

Newsletter 2024

Issue No. 1/2024 | December 2024



Rakan NADMA Convention: Transforming DRR and Advancing National Resilience

Full Article: <https://news.utm.my/ms/2024/10/konvensyen-rakan-nadma-transformasi-drr-dan-pacu-negara-berdaya-tahan/>

Commemorating a 3-years Geological Disaster in Jerai Geopark Yan, Kedah

The Science and Technology for Disaster Risk Reduction and Resilience (STDR3) Week is to address the urgency of re-strategizing local action to prevent future climatic risks due to extreme weather events, urbanization, and human activities in a changing climate.

Full Article: <https://news.utm.my/2024/08/localizing-global-action-through-science-and-technology-for-disaster-resilience-with-international-collaboration-and-smart-innovation/>



This collage represents the diverse activities of TNB Labs throughout the year. It includes group photos of staff and visitors at various locations, laboratory work involving water and air sampling, field visits to natural areas like Sg. Chiling, and community engagement events such as the 'Sampah Bersih' (Clean Up) campaign. Other notable images include a presentation on 'TRANSFORMATIONAL LEADERSHIP', a group photo at the 'SAHABAT NATIONAL CONFERENCE OF IRIG', and a group of staff members in front of the 'MENARA RAZAK' building. The collage also features a group photo of staff in front of the 'MALAYSIA MADANI' building and a group of staff members in front of the 'MALAYSIA MADANI' building.

High-impact Program | Publications | Consultation | Professional Training & Services | Regional Visibility

January – February – March



TNBR-UTM Ensures Community Preparedness for Dam - Related Disaster Risks

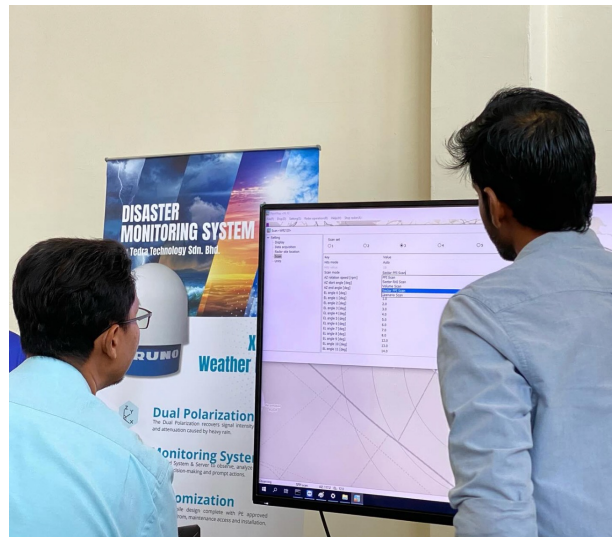
The Training of Trainers (ToT) workshop on teaching and learning modules to strengthen community resilience and preparedness for dam-related disaster risks marks its final series (Series 3) following previous sessions in Kuala Kangsar, Perak (Series 1), and Kenyir, Terengganu, as well as Pergau, Kelantan (Series 2).

Full Article: <https://news.utm.my/ms/2024/02/mjiit-utm-memastikan-kesiapsiagaan-komuniti-menghadapi-risiko-bencana-empangan/>



14th Asian Regional Conference of International Association Engineering Geology (IAEG)

ARC-14 was organized by Society for Engineering Geology and Rock Mechanics Malaysia (SEGRM). The organizer offer an ideal opportunity and platform for professionals from the international engineering geology and geotechnical engineering community to exchange the latest experiences and ideas, particularly on the theme “Engineering Geology and Geotechnics for Disaster Resilience”.



Training Compact X-band Dual Polarimetric Doppler Weather Radar @ UTM Pagoh - the first & the only technology in Malaysia



International Dialogue Conference on Disaster Management and Recovery by The Hollings Center USA @ Istanbul, Turkey

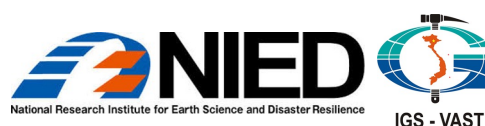
January – February – March



Research Field Survey for Debris Flow and Early Warning System

The program started with discussions on disaster collaboration, addressing landslide and debris flow challenges. A 3-day field visit focused on early warning systems, concluding with a workshop to refine research scopes and develop innovative solutions based on gathered insights.

Full Article: <https://news.utm.my/2024/03/research-field-survey-for-debris-flow-and-early-warning-system/>



Japanese Students on Global Project Based Learning

The Global Project-Based Learning program between Shibaura Institute of Technology and MJIT focused on Sustainable Water Management for Urban Garden. Students assessed water quality through fieldwork and lab analysis, presenting findings to enhance environmental awareness and urban resilience.

