



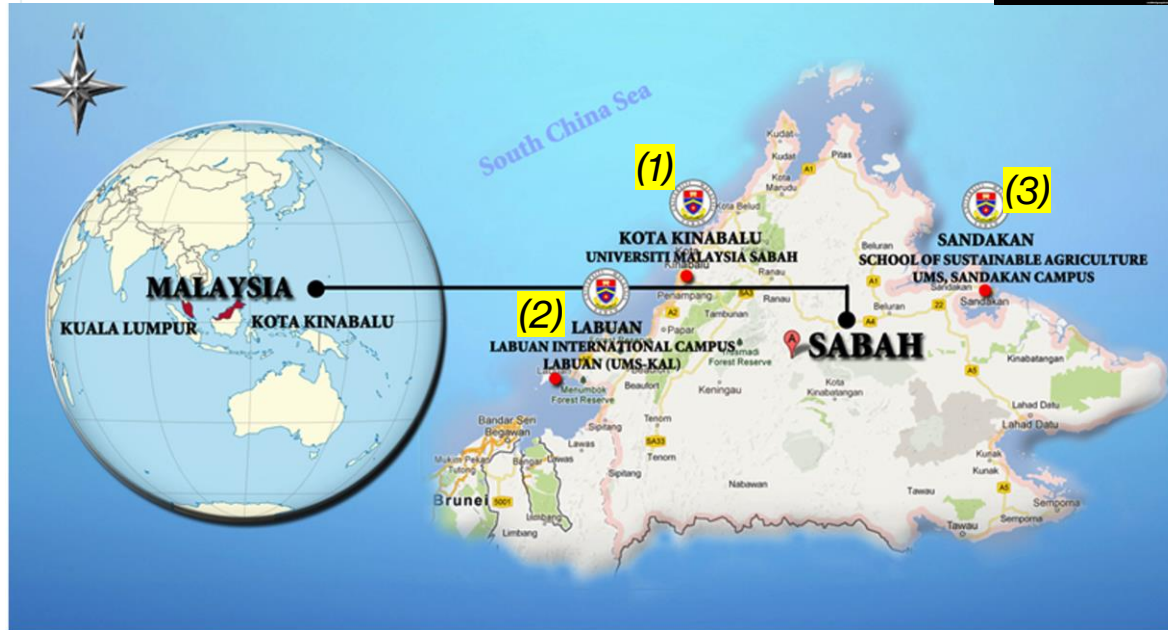
UMS
UNIVERSITI MALAYSIA SABAH



OPEN ASIA
UNIFYING SCIENCE, EMPOWERING INNOVATION

Introduction

1994



(1). UMS Main Campus: Kota Kinabalu



(2). UMS Labuan International Campus



(3). UMS Sandakan Campus



Academic: 1,128
P&Support: 1,694
Total: 2,822*



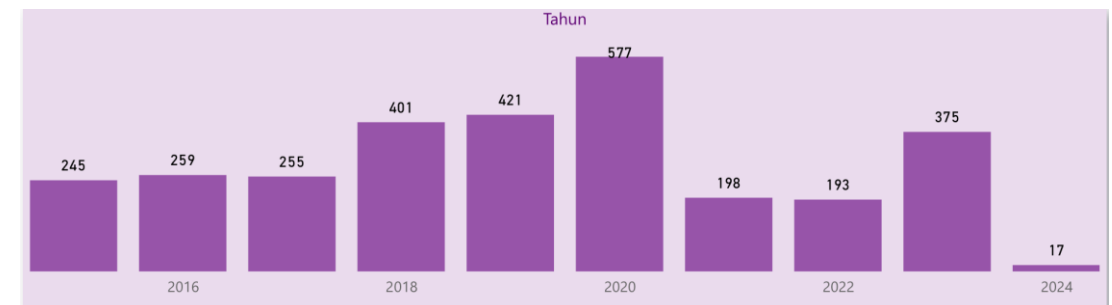
Faculty: 11
Centre: 2
Academy: 1
Institute: 4



Undergraduate: 15,932
Postgraduate: 3,010
Total: 18,942



Science & Tech: 77
Social Science: 74
Total: 151 program



- Number of new research grants @UMS

- *not including UMS Hospital (3,351)

Mission & Vision



UMS strives to be an innovative university of global standing



UMS strives to achieve academic excellence and international recognition through its attention to learning and teaching, research and publications, social services and balance in knowledge specialization. The university also prioritizes the personal growth of its students, resulting in greater innovation and productivity for the benefit of society and the nation as a whole.

