



GREEN @

UGC NEWSLETTER UiTM



SUSTAINABLE CAMPUS AGENDA

FOREWORD FROM UGC DIRECTOR

In the face of growing environmental challenges and the urgent call for global action, sustainability has become more than a goal—it is a responsibility we all share. At Universiti Teknologi MARA (UiTM), our commitment to sustainability is deeply rooted in our vision to shape a greener, more resilient future for our communities and beyond.

This Sustainability Newsletter serves as a platform to showcase UiTM's ongoing efforts, initiatives, and innovations in promoting environmental stewardship, energy efficiency, sustainable development, and social well-being. From campus-wide green initiatives to student-led projects, this publication highlights the collective progress we are making in aligning with the United Nations Sustainable Development Goals (SDGs).

Through this issue, we aim to raise awareness, inspire change, and foster a culture of sustainability among our staff, students, and stakeholders. Every small step—from reducing waste to conserving water and embracing renewable energy—brings us closer to building a campus that not only thrives today but also safeguards the needs of future generations.

Let this newsletter be a reminder that sustainability is a shared journey, and every contribution counts. Together, let us continue to cultivate knowledge, champion eco-conscious practices, and lead by example for a sustainable tomorrow.

ASSOC. PROF Ts. DR KHAIRI KHALID

Director
UiTM Green Centre (UGC)

**explore more sustainability
initiatives and discover how you
can contribute to a greener
workplace!**



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UiTM Green Centre



Uitmgreencentre



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UiTM Green Centre background



VISION

**TO BE AT THE FOREFRONT OF SUSTAINABILITY INITIATIVES
AT UiTM, BOTH HOLISTICALLY AND SYSTEMATICALLY.**

TAGLINE

GREENER AND HEALTHIER LIFESTYLE.

MISSION

**TO ADVOCATE UiTM AS A SUSTAINABLE GREEN CAMPUS
THROUGH GREEN LIFESTYLE AND SUSTAINABLE PRACTICES**

The establishment of the UiTM Green Centre (UGC) was approved during the MEU Meeting (34/2 2020) on 21 October 2020, under the portfolio of the Deputy Vice Chancellor of Development, Universiti Teknologi MARA (UiTM). This initiative aligns with UiTM's Strategic Plan 2025, specifically Strategic Theme 8 (Smart Campus), and aims to uphold the sustainability agenda of the university, the community, and the world.

UGC promotes a dynamic and diverse approach in its operations. Its core members are appointed from within the UiTM community and are supported by an Expert Task Force (ETF) comprising faculty members and multidisciplinary experts who share a strong passion and commitment to advocating for the university's sustainability agenda.

EDITORIAL TEAM



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This newsletter displays and reports on general information about sustainability, the latest activity for sustainability in UiTM, including the achievements and successes.

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ACHIEVEMENTS, RECOGNITIONS & ACTIVITIES

UITM RECEIVED 5 DIAMOND AWARD IN LCC 2030

11 FEB 2026 – UNIVERSITI TEKNOLOGI MARA (UiTM) ACHIEVED ANOTHER SUSTAINABILITY MILESTONE AS SECTION 1 UiTM AND THREE BUILDINGS AT UiTM SHAH ALAM RECEIVED THE 5 DIAMOND RATING UNDER THE LOW CARBON CITIES 2030 CHALLENGE (LCC2030). ORGANISED BY THE MALAYSIAN GREEN TECHNOLOGY AND CLIMATE CHANGE CORPORATION (MGTC), THE AWARD RECOGNISES ORGANISATIONS DEMONSTRATING EXCELLENCE IN REDUCING GREENHOUSE GAS (GHG) EMISSIONS AND ADVANCING SUSTAINABILITY.



8-10 APRIL 2026 – UiTM GREEN CENTRE, IN COLLABORATION WITH THE DEVELOPMENT DEPARTMENT, ORGANISED THE 2026 UiTM GREEN CAMPUS AND SUSTAINABILITY MANAGEMENT ENHANCEMENT WORKSHOP AT ILD NILAI, NEGERI SEMBILAN. THE WORKSHOP GATHERED UGC COORDINATORS FROM UiTM BRANCH CAMPUSES AND FACULTIES TO STRENGTHEN SUSTAINABILITY IMPLEMENTATION IN SUPPORT OF UiTM'S 2026-2030 SUSTAINABILITY POLICY AND STRATEGIC DIRECTION.



KEY ACHIEVEMENTS, MILESTONES, AND RECOGNITIONS

4 MAY 2026 – UiTM GREEN CENTRE CONDUCTED THE FINAL DRAFT DISCUSSION ON THE EV CHARGING GUIDELINES FOR UiTM CAMPUSES AT THE DEVELOPMENT DEPARTMENT, UiTM SHAH ALAM. THE DRAFT WAS PRESENTED BY GS TS SR DR. MUHAMMAD AZWAN SULAIMAN, UGC COORDINATOR, TO THE DEPUTY VICE-CHANCELLOR (DEVELOPMENT), PROF. SR DR. MD YUSOF HAMID, TOGETHER WITH EXPERT REPRESENTATIVES FROM VARIOUS DEPARTMENTS.



7-8 MAY 2026 – UiTM GREEN CENTRE SUCCESSFULLY ORGANISED THE UI GREENMETRIC RANKING WORKSHOP SERIES 3 AT ILD NILAI, NEGERI SEMBILAN. THE WORKSHOP SERVED AS THE FINAL STAGE OF DATA COMPILATION, REVIEW, AND REFINEMENT TO SUPPORT UiTM'S SUBMISSION FOR THE UI GREENMETRIC WORLD UNIVERSITY RANKINGS 2025.



KEY ACHIEVEMENTS, MILESTONES, AND RECOGNITIONS

22 MAY 2026 – UiTM GREEN CENTRE (UGC) SUCCESSFULLY SUBMITTED ITS REPORT FOR THE LANGKAWI ENVIRONMENTAL SUSTAINABILITY AWARD (ALKAS) 2025/2026 TO THE DEPUTY VICE-CHANCELLOR (DEVELOPMENT), PROF. SR TS. DR. MD YUSOF HAMID, AND THE DEPARTMENT OF ENVIRONMENT (DOE). THE AWARD RECOGNISES OUTSTANDING CONTRIBUTIONS BY INDIVIDUALS AND ORGANISATIONS TOWARDS ENVIRONMENTAL CONSERVATION AND SUSTAINABILITY IN MALAYSIA.



21-22 MAY 2026 – UiTM GREEN CENTRE SUCCESSFULLY ORGANISED THE SUSTAINABLE CAMPUS RATING PREPARATION WORKSHOP FOR THE KAMPUS LESTARI ANUGERAH ALAM SEKITAR (KLAAS) AT ILD BANDAR ENSTEK, NEGERI SEMBILAN. THE WORKSHOP FOCUSED ON STRENGTHENING UiTM'S PREPARATION AND COORDINATING DOCUMENTATION FOR THE KLAAS SUSTAINABILITY ASSESSMENT.



KEY ACHIEVEMENTS, MILESTONES, AND RECOGNITIONS

19 JUNE 2026 – UiTM CONTINUED TO ADVANCE ITS SUSTAINABILITY AGENDA WITH THE INTRODUCTION OF ELECTRIC VEHICLE (EV) CHARGING FACILITIES ON CAMPUS. THIS INITIATIVE SUPPORTS GREEN MOBILITY AND STRENGTHENS UiTM'S COMMITMENT TO IMPROVING ITS PERFORMANCE IN THE UI GREENMETRIC WORLD UNIVERSITY RANKINGS 2026.



30 JUNE 2026 – UiTM GREEN CENTRE (UGC) PARTICIPATED IN THE BICARA ALAM FORUM ORGANISED BY KOLEJ KEDIAMAN MAWAR. REPRESENTED BY GS TS SR DR. MUHAMMAD AZWAN SULAIMAN, UGC SHARED UiTM'S SUSTAINABILITY POLICIES, INITIATIVES, AND ACHIEVEMENTS, FOSTERING GREATER AWARENESS OF THE UNIVERSITY'S COMMITMENT TO SUSTAINABLE DEVELOPMENT.



ACADEMY OF CONTEMPORARY ISLAMIC STUDIES

"SAVE ENERGY, SUSTAIN THE FUTURE" CAMPAIGN
PROMOTES A CULTURE OF SUSTAINABILITY AT ACIS UiTM



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Studies (ACIS), UiTM Shah Alam

To promote the sustainable use of resources among the campus community, the UiTM Green Centre (UGC) of the Academy of Contemporary Islamic Studies (ACIS) launched the "Save Energy, Sustain the Future" Water and Electricity Conservation Awareness Campaign. The campaign commenced on 1 May 2026 and will continue until the end of 2026 at Cempaka 5 Building, ACIS, UiTM Shah Alam.

The initiative features the installation of reminder stickers and signage at strategic locations, including light switches, water taps, lecture rooms, restrooms, and administrative offices. Awareness messages are also disseminated through posters and internal communication platforms. The campaign actively involves students, academic staff, and administrative personnel, fostering a shared sense of responsibility and collaboration in advancing the faculty's sustainability agenda.

The campaign encourages simple yet impactful daily practices, such as switching off electrical appliances when not in use, conserving water and energy, and avoiding unnecessary resource consumption. These efforts aim to strengthen environmental awareness and promote responsible resource management within the ACIS community. This initiative supports UiTM's Green Campus agenda and contributes to the United Nations Sustainable Development Goals (SDGs), particularly SDG 6 (Clean Water and Sanitation), SDG 7 (Affordable and Clean Energy), SDG 12 (Responsible Consumption and Production), and SDG 13 (Climate Action). Through this campaign, ACIS hopes to cultivate a lasting culture of sustainability among its campus community.

