

REGISTRATION FEE	INTERNATIONAL	LOCAL
Oral (Physical) + Abstract	USD 150	RM 450
Oral (Online) + Abstract (For International Presenter Only)	USD 70	-
Publication	USD 250	RM 1000
Participant	USD 60	RM 250

Publication

Accepted full paper will be published in Journal of Advanced Research in Applied Sciences and Engineering Technology [*subjected to a reviewing process]



Contact Us

ICOETI2023 Secretariat
Faculty of Ocean Engineering
Technology and Informatics,
Universiti Malaysia Terengganu,
21030 Kuala Nerus,
Terengganu, MALAYSIA



+609-668 3977/3220/ 3374



icoeti@umt.edu.my



icoeti.umt.edu.my

FUSE 2023



FOOD SUSTAINABILITY & SECURITY:
AN INTERNATIONAL CONFERENCE

• 9 - 12 OCTOBER 2023 •



FOOD SUSTAINABILITY & SECURITY: AN INTERNATIONAL CONFERENCE "Innovations In Aqua and Agro Foods"

Special Rates!
Please E-mail for details
 • UMT staffs
 • UMT students
 • International Partners

Sub-Theme

- Policy and Governance in Food Production
- Fisheries and Aquaculture
- Local Food System and Community Resilience: Small Scale Producers and Urban Aquaculture/ Agriculture
- Innovations in Food Systems for Functional and Future Foods
- Food Security and Community Nutrition
- Climate Change and Aquaculture/ Agriculture: Addressing the Impacts of Extreme Weather Event on Food Production
- Education and Awareness in Promoting Sustainable Food Production and Consumption
- Advancement in Agro and Food Technology (Biotechnology, Nanotechnology, Precision Farming, Mobile Application, IoT, Sensors, Drones, Blockchain, 3D Printing, etc)
- Food Tourism and Hospitality
- Agro Bussiness and Marketing

Fees

PRESENTER	
Local (Delegation)	RM550
Local (Student)	RM350
International	USD190
International (Online)	USD90
PARTICIPANT ONLY	
Local	RM350
International	USD125

Venue

Universiti Malaysia Terengganu,
Terengganu, *Malaysia*

Deadlines

- Abstract Submission: 15th Sep 2023
-31st Aug 2023-
- Notification of Acceptance: 22nd Sep 2023
-7th Sep 2023-
- Registration: 30th Sep 2023
-15th Sep 2023-
- Full Paper Submission: 15th Nov 2023

FUSE now is accepted for the Special Issue in:

1. Planetary Sustainability
2. Journal of Sustainability Science and Management Q3

Selected paper will be published in: *Additional Fees Applied

1. Microbiome - IF WOS (2021) - 16.837
2. Biotechnology For Biofuels & Bioproducts - IF WOS (2021) - 7.862
3. Environmental Microbiome - IF WOS (2021) - 6.360
4. Microbial Cell Factories - WOS (2021) - 6.496
5. Fungal Biology & Biotechnology - IF SCOPUS (2021) - 5.707

Organized by: **FPSM** FAKULTI PERIKANAN & SAINS MAKANAN

UMT **AKUATROP HICoE**

International Partners: UNIVERSITY OF SASKATCHEWAN **SRUC**

For registration,
Visit our website
<https://fuse.umt.edu.my/>

SCAN FOR MORE INFO!