OPEN SCIENCE @ UMS



UMS

UNIVERSITI MALAYSIA SABAH

UNIVERSITY WORKING GROUP



OPEN ASIA

UNIFYING SCIENCE, EMPOWERING INNOVATION



DEPUTY VICE CHANCELLOR (R&I)
INSTITUTIONAL PROJECT LEADER



HEAD OF LIBRARY
(DATA ARCHIVING & science shop)



CHIEF DIGITAL OFFICER
(ASST. PROJECT LEADER)



REGISTRAR
(OS POLICY & PROMOTION)



RMC DEP DIRECTOR (STRATEGIC)
(PROJECT COORDINATOR, OS
POLICY & science shop)



CIDM DIRECTOR
(OS INFRASTRUCTURE
DEVELOPMENT)



PLUMS DIRECTOR
(OS COURSE IN PG PROGRAM)

POLICIES AND GUIDELINES

- UMS Data and Information Policy (2019) -
 - Dasar Data dan Maklumat UMS (2019)
- UMS Institutional Repository Policy
 - Dasar Repositori Institusi UMS (UMSIR)
- UMS Data and Information Collection Guideline (2019) -
 - Garis Panduan Pengumpulan Data dan Maklumat UMS (2019, pindaan terkini tahun 2022)
- UMS Data Application and Submission Guideline (2019) -
 - Garis Panduan Permohonan dan Penghantaran Data UMS (diluaskan tahun 2019, pindaan terkini tahun 2023)
- UMS Open Data Guideline (2023) -
 - Garis Panduan Data Terbuka UMS



UMS
UNIVERSITI MALAYSIA SABAH



OPEN ASIA
UNIFYING SCIENCE, EMPOWERING INNOVATION

DASAR DATA DAN MAKLUMAT UMS

1.0 TUJUAN

Menyatakan tanggungjawab pihak yang terlibat dengan penyediaan, pengesahan dan pengeluaran data dan maklumat di Universiti Malaysia Sabah (UMS).

2.0 SKOP

Skop dasar ini meliputi tanggungjawab JPIL Maklumat (PPDM) berkaitan ciri utama, penghantaran data dan maklumat UMS.

3.0 CIRI-CIRI UTAMA DATA DAN MAKLUMAT

Data dan maklumat hendaklah memenuhi kriteria

3.1 Kerahsiaan
Maklumat tidak boleh didedahkan se
diakses tanpa kebenaran selaras de
Peribadi 2010 dan MS ISO 27001:20

3.2 Integriti
Data dan maklumat hendaklah tepat d
dengan cara yang dibenarkan selara
(ISMS).

DASAR REPOSITORI INSTITUSI UNIVERSITI MALAYSIA SABAH (UMSIR)

1. PENDAHULUAN

Dasar ini menetapkan prinsip dan teras pengurusan bahan bagi Koleksi Repositori Institusi Universiti Malaysia Sabah (UMSIR) yang perlu dipatuhi dan dilaksanakan oleh semua pengguna Universiti Malaysia Sabah (UMS).

2. LATAR BELAKANG

2.1 Perpustakaan Universiti Malaysia Sabah (UMS) telah diwujudkan pada pengurus dan penyimpan maklumat bagi menyokong pengajaran, per

2.2 Perpustakaan UMS juga telah dipertanggungjawabkan untuk menyir (UMS). Fungsi ini telah dilaksanakan sejak tahun 2000 dengan mejuj, ilmiah daripada graduan pertama universiti pada tahun 1999.

2.3 Bagi memastikan koleksi ini mudah dicapai oleh pelanggan perpust Universiti Malaysia Sabah (UMSIR) dalam bentuk digital telah digi perkembangan ini sememangnya sejajar dengan keperluan semua i 'edakan maklumat' yang membawa gaya hidup berteraskan peng anywhere, dan ini juga selaras dengan Statut dan Perlembagaan Kewajiban Ketua Pustakawan).

3. SKOP

Dasar Repositori Institusi Universiti Malaysia Sabah (UMSIR) ini terpakai ke Sabah (UMS) sama ada yang dihasilkan oleh ahli akademik, bukan akademik

GARIS PANDUAN PENGUMPULAN DATA DAN MAKLUMAT UNIVERSITI MALAYSIA SABAH (UMS)

1.0 TUJUAN

Garis Panduan ini menjelaskan dan menetapkan prosedur pengumpulan data dan maklumat selaras dengan **Dasar Data Dan Maklumat UMS**.

