



# **Libraries as Catalysts for Sustainable Research Innovation**

Prof. Dr. Habibah Binti A Wahab  
Deputy Vice Chancellor (Research and Innovation)  
Universiti Sains Malaysia

# Table of Contents

01

**Introduction to USM and USM library**

02

**Library Today**

03

**Library's Role in Sustainable R&I**

- Facilitating in interdisciplinary collaboration (light-letters)
- Integrating technology (e-publication)
- Expert guidance and support (training for researchers and students)
- Promote culture and enquiry (open science)
- Preservation and accessibility of knowledge & Access to comprehensive resources (databases, physical collection & e-collection)
- Connecting global research and communities (ACS on campus, ELSEVIER librarian summit)



# 01 Introduction to USM & USM Library

# World's Standing

# #4


GLOBAL IMPACT RANKING





# #137



## We operate from 7 locations

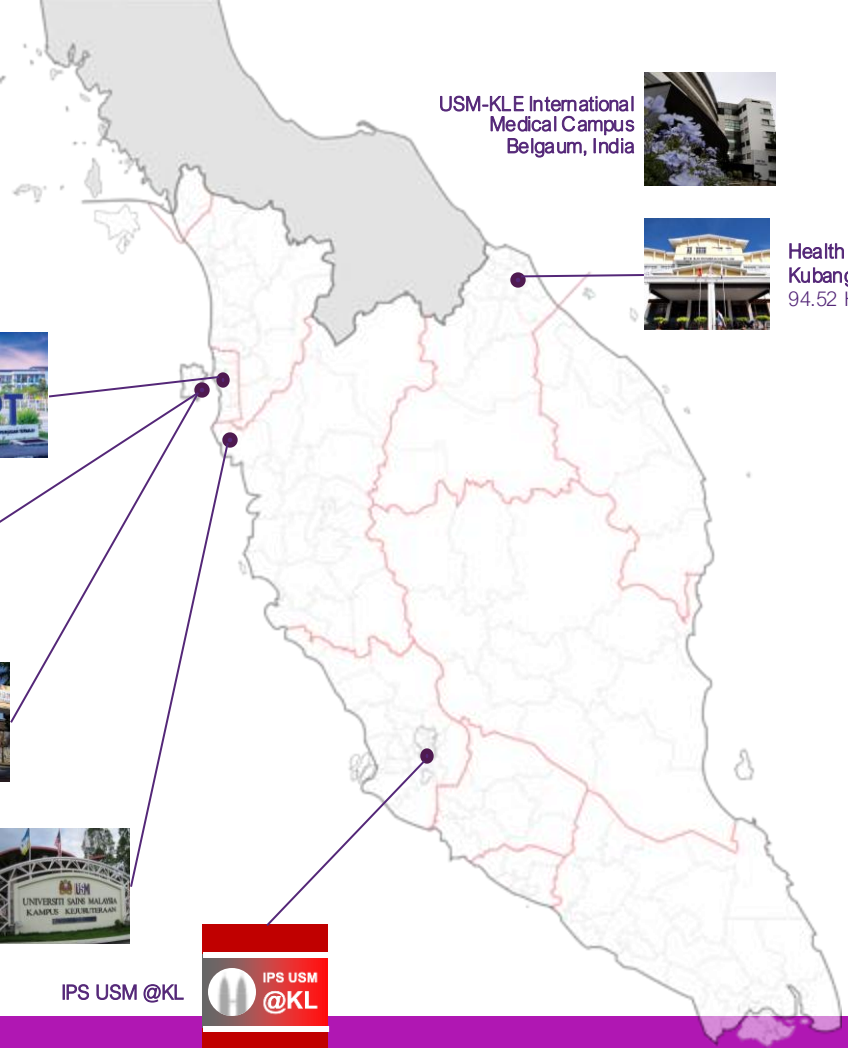
- IPPT Bertam**  
45.65 Hectares  

- Main Campus Minden**  
233.66 Hectares  
+CEMACS – Teluk Bahang (1.46)  