Full Article: <https://news.utm.my/2024/03/japanese-students-on-global-project-based-learning/>



Courtesy Visit and Discussion with Bahagian CARILAMAT, Agensi Penguatkuasaan Maritim Malaysia (APMM)



Courtesy Visit and Discussion with Ketua Balai Bomba, Teluk Kemang, Port Dickson, Negeri Sembilan



Benchmarking Visit from OSHE Monash University to DPPC Water Lab & DPPC Microbiology Lab

April – May – June



Full Article: <https://news.utm.my/ms/2024/05/inisiatif-memperkasakan-pembangunan-bandar-berdaya-tahan/>

Initiative to Strengthen Resilient Urban Development

This professional course was part of DPPC and DBKL commitment to the national agenda in enhancing the capacity of policymaker, urban planners and local stakeholders to strengthen resilient urban development. The tragedy of Typhoon Rai, which struck major urban areas in December 2021, brought extreme rainfall and flooding, resulting in significant economic losses across the Klang Valley region.



Full Article: <https://news.utm.my/2024/05/learned-disaster-management-cycle-on-the-healthcare-system/>

DPPC and MJIT Complete Certified Training in Emergency Healthcare

Participants engaged in scenario-based exercises simulating CBRNE incidents, allowing them to apply their learning in an emergency response context. These exercises focused on learning stations set up by the Selayang Emergency Department Team. Additionally, participants witnessed an exclusive demonstration of decontamination procedures at Hospital Selayang.



MERCY Malaysia International Humanitarian Conference (MMIHC) 2024

PRE-CONFERENCE WORKSHOP Disaster Risk Reduction and Climate Resilience Workshop

Theme: Advancing Societal Resilience
@ Resilience Living Lab Hulu Langat

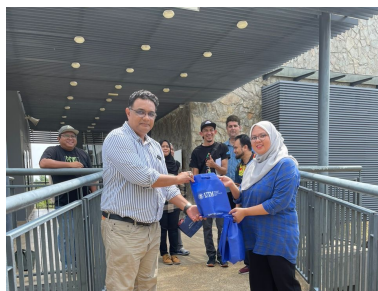
This workshop unveils new insights, unique strategies and data-driven actions to effectively mitigate, and respond to and recover from large-scale disasters in the most economically vibrant state in Malaysia.



April – May - June



Sungai Chiling Water Quality Assessment
(Water Sampling / Analysis)



Certified Professional Training (CPT) – Flood Forecasting and Hazard Mapping

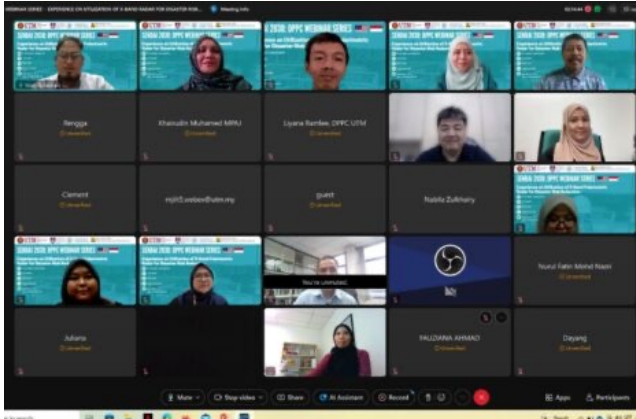
"I had been looking for this course on the DPPC website since 2018, and I was lucky to be able to enrol in this year's session. Mr Sandiarri, Dam Safety Officer, Dam Safety Unit (Emergency Preparedness), Hydropower Development & Dam Management, Hydro Department Sarawak Energy Berhad (SEB), stated that the training module was very relevant to his current work and helped him receive updated knowledge in flood mitigation



Marketing & Collaboration

1. *Courtesy visit to National Flood Forecasting and Warning Centre (PRABN)*
2. *Courtesy visit to Malaysian Meteorological Department (MET Malaysia)*
3. *Courtesy visit to Tzu Chi Foundation*
4. *Industrial & Innovation Expo MJIIT Career Fair*

July – August – September



Webinar Series Highlights Experience in Utilization of X-Band Polarimetric (XBP)

The DPPC webinar on X-Band Polarimetric (XBP) radar showcased its applications for disaster risk reduction. Experts highlighted its use in rainfall monitoring, flash flood prediction, and disaster preparedness, fostering collaboration and advancing the Sendai Framework goals.

Full Article: <https://news.utm.my/2024/07/webinar-series-highlights-experience-in-utilization-of-x-band-polarimetric-xbp/>



Localizing Global Action through Science and Technology for Disaster Resilience with International Collaboration and Smart Innovation

The Science and Technology for Disaster Risk Reduction and Resilience (STDR3) Week emphasized geo-resilience, disaster education, and community-led initiatives. Events included workshops, field practices, and innovative activities integrating AI for disaster preparedness, enhancing resilience against extreme weather and geological risks.