2.0 TAFSIRAN

Melainkan sesuatu itu terjelas maksudnya dalam peraturan ini, tafsiran di bawah ini hendaklah diikuti :

Data Universiti' bermaksud data dan maklumat kakitangan, pelajar, penyelidikan & penerbitan ,institusi, kewangan dan data lain yang difikirkan jai.

FPiB Pemilik Data' bermaksud Jabatan, Akademi, Fakulti, Pusat, Institut Bahagian yang mempunyai data dan maklumat universiti.

M' bermaksud Jawatankuasa Data Dan Maklumat UMS.

GARIS PANDUAN PELAKSANAAN DATA TERBUKA UNIVERSITI MALAYSIA SABAH (UMS)

1.0 TUJUAN

Garis Panduan ini bertujuan memberikan panduan pelaksanaan data terbuka UMS selaras dengan Pekeliling Am Bil.1 Tahun 2015: Pelaksanaan Data Terbuka Sektor Awam yang telah di keluarkan oleh Jabatan Perdana Menteri Malaysia bertarikh 30 September 2015 seperti di **LAMPIRAN 1: PEKELILING AM BIL.1 TAHUN 2015: PELAKSANAAN DATA TERBUKA SEKTOR AWAM.**

2.0 LATAR BELAKANG

VIRTUAL INFRA

- Enterprise Architecture UMS
- UMS Data Architecture
- Data Warehouse – DWH@UMS
 - Centralised Data Repository
 - Data Integration and Standardisation
 - Scalability and Performance
 - Data Governance and Security
- Big Data Analytics
 - Dashboards and Advanced Analytics
 - Data Lake