ACIS Mega Gotong-Royong Programme Fosters a
Culture of Sustainability Among the UiTM Community

Author :
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As a continuation of the Water and Electricity Conservation Awareness Campaign, the UiTM Green Centre (UGC) ACIS, in collaboration with the ACIS Welfare Body and the ACIS Infrastructure Committee, organised the ACIS Gotong-Royong 2.0 Programme with the theme "Sustainable ACIS, Shared Responsibility" on 22 May 2026 at Cempaka 5 Building, Academy of Contemporary Islamic Studies (ACIS), UiTM Shah Alam.

The programme involved approximately 90 ACIS members, comprising academic staff, administrative staff, and student representatives. Activities included cleaning and reorganising storage rooms on all four levels of the Cempaka 5 Building, disposing of unused furniture and equipment, repairing and repainting students' wooden chairs, as well as beautifying the Knowledge Garden (Laman Ilmu) and student spaces.

The programme reflects the shared commitment of the ACIS community to fostering sustainable practices through more systematic management of space and assets, the reuse of facilities that are still in good condition, and the continuous maintenance of the campus environment. In addition to creating a cleaner, safer, and more conducive environment, the programme also strengthened teamwork, responsibility, and appreciation for university facilities among ACIS members.

The ACIS Gotong-Royong 2.0 Programme also supports UiTM's Green Campus agenda and the United Nations Sustainable Development Goals (SDGs), particularly SDG 11 (Sustainable Cities and Communities), SDG 12 (Responsible Consumption and Production), and SDG 13 (Climate Action). Through the approach of "From Awareness to Sustainable Action," the programme serves as an important platform for strengthening the culture of sustainability, which is the core of the ACIS Green Centre Unit's activities.

FACULTY OF BUILT ENVIRONMENT

"Sustainable Classroom: Cultivating a Culture of Sustainability Through Learning Spaces"



Author : Dr. Nurul Asyikin Ibharim
Programme Date: 19 June 2026

SHAH ALAM, 19 June 2026 – Guided by the aspiration of fostering a sustainable campus culture, the Landscape Management and Amenity Association, in collaboration with the Space Committee, Landscape and Amenity Management Programme, Faculty of Built Environment, Universiti Teknologi MARA (UiTM) Shah Alam, organised the Sustainable Classroom Programme on 19 June 2026 to promote responsibility, teamwork, and appreciation for shared learning spaces.

The programme was officiated by Ts. Dr. Nor Hanisah Mohd Hashim, Head of Undergraduate Studies (Landscape and Amenity Management), who highlighted the importance of maintaining a conducive learning environment through shared responsibility. The programme began with a Surah Yasin recitation, followed by Sustainable Classroom activities that encouraged students to create cleaner, more organised, and comfortable learning spaces while fostering a sense of ownership towards university facilities.

The initiative emphasised that sustainability begins with simple yet consistent daily practices, such as respecting shared spaces, using facilities responsibly, and maintaining a clean and conducive learning environment. It also strengthened teamwork, communication, and collective responsibility among students. The programme supports UiTM's commitment to the United Nations Sustainable Development Goals (SDGs), particularly SDG 4 (Quality Education), SDG 11 (Sustainable Cities and Communities), and SDG 12 (Responsible Consumption and Production). It demonstrates that meaningful progress towards a sustainable campus begins with positive values, everyday actions, and the shared commitment of the university community.

OUR MANGROVE FOREST CONSERVATION PROGRAM (PELIHARA HUTAN PAYA BAKAU KITA)



Author : Dr. Che Bon Ahmad
Programme Date: 25 April 2025

The Our Mangrove Forest Conservation Program (PeliHara Hutan Paya Bakau Kita) was organised by the Faculty of Built Environment, UiTM Shah Alam and DRB-HICOM Berhad, in collaboration with The King Scout Malaysia and MyPARKS, at Tanjung Karang, Kuala Selangor. The programme continued the mangrove planting initiative launched on 26 June 2025 and aimed to address climate change and biodiversity loss through environmental conservation and community engagement.

The programme involved school students and the local community in sustainability talks, interactive mangrove conservation activities, colouring, and crossword competitions, with approximately 90 participants. It also received support from the Selangor State Forestry Department, Institute for Biodiversity and Sustainable Development (IBSD) UiTM, and several strategic partners, reflecting a shared commitment to environmental sustainability and social responsibility.

FACULTY OF CIVIL ENGINEERING

RIVER RANGER INDEX (RRI): A MODEL FOR SURFACE WATER MONITORING



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SHAH ALAM, 9 May 2026

The Faculty of Civil Engineering, Universiti Teknologi MARA (UiTM) Shah Alam organised the "River Ranger Index (RRI): A Model for Surface Water Monitoring" programme at the Sungai Kayu Ara catchment area, Damansara, Kuala Lumpur. Led by Ts. Dr. Azianabiha A. Halip, the programme involved 15 Master of Environmental Engineering students enrolled in the ECW746 Environmental Monitoring course.

The programme adopted the River Ranger methodology developed by the Global Environment Centre (GEC), providing students with hands-on experience in river mapping, habitat observation, physical river assessment, and basic water quality monitoring. Invited facilitators from UiTM and Universiti Tunku Abdul Rahman (UTAR) guided the field activities and shared their expertise in river quality assessment.

Through fieldwork, group discussions, and presentations, students strengthened their technical, analytical, and problem-solving skills while gaining a deeper understanding of sustainable river management and community-based environmental monitoring.

The programme also supported the United Nations Sustainable Development Goals (SDGs), particularly SDG 4: Quality Education, SDG 6: Clean Water and Sanitation, and SDG 15: Life on Land, reflecting UiTM's commitment to producing environmentally responsible graduates equipped with practical skills in sustainable water resource management.

Academic Visit to Putrajaya Dam and Wetlands



Author :
Ir. Ts. Dr. Adiza Jamadin, Ir. Dr. Jalina Kassim
12 June 2026

The Concrete Society Malaysia (CSM) Student Chapter, Faculty of Civil Engineering, Universiti Teknologi MARA (UiTM) Shah Alam, organised an academic visit to Putrajaya Dam and Putrajaya Wetlands, involving 83 students and three accompanying lecturers. Conducted in collaboration with Perbadanan Putrajaya (PPj), the programme aimed to expose students to real-world applications of civil engineering in water resource management, dam engineering, and constructed wetland systems. Participants attended technical briefings by PPj officers and explored the dam's flood control system, hydraulic structures, geotechnical safety monitoring, and the role of Putrajaya Wetlands in naturally improving water quality before it flows into Putrajaya Lake. The visit provided valuable insights into sustainable water management and green infrastructure.

The programme strengthened students' understanding of dam engineering, hydraulic systems, and environmental sustainability while enhancing their communication, teamwork, and critical thinking skills through experiential learning. The academic visit also supported the United Nations Sustainable Development Goals (SDGs), particularly SDG 4: Quality Education, SDG 6: Clean Water and Sanitation, SDG 9: Industry, Innovation and Infrastructure, and SDG 11: Sustainable Cities and Communities, reflecting UiTM's commitment to producing industry-ready graduates with practical knowledge and sustainable engineering perspectives.

International Beach Clean Up 2026 Strengthens Environmental Sustainability Awareness



Author :
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Edited by:
Dr. Maisarah Abdul Hamid

UiTM Terengganu Branch successfully organised the International Beach Clean Up 2026 programme along the coastline from UiTM Dungun Campus to Desa Dungun Golf Club. The programme brought together 94 participants, including UiTM students and staff, members of Geng Plastik Ijau (GPI), the local community, and international students from Indonesia, Thailand, and India participating in the Heritage 2026 Programme. The initiative aimed to promote environmental sustainability by raising awareness of coastal conservation and protecting marine ecosystems from pollution. Participants took part in a plogging activity, collecting various types of waste, including plastic bottles, food packaging, polystyrene, beverage cans, and fishing lines. A total of 203.01 kg of litter was collected, significantly improving the cleanliness of the beach while providing participants with valuable hands-on learning about environmental conservation. The programme also encouraged cross-cultural exchange, with international participants sharing perspectives on environmental conservation practices in their respective countries, reinforcing the importance of collective global action. The programme supported the United Nations Sustainable Development Goals (SDGs), particularly SDG 12: Responsible Consumption and Production, SDG 13: Climate Action, SDG 14: Life Below Water, and SDG 17: Partnerships for the Goals, reflecting UiTM's commitment to environmental stewardship and sustainable community engagement.

EcoEd: Santuni Alam 4.0 Promotes Environmental Sustainability Awareness



Author :
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Edited by:
Dr. Maisarah Abdul Hamid

UiTM Terengganu Branch, through its servicing lecturers, the Student Consumer Movement Club (GPS), and the Islamic Mind Club (KMI), successfully organised EcoEd: Santuni Alam 4.0 at Pantai Pandak, Chendering. Led by Dr. Najdah Abd Aziz, the programme involved 69 participants, including UiTM staff and students, community representatives, and partners from the Terengganu Department of Environment (DOE), the Ministry of Domestic Trade and Cost of Living (KPDN), Geng Plastik Ijau (GPI), and the local community. The programme aimed to strengthen environmental awareness and promote sustainable waste management through beach clean-up activities and educational talks on solid waste management, proper waste disposal, environmental stewardship from an Islamic perspective, and reducing single-use plastics. Approximately 300 kg of waste was collected, contributing to a cleaner coastal environment. The initiative enhanced participants' understanding of environmental conservation while fostering volunteerism, social responsibility, and community engagement. It also demonstrated the importance of collaboration between universities, government agencies, NGOs, and local communities in promoting sustainable environmental practices. The programme supported the United Nations Sustainable Development Goals (SDGs), particularly SDG 12: Responsible Consumption and Production, SDG 13: Climate Action, SDG 14: Life Below Water, and SDG 17: Partnerships for the Goals, reflecting UiTM's commitment to environmental sustainability and community engagement.