Full Article: <https://news.utm.my/2024/08/localizing-global-action-through-science-and-technology-for-disaster-resilience-with-international-collaboration-and-smart-innovation/>



Strengthening Disaster Recovery in Kelantan: Launch of Resilience Living Lab in Pasir Mas

The Resilience Living Lab in Pasir Mas aims to strengthen disaster recovery in Kelantan through technology integration and a multi-stakeholder platform. It includes Post-Disaster Needs Assessment (PDNA) for mapping and analysis, supporting the "Build-Back-Better" framework under the Sendai Framework.

Full Article: <https://news.utm.my/ms/2024/07/pelancaran-resilience-living-lab-pasir-mas-mengukuhkan-pemulihan-bencana-di-kelantan/>



July – August – September



Advancing Local Disaster Risk Reduction (DRR) Strategies for Equitable Resilience and Community Development

The launch was officiated by YB Tn Mohd Najwan Halimi, who emphasized cross-country benchmark projects for improving disaster risk management. This strategic collaboration aims to develop living labs in Selangor (Malaysia) and Surabaya (Indonesia), showcasing local disaster risk reduction initiatives and promoting transdisciplinary approaches for advancing global agendas.



Marketing & Collaboration

1. Collaborative Meeting with University of Hradec Kralove, Czech Republic
2. Collaborative Meeting with Sarawak Energy Berhad (SEB)
3. Konvensyen Pendidikan dan Penyelidikan Keselamatan dan Kesihatan Pekerjaan (KKP)



Rakan NADMA Working Committee

The Rakan NADMA Working Committee Meeting gathered around 30 NGO representatives under the Rakan NADMA platform. Discussions focused on strategic planning based on terms of reference (TOR) for each three (3) Working Committee Groups. Tuan Roselin Rajab (Director SPKS Unit, Nadma) emphasized Rakan NADMA's role as a local, visible national asset.

October – November – December



APMCDRR 2024: Asia Pacific Ministerial Conference on Disaster Risk Reduction

The APMCDRR is the main platform in Asia and the Pacific to monitor, review and enhance cooperation for the implementation of the Sendai Framework for Disaster Risk Reduction 2015-2030 at the regional level. DPPC representatives presented on "Rejuvenating Women and Child-led Disaster Risk Reduction and Resilience Agenda in Malaysia"

Thank you, Japan International Cooperation Agency (JICA) for financial commitment & National Disaster Management Agency (NADMA) Prime Minister's Department Malaysia for endless support



Rakan NADMA Convention: Transforming DRR and Advancing National Resilience

The convention highlighted disaster risk reduction (DRR) efforts in Malaysia. Organized by NADMA and UTM it featured expert panels discussing global-local DRR strategies, resilience culture, and governance. The Deputy Prime Minister launched Rakan Nadma Rejuvenation Plan 2030 the initiative, underscoring the government's commitment with NGOs to resilience and climate action.

Full Article:

<https://news.utm.my/ms/2024/10/konvensyen-rakan-nadma-transformasi-drr-dan-pacu-negara-berdaya-tahan/>



Professional Training in Taiwan 2.0 Disaster Risk Management and Resilience



12th World Urban Forum (WUF) @ Cairo, Egypt

DPPC IN MEDIA 2024

AGENDA AWANI

CUACA BURUK, WASPADA BENCANA

SELASA • 8 OKTOBER 2024 • 8:30 MLM

Tonton di Saluran SBT (Live TV) - astroawani.com & Aplikasi Astro AWANI

AGENDA AWANI

MUSIBAH BENCANA: JAGA DIRI, JAGA SEMUA

RABU • 28 OGOS 2024 • 8:30 MLM

Tonton di Saluran SBT (Live TV) - astroawani.com & Aplikasi Astro AWANI

DIALOG TIGA PEMURU

CUACA BURUK... AWAS MUSIBAH TAK TERDUGA!

KHAMIS • 21 NOV 2024 • 8.30MLM

Tonton di Saluran SBT (Live TV) - astroawani.com & Aplikasi Astro AWANI

AGENDA AWANI

MUSIBAH BENCANA: JAGA DIRI, JAGA SEMUA

RABU • 28 OGOS 2024 • 8:30 MLM

Tonton di Saluran SBT (Live TV) - astroawani.com & Aplikasi Astro AWANI

LIMESTONE KARSTS CONFLUENCE OF COMMERCE & CONSERVATION?