- Sains@USM Bukit Jambul**  
12.58 Hectares  

- Engineering Campus Nibong Tebal**  
147.34 Hectares  


USM-KLE International Medical Campus  
Belgaum, India



Health Campus  
Kubang Keratan  
94.52 Hectares



IPS USM @KL



# USM: Fast Facts



## Top 100 for 2 Subject

### 1. Pharmacy & Pharmacology

- #2 In Malaysia
- #76 Globally

### 2. Education

- #2 in Malaysia
- #89 Globally

## Top 200 for 14 Subject Areas including:

### 1. Social Sc. & Management

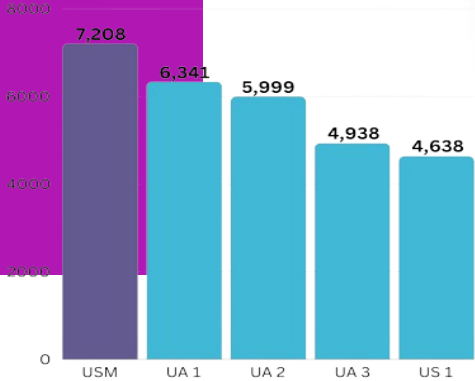
- #183 Globally

### 2. Engineering & Technology

- #186 Globally

# USM In Numbers

Highest Enrollment of International Students Among HEI (2023)



**92.8%**

USM's GE

**91.6%**

National GE

## USM STUDENTS

**38,195**

TOTAL

**22,527**  
UNDERGRAD

**21,586**  
LOCAL

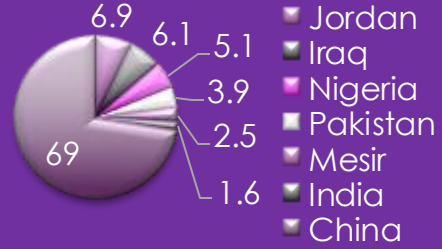
**941**  
INTERNATIONAL

**15,668**  
POSTGRAD

**6,582**  
LOCAL

**4,571**  
INTERNATIONAL

## Countries of International Students



## USM STAFF

**9,674**

TOTAL

**9**

TOP MANAGEMENT

**2,052**

ACADEMICS

**1,126**

MANAGEMENTS & PROFESSIONALS

**6,486**

SUPPORTING



# USM SCHOOLS



## RESEARCH CENTER: HICEO & COE



### PENANG MAIN CAMPUS

#### Applied Sciences

School of Housing, Building and Planning  
School of Industrial Technology  
School of Pharmaceutical Sciences  
School of Computer Sciences

#### Applied Arts

School of Educational Studies  
School of Management  
Graduate School of Business (GSB)  
School of Communication  
School of the Art

#### Pure Arts

School of Languages, Literacies and Translation  
School of Humanities  
School of Social Sciences

#### Pure Sciences

School of Biological Sciences  
School of Chemical Sciences  
School of Mathematical Sciences  
School of Physics

School of Distance Education  
Institute of Postgraduate Studies

### ENGINEERING CAMPUS

School of Electrical and Electronic Engineering  
School of Materials and Mineral Resources  
Engineering  
School of Aerospace Engineering  
School of Chemical Engineering  
School of Civil Engineering  
School of Mechanical Engineering

### HEALTH CAMPUS

School of Health Sciences  
School of Medical Sciences  
School of Dental Sciences



### HI-CENTRES OF EXCELLENCE

National Poison Centre  
River Engineering and Urban Drainage Research  
Centre (REDAC)  
Institut for Research in Molecular Medicine  
(INFORMM)  
Centre for Drug Research

### CENTRE OF EXCELLENCE

#### Applied Sciences

Analytical Biochemistry Research Centre (ABrC)  
Centre for Global Sustainability Studies (CGSS)  
National Advanced IPv6 Centre (NAv6)  
Unit Terjemahan Melalui Komputer  
Malaysian Institute of Pharmaceuticals and Nutraceuticals

#### Applied Arts

Basic Education Research Unit (BERU)  
Centre for Instructional Technology and Multimedia  
National Higher Education Research Institute

#### Pure Arts

Centre for Global Archaeological Research  
Centre for Policy Research and International Studies (CenPRIS)  
Centre for Research on Women and Gender (KANITA)  
Centre for Education, Training and Research in Renewable Energy and Energy Efficiency (CETREE)  
Centre for Islamic Development Management Studies (ISDEV)  
Research and Education for Peace (REPUSM)