3R Recycling Counter Cultivates a Sustainable Culture Among the UiTM Community

Author :
Maizatul Akmar Mohammud
Edited by:
Dr. Maisarah Abdul Hamid



UiTM Terengganu Branch successfully organised the 3R Recycling Counter: Sustainable Practices for the UiTM Community at the Non-Resident Activity Centre. Organised by the Quality Unit, EKSA, and the Facilities Management Division, the programme aimed to promote the Reduce, Reuse, and Recycle (3R) culture among students, staff, and the local community. A total of 54 participants, including students, academic staff, administrative staff, and community representatives, took part in the initiative by bringing recyclable materials collected from their homes and workplaces. The programme successfully collected 1,535 kg of recyclable materials, demonstrating the UiTM community's strong commitment to sustainable waste management and environmental conservation.

The initiative encouraged responsible waste management, reduced solid waste generation, promoted recycling practices, and strengthened community participation in environmental sustainability efforts. It also reinforced UiTM Terengganu's commitment to becoming a Green Campus through continuous sustainability initiatives.

The programme supported the United Nations Sustainable Development Goals (SDGs), particularly SDG 12: Responsible Consumption and Production, SDG 13: Climate Action, and SDG 17: Partnerships for the Goals, reflecting UiTM's dedication to fostering environmental responsibility and sustainable community engagement.

Teen Deen Squad (TDS): The Explore Race Builds Confidence Through Sustainable Activities



Author : Nur Asyikin Ahmad Nazri

The Teen Deen Squad (TDS): The Explore Race programme was successfully conducted with the participation of 10 teams from the UiTM Dengkil Foundation Centre. The programme combined team-based challenges with sustainability education, promoting teamwork, communication, self-confidence, and environmental responsibility. Participants completed two sustainability-focused tasks: waste segregation and recycling. In the waste segregation activity, students identified and sorted different types of waste, including plastics, bottles, paper, and other materials, into the appropriate recycling bins. They also delivered recyclable items such as plastic bottles, paper, and cardboard to the designated recycling collection centre, reinforcing the importance of responsible waste management.

Programme evaluation showed high participant satisfaction, with students reporting improved self-confidence, stronger teamwork, and greater awareness of sustainable practices in their daily lives. By integrating character development with environmental education, the programme demonstrated that simple everyday actions, such as waste segregation, recycling, and maintaining campus cleanliness, can contribute significantly to environmental sustainability. The initiative also reflects UiTM's commitment to nurturing responsible and environmentally conscious students.

Preloved Raya Clothing Donation Drive 2026 Promotes Sustainability and Community Care



Author:

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Haris, and Nor Hafizah A. Hamid
DENGKIL, 20 January–6 February 2026

The Mathematics Unit, UiTM Selangor Branch Foundation Centre, Dengkil Campus, successfully organised the Preloved Raya Clothing Donation Drive 2026 to collect quality pre-loved festive clothing for families in need ahead of Hari Raya Aidilfitri. Throughout the programme, staff and students donated clothing in good condition, which was carefully inspected, sorted, folded, and categorised before being distributed to the local community. The initiative promoted the practice of reusing clothing, helping to reduce textile waste while encouraging responsible consumption and social responsibility.

The donation ceremony was held at Megah Villa Apartment Hall, Kota Warisan, where the collected clothing was presented to community representatives. The programme was well received and strengthened the relationship between UiTM and the local community while bringing joy to families preparing for the festive season.

The initiative supported the United Nations Sustainable Development Goals (SDGs), particularly SDG 1: No Poverty, SDG 12: Responsible Consumption and Production, and SDG 17: Partnerships for the Goals, reflecting UiTM's commitment to sustainability, volunteerism, and meaningful community engagement.

KUDAH 3.0 Promotes Environmental Sustainability Through Plogging at Tasik Cempaka



Author :

Nur Asyikin Ahmad Nazri and Nurulhuda Adabiah Mustafa
BANDAR BARU BANGI, 2 May 2026

KUDAH 3.0 (Kutip Sampah Sambil Riadah) was successfully held at Tasik Cempaka, bringing together community members, volunteers, and strategic partners for a plogging activity that combined recreational exercise with environmental conservation. The programme was organised in collaboration with Sahabat Sungai Malaysia, Universiti Kebangsaan Malaysia (UKM), the UKM Faculty of Engineering and Built Environment, the UiTM Foundation Centre, the Selangor Water Management Authority (LUAS), Surau As-Siddiq, and Indah Water Konsortium. Participants covered a 2 km route around the lake while collecting litter, promoting responsible waste management and environmental awareness. The programme was further strengthened by the participation of Prof. Zaini Ujang, who supported the community-based sustainability initiative.

KUDAH 3.0 encouraged healthy living, civic responsibility, and environmental stewardship by demonstrating how simple actions, such as picking up litter during recreational activities, can create a positive impact when carried out collectively. The programme supported the United Nations Sustainable Development Goals (SDGs), particularly SDG 3: Good Health and Well-being, SDG 11: Sustainable Cities and Communities, SDG 12: Responsible Consumption and Production, and SDG 17: Partnerships for the Goals, reflecting a shared commitment to cleaner, healthier, and more sustainable communities.

Residential Colleges Champion Sustainable Campus Living



Author :Ts Dr Noorsaidi Mahat, Dr. Valerie Micheal, Ts Madeleine Elna Perreau & Nurul Amy Azura Hishamuddin
16 February 2026

The Programme Lestari@kolejkediaman, UiTMCS Green Campus Programme was held at Ruai Penggawa, Universiti Teknologi MARA Sarawak Branch, Samarahan Campus. Organised jointly by the Campus Sustainability Committee and UiTM Green Centre (UGC), together with the Student Residence and Hospitality Unit (URHP), Student Affairs Division, the programme was officiated by Professor Firdaus Abdullah the Rector of UiTM Sarawak Branch and attended by Associate Professor Dr. Saimi Bujang, Deputy Rector of Student Affairs, Ts. Dr. Noorsaidi Mahat, Coordinator of the Sustainability Committee and UGC, members of the College Representative Committee (JPK), food vendors and invited guests.

The programme reflects the university's commitment to strengthening its Green and Sustainable Campus agenda by emphasising the involvement of students and residential college communities as key drivers of grassroots change. Among the initiatives introduced were the Bring Your Own Container (BYOC) campaign, Plastic Free Wednesdays, a plastic usage charge to support the Campus Sustainability Fund, the provision of reusable bags, and activities aimed at promoting the physical and mental well being of the campus community. These initiatives are aligned with the 17 Sustainable Development Goals (SDGs) and the university's sustainability agenda in fostering a more environmentally responsible campus culture. With the commitment and support of the entire campus community, UiTM Sarawak remains confident in achieving its vision of becoming a more sustainable, healthy and resilient campus for future generations.

UiTM Sarawak and Sarawak Energy Strengthen Sustainability Partnership Through Tree Planting Campaign



Author : Ts. Dr. Noorsaidi Mahat, Ts. Millaa-Armilla Asli, Dr Syahira binti Jos & Janet Victoria Ak Stia

Universiti Teknologi MARA Sarawak Branch (UiTMCS) reaffirmed its commitment to sustainability through the Sarawak Energy Tree Planting, Habitat Protection and Restoration Campaign 2021–2030, held at Dewan Jubli, UiTMCS Samarahan Campus. Organised in collaboration with Sarawak Energy Berhad (SEB), the initiative forms part of SEB's target of planting 500,000 trees by 2030, contributing significantly to environmental conservation and carbon reduction efforts. The programme was attended by representatives from SEB and the management of UiTMCS, including Associate Professor Dr. Saimi Bujang, Associate Professor Dr. Abdul Razak Abdul Kadir, Ts. Dr. Noorsaidi Mahat as Coordinator of Sustainability and the UiTM Green Centre (UGC), Mr. Henry Teh from Digiland, as well as SEB personnel and UiTMCS students. The campaign marked the third consecutive year of collaboration between SEB and UiTMCS, reflecting the growing strategic partnership in promoting campus greening initiatives and fostering a culture of sustainability within the university community. Aligned with the aspirations of the Sustainable Development Goals (SDGs), the programme also emphasised the development of graduates who are not only academically competent but also environmentally and socially responsible. UiTMCS remains committed to strengthening its green campus agenda through various sustainability initiatives, including Low Carbon Week, plogging activities and environmental awareness programmes, towards creating a greener, more sustainable and resilient campus for future generations.

UiTM Sarawak Launches Green, Low Carbon and Sustainable Campus Initiative



Author: Ts Dr. Noorsaidi Mahat, Dr Nor Diana binti Abdul Halim, & Ts. Dzuliqyan Jasni

Universiti Teknologi MARA Sarawak Branch (UiTMCS) marked a significant milestone in its sustainability transformation journey with the launch of the Green, Low Carbon and Sustainable Campus Initiative at the Student Centre, UiTMCS Samarahan Campus. The initiative, led by the Campus Sustainability Committee (LESTARI) and the Student Residence and Hospitality Unit (URHP), introduced ten new sustainability initiatives aimed at strengthening the university's commitment towards a greener and more environmentally responsible campus.

The event was attended by members of the university management, Professor Dr Firdaus Abdullah Rector, including Associate Professor Dr. Saimi Bujang, Deputy Rector of Student Affairs, Professor Ir. Dr. Juferi Idris, Deputy Rector of Research and Industrial Linkages, Associate Professor Dr. Abdul Razak Abdul Kadir, Assistant Rector of Samarahan 2 Campus, and Ts. Dr. Noorsaidi Mahat, Coordinator of the UiTMCS Sustainability Committee. The launch also featured several key green initiatives, including the introduction of Water Refill Stations (WRS), Water Thimble Devices (WTD) and Air Quality Sensors (AQS), alongside the appointment of the UiTM Rakan Alam Sekitar Ambassadors (URASA) Sarawak to serve as sustainability champions among students.