OPEN EDUCATIONAL RESOURCES

- iOER

OPEN EDUCATIONAL RESOURCES

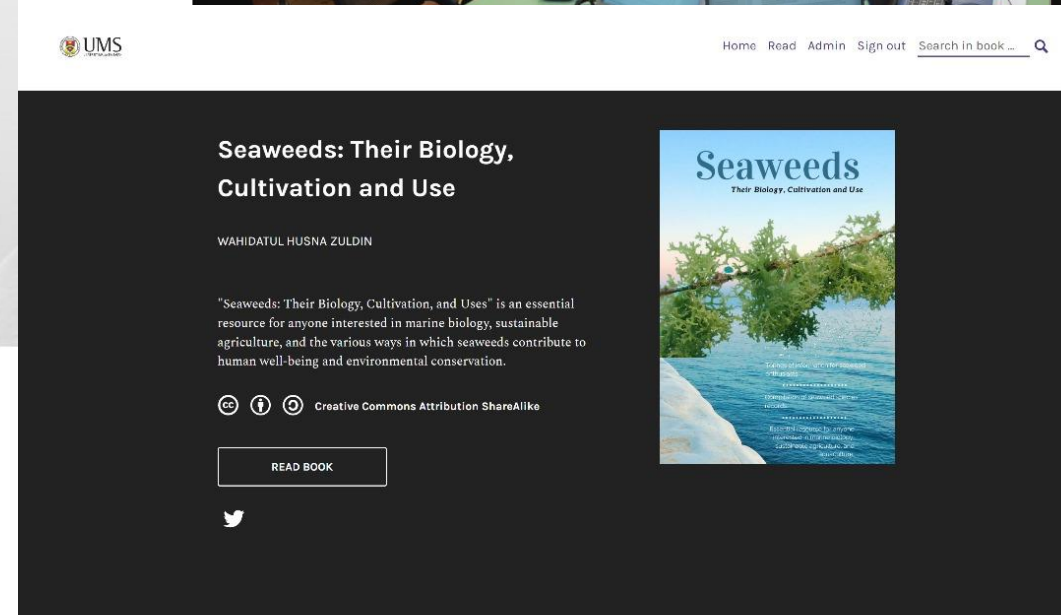
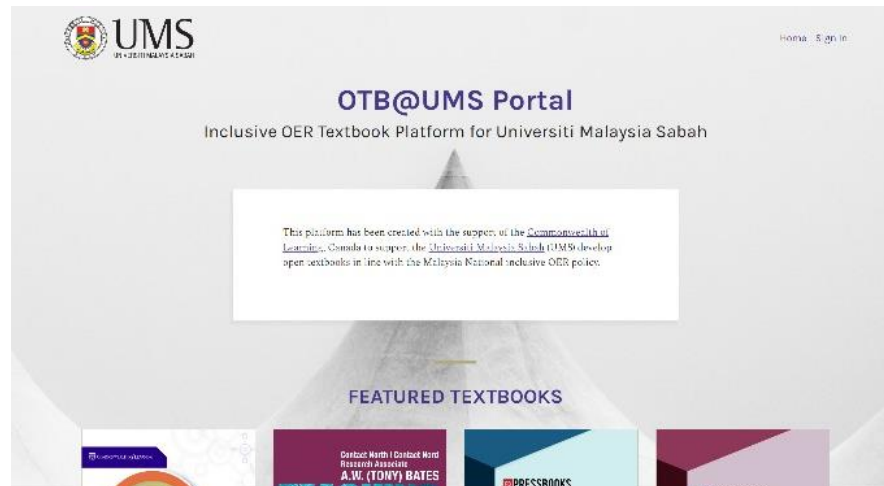
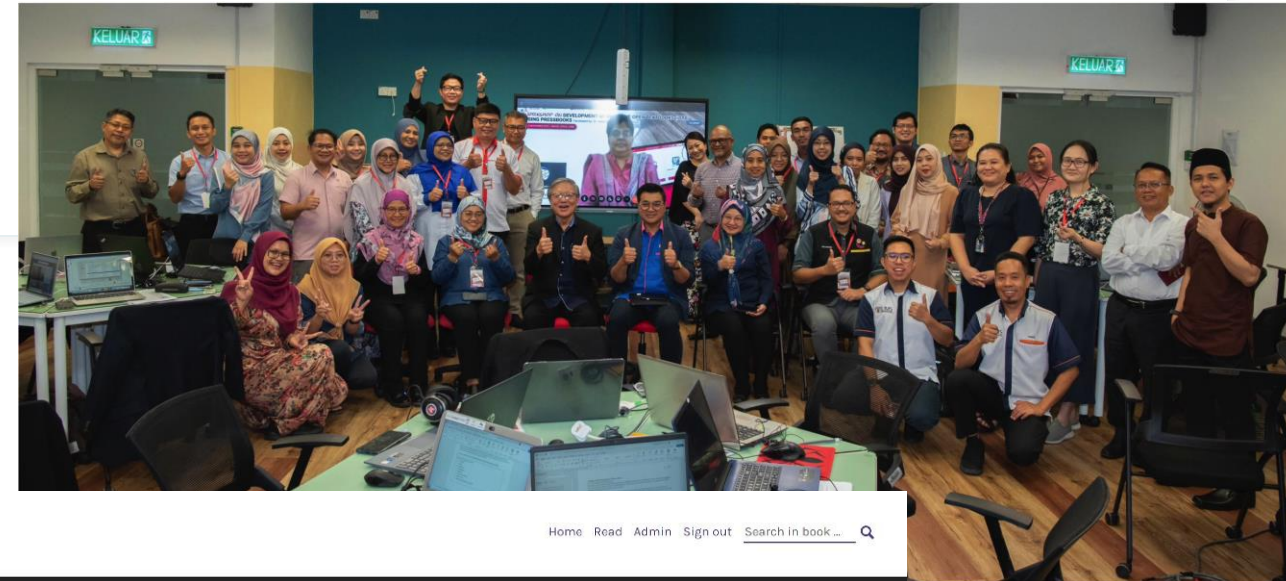
- iOTB@UMS (Open Text Book sharing platform)



UMS
UNIVERSITI MALAYSIA SABAH



OPEN ASIA
UNIFYING SCIENCE, EMPOWERING INNOVATION



- 1st OTB Workshop With Commonwealth of Learning (COL) Canada
- Nov 2023
 - Participants – selected IHLs

SCIENTIFIC PUBLICATIONS

- **UMS Institutional Repository**



UMS
UNIVERSITI MALAYSIA SABAH



OPEN ASIA
UNIFYING SCIENCE, EMPOWERING INNOVATION

LIVING LAB UMS

- > 15 registered living laboratories since Mar 2023

Kundasang Compost Living Lab

(Faculty of Engineering, Universiti Malaysia Sabah)

about RESEARCH...

Kundasang Compost Living Lab explores an important aspect of a bio-mechanical processing system including compost mixture optimization in enhancing Kundasang communities sustainable waste management towards circular economy.