MONDAY - 8 JAN 2024 - 10 PM

Watch it on CH SBT (Live TV) - astroawani.com & Astro AWANI App

BERNAMA WORLD

MITIGATING URBAN SINKHOLES

28th AUGUST 2024 WEDNESDAY | 2:00 - 2:30 PM

Tonton di Saluran SBT (Live TV) - astroawani.com & Aplikasi Astro AWANI

BERNAMA WORLD

BANDAR YANG RAPUH: TINDAKAN DAN STRATEGI BAHARU

SELASA | 27 OGOS 2024 9:00 - 10:00 MALAM

Tonton di Saluran SBT (Live TV) - astroawani.com & Aplikasi Astro AWANI

HARI PENCEGAHAN LEMAS SEDUNIA 2024

ISININ | 22 JULAI 2024 9:15 PAGI

Tonton di Saluran SBT (Live TV) - astroawani.com & Aplikasi Astro AWANI

AGENDA AWANI

CUACA BURUK: HATI-HATI BANJIR, TANAH RUNTUH

RABU • 16 OKTOBER 2024 • 8:30 MLM

Tonton di Saluran SBT (Live TV) - astroawani.com & Aplikasi Astro AWANI

Utusan Malaysia

Utusan Malaysia

Utusan Malaysia

Monsun Timur Laut diramal lebih awal, minggu keempat bulan ini

BULETIN

TUMPAHAN - minta berjaga-jaga KPN | JIM gempur festival makanan, tahnai 5 penjaja wariga

NASIONAL

Tebatan banjir perlu dilakukan untuk pengurangan risiko - Ahmad Zahid

08 Oktober 2024, 5:27pm

BULETIN

TUMPAHAN - minta berjaga-jaga KPN | JIM gempur festival makanan, tahnai 5 penjaja wariga

NASIONAL

Tebatan banjir perlu dilakukan untuk pengurangan risiko - Ahmad Zahid

08 Oktober 2024, 5:27pm

Sinar

Monsun Timur Laut diramal bermula lebih awal

MAJLIS

MAJLIS

MAJLIS

Pasca banjir: Beri tumpuan bantu, penuhi keperluan mangsa banjir

Kos baik pulih pasca bencana boleh cecah 10 kali ganda berbanding kos pencegahan - Pakar

Research Field Survey for Debris Flow and Early Warning System

KUALA LUMPUR, 6 March - The Disaster Preparedness and Prevention Centre (DPPC), Malaysia-Japan International Institute of Technology (MIIT), was invited to participate in a field trip programme for the joint Project Formulation Field Survey for Debris Flow and Early Warning System in Hanoi, Vietnam. The 5-day field trip, which involved National Research Institute of Earth Science and Disaster Prevention (NIED), Japan and co-organized with Institute of Geological Sciences - Vietnam Academy of Science and

Research Field Survey for Debris Flow and Early Warning System

KUALA LUMPUR, 6 March - The Disaster Preparedness and Prevention Centre (DPPC), Malaysia-Japan International Institute of Technology (MIIT), was invited to participate in a field trip programme for the joint Project Formulation Field Survey for Debris Flow and Early Warning System in Hanoi, Vietnam. The 5-day field trip, which involved National Research Institute of Earth Science and Disaster Prevention (NIED), Japan and co-organized with Institute of Geological Sciences - Vietnam Academy of Science and

Localizing Global Action through Science and Technology for Disaster Resilience with International Collaboration and Smart Innovation

YAN, Aug 19 - The Science and Technology for Disaster Risk Reduction and Resilience (STR3) Week took place from August 17th to 19th, 2024, commemorating a three-year geological disaster in Jena, Gopark, Yan, Kedah. The aim of STR3 Week is to address the urgency of re-strategizing local action to prevent future climatic risks due to extreme weather events, urbanization, and human activities in a changing climate.

STR3 Week was jointly organized by the Disaster Preparedness and Prevention Center (DPPC), Malaysia-Japan International Institute of Technology (MIIT) and Indonesian

Konvensyen Rakan NADMA: Transformasi DRR dan pacu negara berdaya tahan

Oktober 14, 2024 - Persidangan & Seminar

Konvensyen Rakan NADMA: Transformasi DRR dan pacu negara berdaya tahan

Oktober 14, 2024 - Persidangan & Seminar

MAJLIS

MAJLIS

MAJLIS

MAJLIS

MAJLIS

MAJLIS

MAJLIS

MAJLIS

MAJLIS

DPPC and MIIT Complete Certified Training in Emergency Healthcare

May 10, 2024 - Conference & Seminar

Webinar Series Highlights Experience in Utilization of 3-D and Polymetric (3DP)

July 16, 2024 - Conference & Seminar

Webinar Series Highlights Experience in Utilization of 3-D and Polymetric (3DP)

July 16, 2024 - Conference & Seminar