The Low Carbon Campus initiative represents more than a simple awareness campaign; it reflects UiTMCS's long-term commitment to embedding sustainable practices and green lifestyles among students, staff, vendors and strategic partners. Key initiatives include reducing single-use plastics, promoting the 5R principles, improving energy and water efficiency, enhancing campus greening efforts and encouraging green mobility to reduce carbon emissions. Through these efforts, UiTMCS aims to strengthen its contribution towards the Sustainable Development Goals (SDGs) and Environmental, Social and Governance (ESG) agenda while positioning itself as a leading model of a sustainable and low-carbon university campus by 2030.

UiTM Sarawak Launches Car-Free Hours and Plogging Day 2026



Author : Ts. Dr. Noorsaidi Mahat, Suhardi Kram & Mohd Zul Aswad Zulkifli

Universiti Teknologi MARA Sarawak Branch (UiTMCS) marked another milestone in its sustainability transformation journey with the launch of the Car Free Hours and Plogging Day 2026 Programme in conjunction with the Green Campus Movement 2026 (GCM2026) at the Student Centre, UiTMCS Samarahan Campus. Organised by the Campus Sustainability Committee (LESTARI) and the Student Residence and Hospitality Unit (URHP), the programme forms part of the university's broader Low Carbon Campus (LCC) agenda and ongoing commitment to fostering a greener and more sustainable campus environment.

The event made history as, for the first time, all vehicles were prohibited from entering the UiTMCS Samarahan Campus for three hours, from 6.30 a.m. to 9.30 a.m. Although implemented for a limited period, the initiative represents an important first step towards promoting sustainable mobility practices and reducing carbon emissions within the campus community. The launch was attended by Professor Dr. Firdaus Abdullah, Rector of UiTM Sarawak, Associate Professor Dr. Saimi Bujang, Deputy Rector of Student Affairs, Puan Siti Nur Aisshah Jaafar, Chairperson of PEWANI UiTMCS, Ts. Dr. Noorsaidi Mahat, Coordinator of the UiTMCS Sustainability Committee, En. Suhardi bin Kram, Programme Coordinator, members of the organising committee, students and invited guests.

The programme also highlighted the importance of collective participation in achieving sustainability goals. Building upon previous initiatives such as tree planting programmes, reductions in utility and paper consumption, and the installation of water refill stations across campus, UiTMCS continues to encourage environmentally responsible practices among its community. Through initiatives such as plogging and sustainable mobility, the university aims to cultivate a culture of environmental stewardship and position itself as a leading model for green campus development and sustainable higher education in Malaysia.

Car-Free Hours and Plogging Day Deliver Significant Improvement in Campus Air Quality



Author : Ts. Dr. Noorsaidi Mahat, Suhardi Kram, & Dr Malyana binti Samsuddin

The implementation of the Car-Free Hours and Plogging Day 2026 Programme under the Green Campus Movement 2026 (GCM2026) has demonstrated encouraging early results, with a significant improvement in air quality recorded at Universiti Teknologi MARA Sarawak Branch (UiTMCS), Samarahan Campus. For the first time, all vehicles were prohibited from entering the campus for three hours, from 6.30 a.m. to 9.30 a.m., highlighting how small collective actions can generate meaningful environmental benefits.

Data collected through the newly installed Air Quality Sensor (AQS), one of the green initiatives introduced during the recent launch of the Low Carbon Campus programme, revealed a substantial reduction in particulate matter concentrations. The average PM2.5 concentration recorded between 10.00 a.m. and 11.00 a.m. on 16 June 2026 was 17 µg/m³, categorised as Moderate. On the following day, under the Car-Free Hours initiative, the reading dropped significantly to only 2 µg/m³, achieving a Good air quality classification.

The remarkable 88.2% reduction in PM2.5 concentration provides strong evidence that reducing vehicle usage and encouraging active mobility through activities such as plogging can contribute directly to lower carbon emissions and improved environmental quality on campus. The results reinforce UiTMCS's commitment to its Low Carbon Campus agenda and demonstrate that sustainability initiatives can produce measurable and meaningful impacts for the campus community and future generations.

THE WORLD GREEN AND SUSTAINABILITY SUMMIT



Author :

Dr. Mohd Faizal Achoi, Ch.M. Dr. Rafidah Selaman, and Dr. Ajis Lepit
UiTM Sabah Branch
KOTA KINABALU, 25 May 2026

Universiti Teknologi MARA (UiTM) Sabah Branch participated in the World Green Summit 2026 held at the BoardRoom B, Shangri-La Tanjung Aru, Kota Kinabalu, Sabah. The summit, themed “Advancing Planet, People, Prosperity and Partnership”, brought together international delegates and sustainability experts to discuss global environmental challenges and green development initiatives. The summit featured discussions on key issues including greenhouse gas emissions, climate change, pollution mitigation, green economy, environmental policies, climate diplomacy, natural heritage conservation, and blue economy development. International representatives from Cambodia, Hong Kong, Singapore, and Australia shared insights on sustainability strategies, collaborative solutions, and future green initiatives.

The event was officiated by The Right Honourable Chief Minister of Sabah, Datuk Seri Panglima Haji Hajiji bin Haji Noor, and attended by The Governor of Sabah, Tun Datuk Seri Panglima (Dr.) Musa bin Haji Aman, who presented the World Green Sustainability Excellence Awards.

UiTM Sabah Branch was represented by Dr. Mohd Faizal Achoi, UGC Coordinator of UiTM Sabah Branch, together with UGC committee members Ch.M. Dr. Rafidah Selaman, Dr. Jain Yassin, and Dr. Ajis Lepit. The participation highlights UiTM's commitment towards promoting sustainability, green innovation, and global collaboration in addressing environmental challenges.

GREEN TRASH COLLECTION FACULTY OF APPLIED SCIENCES WITH UiTM GREEN CENTRE



AUTHOR:
HILLYANNIE, VIVIAN, DR. LO CHOR WAI, DR. MOHD FAIZAL ACHOI, DR. AJIS LEPIT, AND TS. SITI AMINAH MOHAMMAD
UiTM SABAH BRANCH
KOTA KINABALU, 10 JANUARY 2026

The “Free Trash Mission” community service programme was successfully conducted at Tanjung Lipat Beach, Likas, Sabah through a collaboration between the Faculty of Applied Sciences, the Scienergy Association, and the UiTM Green Centre (UGC), UiTM Sabah Branch. The programme, themed “Clean Beach, Prosperous Community”, aimed to promote environmental awareness and social responsibility among students and the local community. The programme involved approximately 60 students from the Diploma of Science and Bachelor of Science (Hons.) Biology programmes, who participated in beach cleaning activities from 7.00 a.m. to 11.00 a.m. Participants collected various types of waste, including rubbish, discarded tyres, branches, and food packaging waste, contributing to a cleaner coastal environment.

In addition to environmental activities, the programme included team-building activities such as games and group challenges to strengthen teamwork, leadership, and student engagement. The initiative provided students with valuable experiences in community service while fostering a sense of responsibility towards environmental conservation. The programme was officiated and supported by faculty members, including Dr. Ajis Lepit, Dr. Mohd Faizal Achoi (UGC Coordinator UiTM Sabah Branch), Ts. Siti Aminah Mohammad, and other academic staff. The programme concluded with an appreciation ceremony and prizes for the teams that collected the highest amount of waste. The initiative reflects UiTM's commitment to promoting sustainability, community engagement, and environmental stewardship through impactful student-led activities.

Closing Ceremony of Malaysia Greening Campaign 2.0 in Conjunction with International Day of Forests 2026, Perlis



Author:
Sr. Gs. Dr. Fazly Amri Bin Mohd & Ts.
Zamzila Erdawati Zainol
UiTM Perlis Branch
ARAU, 12 June 2026

The closing Ceremony of Malaysia Greening Campaign 2.0 in conjunction with the International Day of Forests 2026 at the State Level of Perlis was successfully held at Dewan Seri Semarak, UiTM Perlis Branch. The ceremony was officiated by YBrs. Dr. Noriman Rojulai, Deputy State Secretary of Perlis (Management), representing the State Secretary of Perlis. The two-day programme featured various sustainability-focused activities, beginning with knowledge-sharing sessions involving six invited speakers from relevant agencies and organisations. The sessions highlighted important topics related to forest conservation, biodiversity protection, and sustainable development.

The programme continued with a podcast session discussing current environmental issues and the role of youth in protecting the nation's natural resources. The session involved approximately 500 students from UiTM Perlis Branch, Universiti Malaysia Perlis (UniMAP), and the Institute of Training, Ministry of Health Malaysia (Nursing), Kangar.

The initiative demonstrated the continuous commitment of the Perlis State Government, the Perlis Forestry Department, and higher education institutions in strengthening national greening efforts and raising public awareness on the importance of conserving forests for future generations.

Go Green MARES 2026 Promotes Coastal Sustainability Awareness



Author:
Ts. Zamzila Erdawati Zainol
UiTM Perlis Branch
LANGKAWI, 17 January 2026

Students from Semester 5 of the Sustainable Marine Technology Programme (AS256), UiTM Perlis Branch, successfully organised the "Go Green MARES 2026" programme at Tanjung Pandan Beach, Langkawi, Kedah. The beach clean-up activity aimed to raise awareness on the importance of maintaining coastal cleanliness and protecting the marine environment. Participants collected various types of waste, including plastic bottles, plastic bags, food packaging, beverage cans, glass bottles, polystyrene, ropes, old fishing nets, and other discarded materials. The activity contributed to improving the cleanliness of the beach while providing students with meaningful experiences in environmental conservation. Beyond environmental benefits, the programme strengthened teamwork, cooperation, and students' sense of responsibility towards protecting natural resources. The initiative reflects UiTM's commitment to promoting sustainability awareness among students through hands-on community and environmental activities.

"Clean Beach, Sustainable Ocean."