LOCATION...

Opposite to Kinabalu Pine Resort

FACILITIES

Rural Medicine Research Living Lab (RMRL)

UMS FSK

RMRL is a healthcare initiative based in Rural Medicine Education Centre (RMEC), Kudat, and part of the Rural Medicine and Research Laboratory under the Faculty of Medicine & Health Sciences (FMHS), Universiti Malaysia Sabah (UMS). Its focus is on improving the quality of life of the rural population in Kudat, North Sabah, through healthcare interventions that aim to prevent and reduce cases and deaths caused by communicable and non-communicable diseases. RMRL has a long-term goal of promoting better health outcomes for the community through research and innovation.

Establishment

RMRL was established as a manifestation of the Vice Chancellor's aspiration to make UMS a leader towards an innovative society. It also aligns with the Sabah Maju Jaya Development Plan (SMJ) 2021-2025, specifically under the aspect of Human Capital and People's Well-being. The establishment of RMRL aims to further increase the impact of UMS on the society of Sabah and the country, in line with the university's mission and vision since its establishment in 1994. RMRL serves as an added value and empowerment to the function and purpose of the establishment of RMEC since 2009. The lab's focus on rural medicine and research is part of a larger effort to promote better health outcomes and improve the quality of life for communities in rural areas.

The team

Dr. Mohd. Faizal Madrim
Prof. Dr. Muhammad Saifur
Assoc. Prof. Dr. Syarif Shahrizan
Assoc. Prof. Dr. Richard Anst
Assoc. Prof. Dr. Azzan Omar
Dr. Zulfahmi Nizam Sidiq Ahmad
Dr. Muhammad Asli Aid Rahim
Dr. Azman AIS @ Aami
Dr. Abdul Rahman Ramdhan
Dr. Alaudin Hidayat
Dr. Nurhisham Anst
Dr. Benny Ghairin Joseph Muriel

BORNEENSIS Living Lab

Institute for Tropical Biology and Conservation
Galeri BORNEENSIS

UMS KAMPUS RAHMAN
TRANSFORMASI DAN INOVASI

WHAT are we?

BORNEENSIS Living Lab for Education for Sustainable Development (ESD) addresses contemporary sustainable development issues for multiple stakeholders at all age groups for resilient study-based and impact-driven climate actions towards **UNSDG2030** attainment and **global visibility** enhancement, environmentalism and sustainability literacy strengthening for better **human capital** in communities and pertinent **organizations/agencies/campuses**, and commercialization for industries via innovation in both processes and technologies **transformative platform** for ESD in higher education.

VISION - "Spearheading systematic, comprehensive, impactful and resilient ESD founded on the aspirations of UMS, Sabah, Malaysia and the world for sustainable development"

MISSION - "To initiate, implement, monitor, assess and document ESD to benefit sustainability awareness and visibility, research and publication, student capacity building, and support the development of community, industry and other agencies/organizations/campuses"

WHY ESD?

ESD is the integration of key sustainable development issues, e.g., climate crisis, waste management, circular economy, poverty reduction, equity, quality of life, and human right to a healthy environment into environmental education for value, attitude and mindset change via resilient and impactful framework underlining quality programmes.

WHERE & WHEN?

The Living Lab is incorporated into Galeri BORNEENSIS inaugurated on 13th MARCH 2016 as the public outreach service arm of the BORNEENSIS Collection on natural history of Sabah, Borneo of specimens, traditional knowledge & sustainable development data since 1996.