Malaysia Greening Campaign 2.0: "Sustaining Forests: A Shared Responsibility" Podcast



Author :
Ts. Zamzila Erdawati Zainol
UiTM Perlis Branch
ARAU, 2026

Plan conjunction with the Malaysia Greening Campaign 2.0 and International Day of Forests 2026 at the State Level of Perlis, a podcast session titled "Sustaining Forests: A Shared Responsibility" was organised as a platform to promote knowledge sharing and environmental awareness, particularly on forest conservation. The session discussed the importance of protecting the nation's natural resources, the role of forest ecosystems, and collective efforts required to ensure environmental sustainability for future generations. The invited panel members, including Puan Rosnani Nazri (NGO Coordinator, GRASS Malaysia), Encik Awang Shaffie bin Awang Ahmadni (Director of Perlis Forestry Department), and Ts. Zamzila Erdawati Zainol (UGC Coordinator, UiTM Perlis Branch), shared valuable perspectives on sustainability challenges and green initiatives.

The podcast also encouraged students to recognise that environmental conservation is a shared responsibility requiring active participation from all levels of society. Through an interactive and engaging platform, sustainability messages were effectively delivered to younger generations. The programme involved approximately 500 students from UiTM Perlis Branch, Universiti Malaysia Perlis (UniMAP), and the Institute of Training, Ministry of Health Malaysia (Nursing), Kangar. The initiative reflects the commitment of the Perlis State Government, the Perlis Forestry Department, and higher education institutions in strengthening national greening efforts and promoting forest conservation awareness.

COMMUNITY FOR CONSERVATION: SAVE THE TURTLES, SAVE THE FUTURE



Author: Dr. Syahrina Hayati binti Md Jani
Masjid Tanah, Melaka, 11 June 2026

The Community for Conservation: Save the Turtles, Save the Future programme was successfully organised by students from MBA1325E and MBA1325F of the Diploma in Office Technology Management programme, Faculty of Business and Management, UiTM Cawangan Melaka, Alor Gajah Campus at the Turtle Information and Conservation Centre, Padang Kemunting, Melaka. The programme served as a community engagement initiative that combined environmental education, conservation awareness, and experiential learning. The programme involved the participation of lecturers, students, and officers from the Turtle Information and Conservation Centre. Through a series of educational and conservation-based activities, participants were exposed to the ecological importance of marine turtles, the threats they face due to pollution, habitat destruction, and climate change, as well as ongoing conservation efforts to protect endangered turtle species in Malaysia.

Among the highlights of the programme were educational talks, conservation awareness sessions, guided visits to the turtle hatchery and exhibition gallery, beach clean-up activities, and interactive community engagement programmes designed to cultivate environmental stewardship among university students and the local community. Organised as part of the Organizing Events (OBM310) course, the programme successfully strengthened students' leadership, teamwork, communication, and project management competencies while fostering greater appreciation towards biodiversity conservation. More importantly, the initiative supports Sustainable Development Goal (SDG) 14: Life Below Water, SDG 13: Climate Action, and SDG 17: Partnerships for the Goals through strategic collaboration between UiTM and environmental conservation agencies. The programme reflects UiTM's continuous commitment to producing socially responsible graduates while contributing to environmental sustainability and community well-being.

SEA THE CHANGE

AUTHOR: DR SITI NURUL AKMA AHMAD
PANTAI PUTERI, 10 June 2026



A total of 44 first-semester students from the Diploma in Office Management and Technology (BA132), together with 51 student organizers from classes MBA1325A and MBA1325B (AquaBuddies), participated in the Beach Cleanliness and Recycling Awareness CSR Programme: Sea the Change 2026 at Pantai Puteri, Melaka. The programme was officiated by YB Tuminah Kadi @ Mohd Hashim, Deputy State Executive Councillor for Entrepreneur Development, Cooperatives and Consumer Affairs and State Assembly person for Pantai Kundor. Organised as part of the OBM310 (Event Management) course, the programme aimed to promote environmental awareness through Beach Plogging, a recycling competition, and an educational session by SWCorp Malaysia. The participants successfully collected 279 kg of waste and installed 3R awareness signboards and a wakaf bench as lasting contributions to the local community. The programme was organised in collaboration with the Majlis Bandaraya Melaka Bersejarah (MBMB), SWCorp Malaysia and Kelab Belia Generasi Progresif (KELGENSIF), and reflecting UiTM students' commitment to environmental sustainability and meaningful community engagement.

Trash to Cash



Author: Noorazura Durani
Faculty of Communication and Media Studies (FKPM)
UiTM Campus Alor Gajah, 7 Jan 2026

The Trash2Cash Campaign, organised under the Discover, Inspire, Volunteer, Empower (D.I.V.E. 1.0) programme by Semester 4 students of the Diploma in Digital Media Communication Technology (MC112), Faculty of Communication and Media Studies (FKPM), UiTM Cawangan Melaka, Kampus Alor Gajah, was successfully held in collaboration with SWCorp Melaka. The campaign marked as the faculty's first recycling initiative at the campus, reinforcing UiTM's commitment to environmental sustainability and community engagement.

The campaign attracted 84 participants, comprising 39 students, 41 staff members and four community members, demonstrating strong support for sustainable waste management practices. Throughout the programme, participants contributed recyclable materials, used cooking oil and fabric for recycling and reuse initiatives. The campaign achieved remarkable outcomes, collecting 511.6 kg of recyclable materials and used cooking oil, 188.75 kg of fabric donations, and generating RM525.92 through recycling activities. Beyond these achievements, the programme successfully raised environmental awareness while providing students with valuable hands-on experience in organising community-based sustainability initiatives.

The collaboration between UiTM Cawangan Melaka and SWCorp Melaka further strengthened the programme's impact by promoting responsible waste management and supporting the Sustainable Development Goals (SDGs), particularly SDG 12 (Responsible Consumption and Production) and SDG 17 (Partnerships for the Goals). The success of the Trash2Cash Campaign serves as a benchmark for future sustainability initiatives within the university and the wider community.

E-Waste Recycling Awareness Campaign by Sultan Badlishah Library Promotes Sustainable Practices

Author :

Sultan Badlishah Library

UiTM Kedah Branch

KEDAH, 18 June 2026 – The Sultan Badlishah Library (PSB), UiTM Kedah Branch successfully organised the E-Waste Recycling Awareness and Practice Campaign as an initiative to promote responsible electronic waste management among the university community and the public.

The programme was conducted through a strategic collaboration with the Faculty of Chemical Engineering and Technology, Universiti Malaysia Perlis (UniMAP), focusing on raising awareness of the environmental impacts of improper e-waste disposal. The initiative also supported the implementation of EKSA, green campus practices, and institutional Environmental, Social and Governance (ESG) efforts.

Held at Sultan Badlishah Library from 8.30 a.m. to 1.00 p.m., the programme collaborated with Keymaster, an e-waste collection and disposal vendor, providing staff and students with a safe platform to recycle unwanted electronic items such as mobile phones, computers, cables, chargers, printers, televisions, and other electronic devices.

A knowledge-sharing session titled “The Dangers of E-Waste: Understanding the Risks and Proper Management Methods” was also conducted through Live@PTAR PSB, featuring invited speaker Encik Mohamad Najmi bin Mohamad Rasidi from the Department of Environment (DOE) Kedah.

The campaign successfully attracted 229 participants through the live session, while 25 UiTM Kedah staff members contributed e-waste items for recycling. This initiative demonstrated UiTM's commitment towards sustainable waste management, green campus development, and environmental responsibility.



UiTM Perak Celebrates Green Campus Excellence at the 2026 Green Campus Appreciation Ceremony



Seri Iskandar, 10 April 2026 – Universiti Teknologi MARA (UiTM) Cawangan Perak organised the Green Campus Appreciation Ceremony 2026 to recognise the commitment and outstanding contributions of Green Campus Committee members from the Seri Iskandar and Tapah campuses in advancing the university's sustainability agenda. The ceremony gathered university management, committee members, industry partners, and staff to celebrate the successful implementation of Green Campus initiatives throughout 2025, including sustainability programmes, strategic industry collaborations, and environmental awareness activities.

The event featured welcoming remarks by Associate Professor Sr. Dr. Nur Azfahani Ahmad, Coordinator of the Green Campus Committee, followed by speeches from Mr. Haji Uzir, Chief Executive Officer of Adeeq Tanny Sdn. Bhd., and Associate Professor Dr. Nur Hisham Ibrahim, Rector of UiTM Cawangan Perak, who highlighted the importance of collaboration in achieving a sustainable campus.

A total of 22 Green Campus Awards were presented to individuals and teams for their outstanding contributions to sustainability initiatives. The ceremony also included the official handover of electric bicycles (e-bikes) by Adeeq Tanny Sdn. Bhd., demonstrating the company's support for green mobility on campus.

The programme reflects UiTM Perak's continued commitment to fostering a culture of sustainability and supports the United Nations Sustainable Development Goals (SDGs), particularly SDG 4 (Quality Education), SDG 11 (Sustainable Cities and Communities), SDG 12 (Responsible Consumption and Production), SDG 13 (Climate Action), and SDG 17 (Partnerships for the Goals).

Strategic Workshop on E-Bike Micro-Mobility Management Held at UiTM Perak

Seri Iskandar, 16 April 2026 – Universiti Teknologi MARA (UiTM) Perak took another significant step towards strengthening its Green Campus initiative by organising the Strategic Workshop on E-Bike Micro-Mobility Management, held on Thursday, 16 April 2026, from 8.00 a.m. to 1.00 p.m.

Led by Unit 6: Green Transportation under the Green Campus programme, the workshop marked a new phase in the university's commitment to developing a sustainable and efficient campus transportation system. The programme was conducted in collaboration with Adeeq Tanny Resources (M) Sdn. Bhd., one of Malaysia's leading e-bike solution providers and UiTM Perak's strategic industry partner.

The workshop commenced with an opening briefing by Associate Professor Sr. Dr. Nur Azfahani Ahmad, Coordinator of the Green Campus Committee, who highlighted the university's vision for sustainable transportation. This was followed by a comprehensive presentation delivered by Gs. Dr. Norhazlan Haron, Head of Unit 6: Green Transportation, outlining the implementation strategy, objectives, and operational framework of the UiTM Perak e-bike micro-mobility project.

The participation of heads of departments and key administrative units enabled productive and focused discussions on the strategic planning required to ensure the successful implementation of the e-bike micro-mobility system across the campus. The discussions centred on several critical aspects, including user safety, land-use planning, daily operational management, maintenance strategies, and the effective utilisation of operational facilities and designated road networks. Emphasis was also placed on establishing a collaborative framework that delivers mutual benefits while enhancing operational efficiency and service quality at UiTM Perak.

As part of the academia-industry collaboration, UiTM Perak and Adeeq Tanny Resources will jointly undertake knowledge transfer activities and experience-sharing sessions to strengthen institutional capacity in sustainable mobility management. The partnership is expected to support innovation, encourage best practices, and facilitate continuous improvements in the implementation of green transportation initiatives.

The e-bike micro-mobility initiative is anticipated to reduce the university's carbon footprint, improve campus air quality, and provide a flexible, efficient, and cost-effective transportation solution for students, staff, and visitors. Furthermore, the initiative reinforces UiTM Perak's position as a progressive university committed to sustainable development and environmental stewardship. It is also expected to serve as a benchmark for other higher education institutions seeking to implement green mobility solutions within their campuses.



UiTM Perak Commences Green Campus SDG Book Writing and Sustainable Campus Award Documentation Workshop

Seri Iskandar, 6 February 2026 – Universiti Teknologi MARA (UiTM) Cawangan Perak has taken another significant step in strengthening its sustainability agenda through the organisation of the Green Campus SDG Mapping 2026 Book Writing Workshop and the Sustainable Campus Award Documentation Workshop. The workshops brought together a dedicated team of writers and Green Campus committee members to initiate preparations for two major institutional projects that showcase the university's sustainability achievements.

A total of 15 members of the writing team participated in the workshop, working collaboratively to develop comprehensive documentation of UiTM Perak's Green Campus initiatives and their alignment with the United Nations Sustainable Development Goals (SDGs). The workshop also focused on preparing supporting documents for the university's participation in upcoming Sustainable Campus Award evaluations.

Throughout the workshop, participants reviewed existing Green Campus programmes, compiled evidence of sustainability initiatives, and discussed effective approaches for documenting institutional best practices. The collaborative sessions aimed to ensure that the book and award submission accurately reflect UiTM Perak's commitment to environmental stewardship, sustainable operations, and community engagement.

The Green Campus SDG Mapping 2026 publication is envisioned as a comprehensive reference that highlights the university's sustainability journey, demonstrating how various Green Campus initiatives contribute to the achievement of the Sustainable Development Goals. In parallel, the award documentation workshop enables the university to systematically present its accomplishments, innovations, and measurable impacts in sustainable campus development.



UiTM Perak Organises Landscape Photography Competition to Promote Green Campus Awareness

Seri Iskandar, 11 February 2026 – Universiti Teknologi MARA (UiTM) Cawangan Perak reinforced its commitment to environmental sustainability by organising the UiTM Perak Landscape Photography Competition, a Green Campus initiative designed to cultivate environmental appreciation and encourage a sustainable lifestyle among the university community.

The competition, which commenced in November 2025, attracted the participation of 35 UiTM Perak students, who captured the natural beauty and scenic landscapes of the Seri Iskandar campus through their creative photography. The initiative encouraged students to observe, appreciate, and showcase the university's green environment while promoting environmental awareness through visual storytelling.

The prize-giving ceremony was held on 11 February 2026 at 4.00 p.m. by the picturesque UiTM Perak Lake, providing a relaxed and engaging atmosphere that reflected the Green Campus philosophy of integrating recreation, well-being, and environmental appreciation. The programme was organised by Team 3: Green Lifestyles and Recreational under the coordination of Dr. Ermi Syahira Abd. Jamil, Puan Norita Abdul Kadir, and the organising committee.

To recognise participants' creativity and outstanding contributions, cash prizes were awarded to the winners, with RM100 for first place, RM70 for second place, and RM50 for third place.

As a lasting outcome of the programme, all 35 landscape photographs are planned to be compiled into a commemorative publication that will serve as a visual archive and reference for the university community. The publication will celebrate the natural beauty of the UiTM Perak campus while documenting the university's continuous efforts towards environmental sustainability and Green Campus development.

Beyond recognising artistic talent, the competition aimed to strengthen environmental consciousness among students by encouraging them to engage more closely with the campus landscape and appreciate the importance of preserving green spaces. Through creative expression, participants became active advocates for sustainability, reinforcing the role of students in fostering an environmentally responsible campus culture.

The initiative contributes to several United Nations Sustainable Development Goals (SDGs). By promoting environmental education and raising awareness of sustainability through experiential learning, the programme supports SDG 4: Quality Education. The appreciation and preservation of green spaces contribute to SDG 11: Sustainable Cities and Communities, while encouraging environmental stewardship aligns with SDG 15: Life on Land by fostering respect for biodiversity and natural ecosystems. Furthermore, the Green Campus initiative strengthens SDG 13: Climate Action by inspiring behavioural changes that encourage environmental responsibility and sustainable living.

The Landscape Photography Competition exemplifies UiTM Perak's holistic approach to Green Campus development by combining creativity, recreation, environmental education, and community engagement. Through initiatives such as this, the university continues to nurture a campus culture that values sustainability, innovation, and the conservation of its natural environment for future generations.



UiTM Perak and Adeeq Tanny Resources Forge Strategic Partnership to Advance Green Campus Initiative

Seri Iskandar, 5 January 2026 – A significant milestone in sustainable campus development was achieved as Universiti Teknologi MARA (UiTM) Perak officially signed and exchanged a Memorandum of Understanding (MoU) with Adeeq Tanny Resources (Malaysia) Sdn. Bhd., marking the beginning of a strategic collaboration to implement an e-bicycle micro-mobility system on campus.

The partnership reflects UiTM Perak's ongoing commitment to promoting environmental sustainability and supporting its Green Campus agenda by introducing eco-friendly transportation solutions. The initiative is expected to enhance sustainable mobility within the campus while reducing carbon emissions and encouraging greener commuting practices among the university community.

Representing UiTM Perak at the official document exchange ceremony were Associate Professor Dr. Muhamad Abdul Aziz Ab. Ghani, Deputy Rector (Research, Industrial, Community & Alumni Network), and Gs. Dr. Norhazlan Haron, Head of Unit 6: Green Campus Micro-Mobility, UiTM Perak.

Adeeq Tanny Resources (Malaysia) Sdn. Bhd. was represented by its Chief Executive Officer, Mr. Haji Uzir Abdul Samad, and Chief Technology Officer, Mr. Hoi Kin Mun.

The collaboration encompasses the operation and implementation of the e-bicycle micro-mobility system, as well as knowledge transfer, data sharing, and collaborative research opportunities between UiTM Perak and the industry partner. By combining academic expertise with industry experience, both parties aim to develop innovative and sustainable mobility solutions that can serve as a model for future green campus initiatives.

This partnership demonstrates the shared commitment of UiTM Perak and Adeeq Tanny Resources to fostering innovation, sustainability, and research excellence. It is hoped that the collaboration will be successfully implemented and will contribute meaningfully to the university's long-term vision of becoming a more sustainable and environmentally responsible campus.



Agro Siswa Lestari Harvests Organic Hydroponic Produce to Advance Sustainable Development Goals at UiTM Perak

Seri Iskandar, January 2026 – UiTM Cawangan Perak continues to strengthen its Green Campus agenda through a student-led hydroponic farming project managed by Agro Siswa Lestari under the Hydropreneur Committee, led by Dr. Wan Nor Anira.

The initiative enables students to cultivate pesticide-free organic vegetables using sustainable hydroponic farming techniques while gaining practical experience in sustainable agriculture, project management, and agripreneurship. Freshly harvested vegetables, including kangkung and sawi, were sold during monthly sales on 14 November 2025 and 16 January 2026, promoting healthy food choices and supporting local food production.

The project provides valuable experiential learning opportunities that equip students with entrepreneurial skills while fostering environmental responsibility and innovation.

The Hydropreneur initiative contributes to the United Nations Sustainable Development Goals (SDGs), particularly SDG 2 (Zero Hunger), SDG 3 (Good Health and Well-being), SDG 4 (Quality Education), SDG 8 (Decent Work and Economic Growth), SDG 12 (Responsible Consumption and Production), and SDG 15 (Life on Land), reflecting UiTM Perak's commitment to sustainable campus development and community engagement.



UiTM Perak Launches Food Waste Initiative Through Black Soldier Fly Awareness Programme

Seri Iskandar, 14 January 2026 – As part of its commitment to advancing sustainable campus practices, the Green Campus Committee of Universiti Teknologi MARA (UiTM) Perak organised an awareness programme on Food Waste Processing into Valuable Resources Using Black Soldier Fly (BSF) Technology. The briefing was held at Kolej Indera Sakti and marked the university's first step towards implementing a comprehensive Food Waste Initiative on Campus.

The programme featured expert speakers from the Perak Tengah District Council (Majlis Daerah Perak Tengah, MDPT) and its strategic partner, Kebun Rahsia. The briefing was delivered by Mr. Iskandar Alif bin Haji Pahrurazi from the Municipal Services Division, Department of Environmental Health and Licensing, MDPT, together with Ms. Liyana Farhanah binti Noor Izan from Kebun Rahsia.

The session introduced participants to the innovative application of the Black Soldier Fly (BSF) as a natural biological agent for decomposing food waste into useful resources. The speakers highlighted the environmental benefits of BSF technology, including its potential to reduce organic waste sent to landfills, minimise greenhouse gas emissions, and support circular economy practices through sustainable waste management.

Approximately 30 food vendors and 10 UiTM Perak staff members attended the programme. Participants included representatives from the Green Campus Committee, the Facilities Management Division, the Commercial Space Committee, and the Residential College Management Unit. The briefing provided an opportunity for stakeholders to gain a better understanding of food waste management strategies and to discuss the practical implementation of BSF technology within the campus environment.