FORESTRY LIVING LAB SFERA@UMS

UMS Faculty of Tropical Forestry
Fakulti Perhutanan Tropika

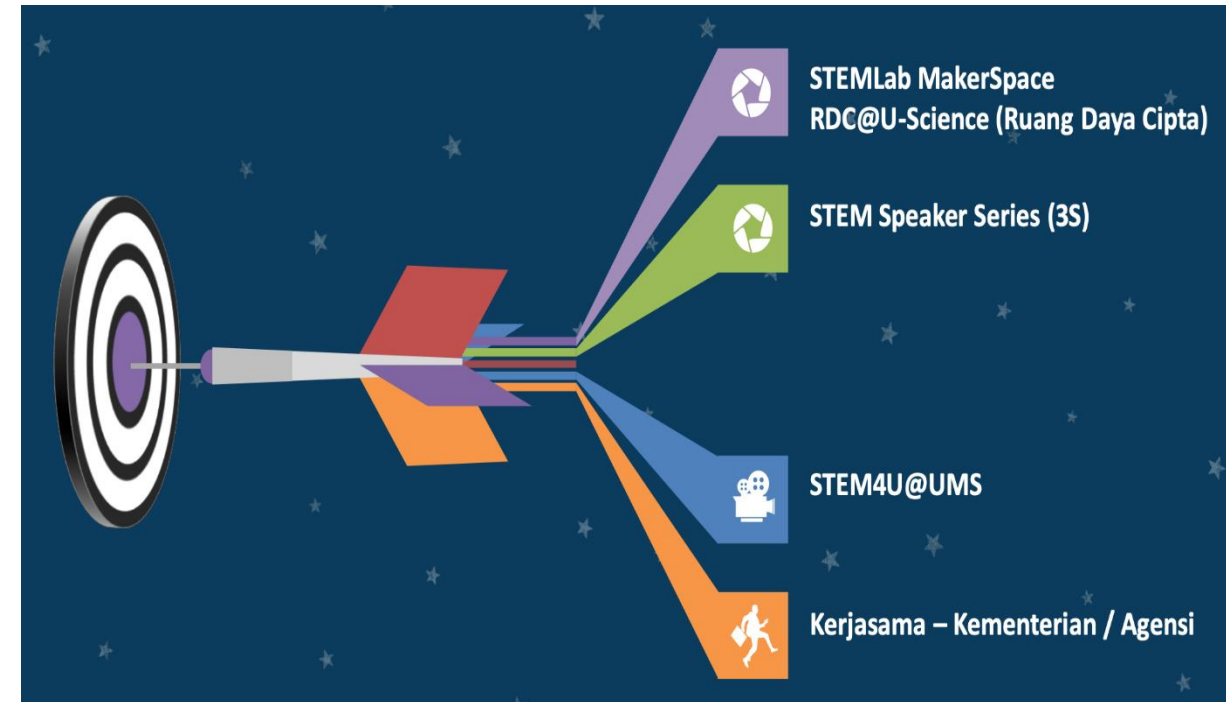
Forestry Living Lab SFERA@UMS (Sustainable Forest Education and Research Area) gazetted to the Faculty of Tropical Forestry as teaching, learning, and research forest on the 8th of November 2021 through the approval from JPU Meeting BIL 38/2021 (305). The total area of the forest is 62 acres comprised of Area 7, 8, 17, and 22e. It was officiated on the 22nd of June 2022 by Professor Datuk Dr. Taufiq Yap Yun Hin, the former UMS Vice-Chancellor.

CONTACT PERSON
normah@ums.edu.my
+6088-320000 ext 210200
https://www.ums.my/tpl/

UMS KAMPUS RAHMAN
TRANSFORMASI DAN INOVASI

U-Science@UMS

- Learning Science, Technology, Engineering and Mathematics (STEM) in a creative way to attract the interest of the community
- Encouraging the interest of school students and the community in STEM fields





UMS
UNIVERSITI MALAYSIA SABAH



OPEN ASIA
UNIFYING SCIENCE, EMPOWERING INNOVATION

U-Science@UMS

UMS KSTI

GLOBAL MALAYSIAN ASTRONOMERS CONVENTION
ROADSHOW SABAH

28 - 29 JANUARY 2023
U-SCIENCE UMS KOTA KINABALU

frogasia AUTO-CITY

KSTI

MINGGU SAINS NEGARA 2023
PERINGKAT NEGERI SABAH
24-26 OGOS 2023
KOMPLEKS DEWAN KULIAH/PUSAT KE-2,
UNIVERSITI MALAYSIA SABAH

DENGAN KERJASAMA UNIVERSITI MALAYSIA SABAH

IMBAS KOD QR UNTUK
MAKLUMAT LANJUT

UMS

UMS

Majlis Penyerahan
MOBILE THEMATIC EXHIBITION (MTE)
PUSAT SAINS NEGARA
KEPADA U-SCIENCE UMS

2:30 Petang | 17 Ogos 2023 (Khamis)
U-Science, Universiti Malaysia Sabah

Disempurakan oleh:
YB DATUK ARTHUR JOSEPH KURUP
TIMBALAN MENTERI SAINS, TEKNOLOGI DAN INOVASI (MOSTI)

UMS KSTI U-SCIENCE

SYOKNYA!! CUTI SEKOLAH

Anda tidak ada tempat hendak dihidu?
Mahu anak anda explore benda baharu?
Jom! Datang ke U-Science. Portogal aktiviti seru nak mencari anda di sini.