The programme represents the university's initial effort to establish a structured food waste management system as part of its Green Campus agenda. Through collaboration with local authorities and community partners, UiTM Perak aims to reduce food waste, promote environmental awareness, and cultivate a culture of sustainability among the campus community.

This initiative reflects UiTM Perak's ongoing commitment to achieving a cleaner, greener, and more sustainable campus while supporting broader environmental and sustainable development goals.



UiTM Perak Distributes Food Waste Bins to Campus Food Vendors

Seri Iskandar, 26–29 January 2026 – UiTM Cawangan Perak launched the Food Waste Black Soldier Fly (BSF) Project 2026–2027 to strengthen sustainable food waste management on campus. Led by the Green Campus Committee under Unit 3: Green Lifestyles and Recreational, the initiative is implemented in collaboration with the Perak Tengah District Council (MDPT).

The project involves 21 campus food vendors, who received designated food waste bins as part of efforts to improve food waste segregation and promote the use of Black Soldier Fly (BSF) larvae as an eco-friendly solution to convert organic waste into valuable resources such as compost and agricultural feed.

Supported by strategic partners including MDPT, the UiTM Perak Commercial Space Committee (JKRN), the Facilities Management Division (BPF), and the Student Residence and Hospitality Unit (URHP), the initiative reflects a collaborative approach towards sustainable waste management and environmental stewardship.

The project supports the United Nations Sustainable Development Goals (SDGs), particularly SDG 11 (Sustainable Cities and Communities), SDG 12 (Responsible Consumption and Production), SDG 13 (Climate Action), SDG 15 (Life on Land), and SDG 17 (Partnerships for the Goals), reinforcing UiTM Perak's commitment to building a greener and more sustainable campus.



**UITM PERAK GREEN CAMPUS TEAM WINS FIRST PLACE AT AKPU 2025
FOR EXCELLENCE IN GREEN CAMPUS DEVELOPMENT**

Shah Alam, 13 June 2026 – Universiti Teknologi MARA (UiTM) Cawangan Perak achieved a significant milestone in its sustainability journey after receiving the First Prize in the Globally Renowned Excellence Transformation Award 2025 under the Development Excellence (Green Campus) category at the University Performance Excellence Awards (AKPU 2025).

The prestigious award, organised by the UiTM Office of University Transformation and the Office of the Vice-Chancellor, recognises outstanding initiatives that drive institutional transformation, innovation, and excellence across the university system.

The achievement is the result of the collective dedication and strong collaboration of the Green Campus Committee from both the Seri Iskandar and Tapah campuses. Through a series of impactful sustainability programmes, environmental initiatives, and campus-wide engagement activities, the committee has successfully strengthened UiTM Perak's Green Campus agenda while fostering a culture of environmental responsibility among students, staff, and the wider university community.

Receiving the award reflects UiTM Perak's continuous commitment to advancing sustainable development through innovative campus management, green infrastructure, responsible resource management, and community participation. The recognition also highlights the university's success in integrating sustainability into its operations, teaching, research, and stakeholder engagement, in line with its aspiration to become a globally recognised institution. This prestigious recognition serves as a testament to UiTM Perak's unwavering commitment to sustainability excellence and reinforces its position as a leading Green Campus within the UiTM system. The award also inspires the university community to continue innovating and collaborating in pursuit of a more sustainable, inclusive, and globally recognised future.



UiTM Perak Strengthens Green Mobility Agenda Through Electric Vehicle Infrastructure Planning Meeting

Seri Iskandar, 24 June 2026 – Universiti Teknologi MARA (UiTM) Cawangan Perak continues to advance its Green Campus agenda by convening the Electric Vehicle (EV) Committee Meeting to discuss the development of electric vehicle charging infrastructure and the future adoption of sustainable mobility solutions across the campus.

Organised by the Green Campus Committee in collaboration with the Facilities Management Division, the meeting focused on strategic planning to support the university's transition towards low-carbon transportation while enhancing the campus's environmental sustainability.

Among the key agenda items were the proposed locations for installing EV charging stations, the implementation model, and potential financing mechanisms for the project. Discussions were guided by the UiTM Guidelines on the Installation of Electric Vehicle (EV) Charging Infrastructure and the Use of EV Chargers (Circular No. 02 of 2026), ensuring that future developments align with the university's sustainability policies and operational requirements.

The meeting also explored strategies to facilitate the gradual adoption of electric vehicles within the university community by providing accessible charging facilities and creating an enabling environment for green transportation. These initiatives are expected to support the increasing demand for electric mobility while reducing dependence on conventional fossil fuel-powered vehicles.

The establishment of EV charging infrastructure represents a proactive step by UiTM Perak in promoting cleaner transportation, reducing greenhouse gas emissions, and integrating green technologies into campus operations. The initiative reflects the university's long-term commitment to developing a resilient, environmentally responsible, and future-ready campus.

This effort contributes directly to several United Nations Sustainable Development Goals (SDGs). By promoting clean transportation infrastructure and accelerating the transition to low-carbon mobility, the initiative supports SDG 7: Affordable and Clean Energy through the adoption of cleaner energy technologies. It also advances SDG 9: Industry, Innovation and Infrastructure by developing sustainable infrastructure that embraces innovation and modern technologies.

Furthermore, the initiative contributes to SDG 11: Sustainable Cities and Communities by encouraging sustainable mobility solutions within the campus environment, while supporting SDG 13: Climate Action through efforts to reduce carbon emissions and promote environmentally responsible transportation practices. The collaboration between the Green Campus Committee and the Facilities Management Division also reflects SDG 17: Partnerships for the Goals, demonstrating the importance of cross-departmental cooperation in achieving institutional sustainability objectives.

Through strategic planning and continuous investment in green infrastructure, UiTM Perak is laying the foundation for a cleaner, smarter, and more sustainable campus. The EV infrastructure initiative represents another milestone in the university's ongoing journey towards achieving its Green Campus vision and contributing to global sustainable development.



“Jom Jimat Elektrik” Programme

Author: Dr. Sabarina Md Yunus

Kompleks Tok Gajah, UiTM Cawangan Pahang | 22 June 2026. The Jawatankuasa Perwakilan Kolej (JPK) Kompleks Tok Gajah successfully organised the 'Jom Jimat Elektrik' programme on 22 June 2026 to encourage students to practise energy conservation. The programme was held from 11.00 p.m. to 12.00 midnight at the students' residential houses in Kompleks Tok Gajah.

During the one-hour initiative, students were encouraged to switch off all unnecessary lights in their homes. This activity aimed to create awareness of responsible electricity usage while promoting environmental sustainability. The programme highlighted that simple daily actions can contribute to reducing energy consumption and protecting the environment.

The event received positive cooperation from residents, reflecting their commitment to supporting green initiatives. JPK hopes that the programme will inspire students to continue practising electricity-saving habits in their daily lives and foster a culture of environmental responsibility within the college community.

UITMCK STUDENTS EMPOWER SOCIAL RESPONSIBILITY ALONGSIDE MACHANG DISTRICT COUNCIL AND SURAU AL-IKTIKAF COMMUNITY, MACHANG

Authors: Ts. Emilia Abdull Manan, Ts. Mohd Masdi Abdul Manan & Cik Siti Nor Adawiah Hussin

Machang, 29 April 2026 – A total of 36 diploma students from the Faculty of Accountancy, UiTM Cawangan Kelantan participated in the Mutac Fresh and Clean: We Keep It Green Corporate Social Responsibility (CSR) programme, organised by the MARA University of Technology Accountancy Society (MUTAC) and the Faculty of Accountancy in collaboration with the Machang District Council and Surau Al-Iktikaf, Kg Rengas.

The programme featured a community gotong-royong at Surau Al-Iktikaf, where students and local residents worked together to clean and beautify the surau, strengthening ties between the university and the surrounding community.

Participants also attended an environmental awareness briefing by the Machang District Agriculture Office, followed by tree-planting and clean-up activities at the Tok Bok Hot Springs Recreational Park, promoting environmental stewardship and sustainable practices.

The initiative provided students with meaningful community engagement while fostering teamwork, leadership, and environmental responsibility. It also supports the United Nations Sustainable Development Goals (SDGs), particularly SDG 3 (Good Health and Well-being), SDG 11 (Sustainable Cities and Communities), and SDG 16 (Peace, Justice and Strong Institutions).

WEBINAR GREENATION & SUSTAINABILITY – MEMACU REGENERASI KAMPUS HIJAU KE ARAH SDG UiTM SEMPERA FESTIVAL BUDAYA ILMU PTA 2026 UiTM KELANTAN


Authors: Ts. Emilia Abdul Manan & Ts. Mohd Masdi Abdul Manan

In conjunction with the PTA Knowledge Culture Festival 2026, Tengku Anis Library (PTA), in collaboration with the UiTM Green Centre (UGC) Unit of UiTM Kelantan Branch and the Tengku Anis Library Readers' Club (PTARC), organized a sharing session titled "Greenation & Sustainability – Memacu Regenerasi Kampus Hijau ke Arah SDG UiTM" on June 22, 2026, online via the Google Meet platform. This sharing session was delivered by Assoc. Prof. Ts. Dr. Khairi Khalid, Director of the UiTM Green Centre (UGC), and was managed by Ts. Emilia Abdul Manan, Senior Lecturer from the Faculty of Art and Design, UiTM Kelantan Branch, as the moderator.

The program aimed to increase the awareness of the university community regarding sustainability, green campus regeneration, and the role of UiTM citizens in supporting the achievement of the Sustainable Development Goals (UiTM SDGs). The sharing session was delivered to provide exposure regarding sustainability practices and efforts to strengthen the green culture within the campus community, raising awareness on how UiTM drives the green campus agenda through Greenation, alongside the role of the UiTM Green Centre in empowering and implementing the agenda.