Scan di sini untuk
penyertaan

PUSAT SAINS NEGARA
UMS KOTA KINABALU

Tarikh:
20 Feb-
17 Mac

Masa:
9 am - 4 pm

Tempat:
U-Science,
UMS

AK-TiMi
Mewarnai STEM, Bunga api & Rama-rama kertas, Bebola Aluminium
melompat, Obor-obor terbang, Pembakaran, Lampu / Bateri Ubi Kentang.
Mevana bersama alam semulajadi, robot coding, pameran sains &
banyak lagi!

SEKARANG PERTANYAAN HUBUNGI:
Pn. SATON MUI BELLER (090809988)
(EN. MALCOLM (090982222))

KSTI

KEMBARA SAINS BORNEO
SIRI 2 TAHUN 2023

9 KIMANIS
9 KALABAKAN
9 PENSIANGAN

15-17 September 2023
Dewan Kesenian Islam Membalik

22-24 September 2023
Dewan Sema' Bakti, Felda Gurusung Umas

29 September - 1 Oktober 2023
Dewan Serbaguna dan Pentas
Terbuka Majlis Daerah Kulamayan

Penyertaan adalah PERCUMA & TERBUKA kepada umum

UMS

U-SCIENCE UMS KSTI PPST

KARNIVAL STEM ASASI UMS
2023
PPST Day FUN!

PPST OPEN DAY, FUNGLAS, TAKLIMAT JOMBASATI, STELLING BEE,
YOUNG SCIENTIST SCIENCE SHOW, FOOD TRUCK &
MAJLIS PERASMEAN PENUTUPAN KARNIVAL STEM PPST

Tarikh:
9 OGOS
2023

Tempat:
Bangunan
PPST, UMS

Masa:
7.30 pagi -
5 petang

SCAN ME

LOKASI BANGUNAN PPST

UMS U-SCIENCE

BORNEO HACKATHON
COPE. IGNITE. INNOVATE

DATE
11-13
AUG
23

VENUE
U-SCIENCE
UMS

1 TEAM (1-3 PERSON)
REGISTRATION UNTIL 4 AUGUST 2023
OPEN TO ALL IPT STUDENTS

PRIZE POOL
RM4000

CONTACT PERSON:
JOYANTARASA (013-9652290)
STAR (013-9652290)

FOR MORE INFO PLEASE VISIT:
WWW.INSTAGRAM.COM/umshackathon
WWW.FACEBOOK.COM/UMSHACK13
WWW.TWITTER.COM/UMSHACK13

SCAN ME! Register here

FKI UMS KSTI U-SCIENCE

SCIENCE&ART CAMP
14-15 OKTOBER 2023
U-SCIENCE, UMS

AKTIVITI HARI PERTAMA
14 OKTOBER 2023 (SABTU)

AKTIVITI HARI KEDUA
15 OKTOBER 2023 (AHAD)

TERMA & SYARAT

1. PERTANYAAN TERBUKA KEPADA SEMUA PELAJAR
SUKSES TERKAPAN & INOVASI TERKAPAN &
2. PERTANYAAN TERBUKA KEPADA PELAJAR
& KURUS TERKAPAN TERBUKA & PELAJAR TERKAPAN
KINERJANYA TERBUKA TERBUKA & PELAJAR TERKAPAN
TERBUKA TERBUKA & PELAJAR TERKAPAN

DAPAT DITAMU

TECH SAINS UMS KSTI

MARVELOUS

12 DESEMBER 2023 SELASA | 9.30 PAGI | U-SCIENCE UMS

MENAKAH AIP RAVI, GUNTUR, MOHAMMAD FIKRI BIN ALI, BEN, NATASHA ANAK NAGA,
SKYLAR, NUR ALYA SHAZLIANI BINTI MOHD SAMUEL, BAHARI, BISH, MEKAR, NURFARISA,
ATHIRAH BINTI MOHD SUFRIAN, SION



UMS
UNIVERSITI MALAYSIA SABAH



OPEN ASIA
UNIFYING SCIENCE, EMPOWERING INNOVATION

BorIIS: Borneo Institute for Indigenous Studies) UMS





UMS
UNIVERSITI MALAYSIA SABAH

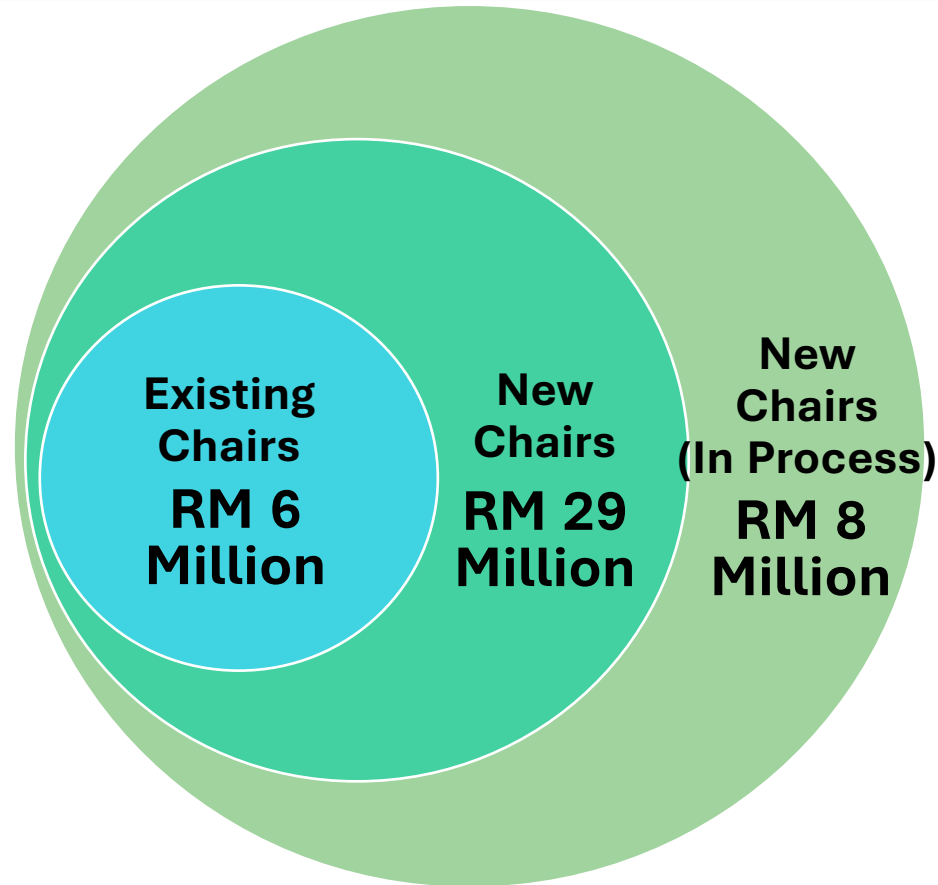


OPEN ASIA
UNIFYING SCIENCE, EMPOWERING INNOVATION

EXAMPLE OF INITIATIVES

- Marginalised scholar – UMS academic scholarship for marginalised university students
- Local Communities – Centre for Sustainable Society Engagement (PKLM) UMS

CROWD FUNDING: CHAIR ENDOWMENT (EXAMPLE)



UMS
UNIVERSITI MALAYSIA SABAH



OPEN ASIA
UNIFYING SCIENCE, EMPOWERING INNOVATION

Existing | ≤ 2022

RM2M | Kursi Kadazan Dusun (FSSK)

RM2M | Kursi Pengurusan Kelestarian Kelapa Sawit FGV (FPL)

RM2M | Kursi Perhutanan Lestari Kelvin Tan Aik Pen (FPT)

New | 2022-2024

RM4M | Kursi Rumpun Bajau Sama (ASTIF)

RM2.5M | Kursi Muallaf (FIS)

RM2.5M | Kursi Keharmonian Sosio Agama (BORIS)

RM5M | Kursi Regenerative Agriculture and Biodiversity (ECOFARM)

RM5M | Kursi Walit and Food Plabt Industry (ECOFARM)

RM5M | Kursi Biodiversiti (IBPT)

RM5M | Kursi Perhutanan Tropika (FPT)

In Process | ≥ 2024

RM2M | Kursi Petroleum Hydrocarbon and Sustainable Energy (FKJ)

RM2M | Kursi Renewable Energy and Sustainable Technology (FKJ)

RM2M | Kursi Perubatan dan kesihatan Awam (FPSK)

RM2M | Kursi Budaya India dan Pendidikan (FPP)

THANK YOU