The 2-hour sharing session was attended by more than 300 participants. Assoc. Prof. Ts. Dr. Khairi Khalid also provided a broader perspective on the challenges and actions that can be implemented to support the green agenda, including through various University activities, community engagement, and cooperation with various agencies in efforts to achieve goals related to the role of society in ensuring the success of sustainability efforts for the university in particular, and the nation in general.

BIOWAVE: EcoStride Promotes Sustainability Through Health and Community Engagement

Author: Nur Najihah Md Asri, Bachelor of Science in Biology (Honours), UiTMCNS, Kuala Pilah Campus

BIOWAVE: EcoStride marked the culmination of **BIOWAVE: The Sustainability Movement**, bringing together environmental awareness, healthy living and community engagement through a series of activities held on 20 June 2026. The event began with a 5-kilometer (5 km) Fun Run, bringing together students, staff and members of the campus community in support of a healthier and more sustainable lifestyle.

Participants were provided with 400 bottles of probiotic drinks sponsored by Yakult (M) Sdn. Bhd., which also conducted a health exhibition during the program. Alongside the run, the Eco Market featured preloved clothing, handmade crafts, food and beverages offered by students and local vendors, promoting the reuse of goods while supporting local entrepreneurship and sustainable consumption.

Several organizations also participated through educational exhibitions, including the National Anti-Drugs Agency (AADK), the Kuala Pilah Forestry Department and Persatuan Belia Dinamik Barat (PBDB). Their interactive booths introduced participants to topics such as drug prevention, biodiversity conservation, forest protection and youth leadership. Through these activities, **BIOWAVE: EcoStride** provided an opportunity for the campus community to learn, engage and contribute to a more sustainable future.

Green It On: A Collective Commitment to Sustainability

Author: Nur Najihah Md Asri, Bachelor of Science in Biology (Honours), UiTMCNS, Kuala Pilah Campus

On 9 June 2026, shades of green could be seen across UiTM Cawangan Negeri Sembilan, Kampus Kuala Pilah as students, lecturers and administrative staff came together for **Green It On**, one of the initiatives under **BIOWAVE: The Sustainability Movement**. By wearing green, participants expressed their support for environmental sustainability while reinforcing the importance of shared responsibility in protecting the environment.

Although simple in concept, the campaign carried a meaningful message. It encouraged the campus community to reflect on environmental issues such as biodiversity conservation, climate action and sustainable living. The strong participation from different faculties also demonstrated the willingness of the university community to support initiatives that promote environmental awareness.

Throughout the program, **Green It On** created opportunities for conversations about sustainability among students and staff. More importantly, it showed that meaningful change often begins with small actions. By taking part in the campaign, participants contributed to the university's ongoing efforts to cultivate a greener, more environmentally conscious campus.

STUDENTS SHOWCASE CREATIVITY THROUGH GMO MODEL PROJECT USING RECYCLED MATERIALS



AUTHOR: DR. NUR AZIMAH OSMAN (SCHOOL OF BIOLOGY, UiTM CNS)

On 23 June 2026, students of diploma microbiology semester four at UiTM Negeri Sembilan Branch, successfully presented their genetically modified organism (GMO) model as part of their continuous assessment for general molecular biology course. The students worked in groups to design and construct the representations of various GMOs using recycled and reusable materials. The activity aimed to enhance students' understanding of genetic modification concepts while encouraging innovation and sustainable practices. Students recently demonstrated their creativity, scientific understanding, and environmental awareness. The presentation contained an abundance of material which clearly related to the main model project. The team worked well together to achieve the objectives. Each team member contributed in a valuable way to the project. This project also indicated a high level of mutual respect and collaboration.

Plastic? No Way!: Encouraging a Plastic-Free Campus Culture



Author: Nur Najihah Md Asri, Bachelor of Science in Biology (Honours), UiTM CNS, Kuala Pilah Campus

As part of BIOWAVE: The Sustainability Movement, BIOSMARTEAM launched the Plastic? No Way! campaign on 13 June 2026 to encourage the UiTM Kuala Pilah community to reduce the use of single-use plastics. The initiative highlighted how simple lifestyle changes can contribute to protecting the environment while promoting more sustainable habits on campus.

Throughout the campaign, educational posters, infographics and awareness materials were displayed to share practical information on reducing plastic waste. Students, staff and cafeteria vendors were also encouraged to support the initiative by using reusable food containers, tumblers and shopping bags instead of disposable plastic packaging.

The campaign served as a reminder that sustainability begins with everyday choices. By adopting reusable alternatives and reducing unnecessary plastic consumption, members of the campus community took a small but meaningful step towards creating a cleaner and more environmentally responsible university.

TRASH TO CASH (T2C) & 3R (REDUCE, REUSE, RECYCLE)



AUTHOR : Muhammad Haziq bin Mohd Zaini, Nur Najihah Md Asri, Fauzan Hadi Hussin

The Trash to Cash (T2C) & 3R (Reduce, Reuse, Recycle) program was conducted as a series of sustainability initiatives on 3 February, 11 May, 26 May, 6 June, and 20 June 2026. The activities were implemented through collaborations involving various stakeholders, including the Facilities Management Division (BPF), SWCorp, SWM Environment, the Student Representative Committee (JPK), the Biology Student Association (BIOSMARTEAM), and the local community, with different partners participating in different program sessions. The programme aimed to promote the practice of the 3Rs, encourage waste segregation at source, and enhance environmental sustainability awareness. Across the five programme series, a total of 2,120.00 kg of recyclable materials was collected, generating RM1,356.77 in revenue. The initiative successfully reduced waste, encouraged active participation from the campus community and local residents, and strengthened the university's commitment to a greener and more sustainable campus.

FACING THE CLIMATE CRISIS: UiTM PULAU PINANG BRANCH TRANSLATES FLOOD EARLY WARNING INTO SUSTAINABLE COMMUNITY ACTION AT KAMPUNG LABUH BANTING



Author : Salina Alias, Nor Azliza Akbar, Muhammad Faizal Pakir Mohamed Latiff, Khairul Hidayat Rezo, Mohd Samsudin Abdul Hamid, Wan Safizah Wan Salim, Nur Shafieza Azizan, Goh Lyn Dee, Anas Ibrahim, Marni Jamil
Date: 20 June 2026

Climate change is no longer merely an academic concern but a pressing reality that continues to challenge local communities. Kampung Labuh Banting is particularly vulnerable due to its strategic location within a critical hydrological zone. Although previous flood mitigation projects have significantly reduced the occurrence of major floods, the increasing frequency of extreme weather events driven by global warming continues to pose new risks.

Located downstream of Sungai Kulim, Kampung Labuh Banting experiences rapid increases in water levels whenever heavy rainfall occurs in the upstream catchment. Floodwaters often carry large volumes of floating debris, including logs and organic waste. The situation becomes more critical when high flows from Sungai Perai coincide with sudden water discharge from Sungai Kulim. Rising global sea levels have also intensified tidal surges in Sungai Perai, creating a severe backwater effect that worsens flooding in residential areas and surrounding paddy fields. The combination of climate change impacts and complex hydrological conditions places the village in a high-risk zone, highlighting the urgent need for comprehensive community adaptation strategies.

Recognising this responsibility, Universiti Teknologi MARA (UiTM) Pulau Pinang Branch organised the Community Resilience and Local Preparedness Programme in collaboration with the Malaysian Civil Defence Force (APM) and the Department of Irrigation and Drainage (JPS). The programme reflects UiTM's commitment to supporting the United Nations Sustainable Development Goals (SDGs), particularly:

SDG 11 – Sustainable Cities and Communities: Strengthening local resilience to reduce disaster risks, safeguard public safety, protect logistics networks, and sustain community livelihoods. This is especially important as Kampung Labuh Banting depends on eco-tourism and river-based fishing activities as primary sources of income.

SDG 13 – Climate Action: Enhancing institutional and community capacity through early warning systems, disaster risk reduction, and proactive adaptation to climate-related hazards.

The programme adopted a Climate Change Education approach that actively engaged community members in disaster preparedness. Through a table-top simulation exercise, 40 village residents collaborated to identify, analyse, and map critical information relating to their local environment. Participants assessed flood-prone areas, topographical conditions, logistical challenges, socio-economic impacts, and infrastructure vulnerabilities. The findings contributed to the development of a comprehensive community emergency response plan that will support local authorities and emergency agencies, including the National Disaster Management Unit, APM, the Fire and Rescue Department, and the District Office, in conducting more efficient and coordinated disaster response operations.

A key sustainability element of the programme was its knowledge transfer model. Prior to engaging with the community, UiTM staff received intensive technical training from APM experts led by Col. (PA) Lokman Hakim Abdul Rahman, Director of APM Pulau Pinang, together with Capt. (PA) Muhammed Ameen Salleh Mura, Capt. (PA) Mohd Fadhil Fahmi Zaini, and Lt. M (PA) Syukran Ahmad Amir Shaharuddin. Through this train-the-trainer approach, UiTM researchers were equipped to serve as facilitators, ensuring the long-term sustainability and continuity of community resilience initiatives.

This programme demonstrates that UiTM Pulau Pinang Branch's Sustainable Campus agenda extends well beyond conventional green practices. By actively participating in Community-Based Disaster Risk Management (CBDRM), the university has made a meaningful contribution to climate change adaptation and disaster resilience. The emergency action plan developed collaboratively with the residents of Kampung Labuh Banting stands as a testament to how academic expertise, government agencies, and community participation can work together to build a resilient, sustainable, and disaster-ready society.

Green @ UiTM

SCAN & EXPLORE

**UiTM CAMPUS
SUSTAINABILITY STRATEGIC
ACTION PLAN (UiTM CSSAP)
FIRST EDITION, 2024-2030**



**UiTM CAMPUS
SUSTAINABILITY REPORT
2019-2026**



**BLUEPRINT
IMPLEMENTATION
DOCUMENT UiTM SHAH
ALAM 2026**



SUSTAINABLE DEVELOPMENT GOALS