#### Pure Sciences

Centre For Chemical Biology (CCB)  
Centre For Marine & Coastal Studies (CEMACS)  
Vector Control Research Unit (VCRU)  
Unit Penyelidikan Ilmu Falak & Sains Atmosfera

#### Medical

Advanced Medical & Dental Institute (AMDII)  
Pusat Genom Manusia (Pusat Vitual)

#### Engineering

Pusat Kecemerlangan Kejuruteraan (CEE)  
Collaborative Microelectronic Design Excellence Centre (CEDEC)  
Science & Engineering Research Centre (SERC)  
Institute of Nano Optoelectronics Research and Technology (INOR)

# INFRASTRUCTURE

## EMPOWERING STUDENTS' EXPERIENCE

LECTURE HALL



PURPLE REPUBLIC



Realising USM's H.E.B.A.T\* agenda

Hostel room facelift

Creative spaces, studios and entrepreneurship hub

Student leaders' lounge, cultivating future leadership

UMAH RONALD MCDONALD HUSM



LEARNING SPACE



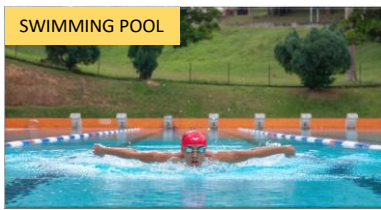
SYNTHETIC FOOTBALL FIELD



ENGINEERING CAMPUS LAKE



SWIMMING POOL



THE BRICKS



STUDENT HOSTEL



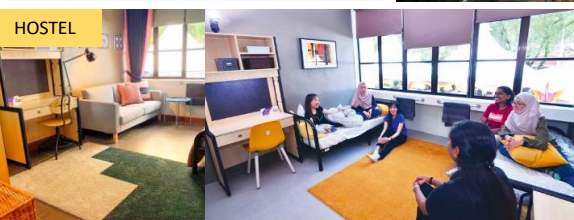
MINDER 11800



STUDENT LOUNGE



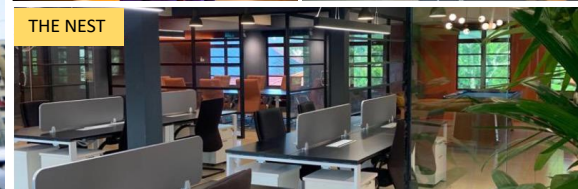
HOSTEL



SPORTS ARENA



THE NEST

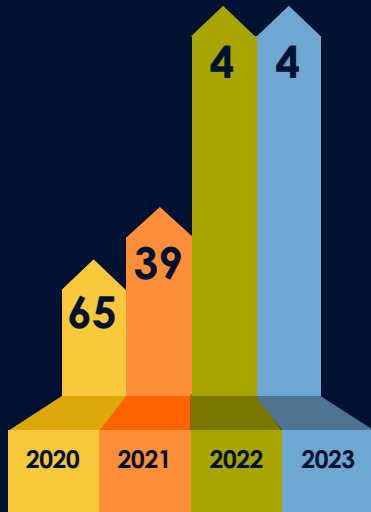




# USM is a Sustainability Research Led University

## Mengekalkan Kecemerlangan USM

Sebagai Universiti Peneraju Kelestarian



**16** PEACE, JUSTICE AND STRONG INSTITUTIONS  
**SDG 16**  
 Peace, Justice and Strong Institutions  
**1<sup>st</sup>**

**17** PARTNERSHIPS FOR THE GOALS  
**SDG 17**  
 Partnership for the Goals  
**6<sup>th</sup>**

**2** ZERO HUNGER  
**SDG 2**  
 Zero Hunger  
**7<sup>th</sup>**

**1** NO POVERTY  
**SDG 1**  
 No Poverty  
**8<sup>th</sup>**

## SUSTAINABLE DEVELOPMENT GOALS

**1** NO POVERTY  
 Increase income of communities / participants through market / business chains.

**10** REDUCED INEQUALITIES  
 The group of Bumiputera B40 especially in rural areas can increase their income and reduce the income gap in urban areas.

**4** QUALITY EDUCATION  
**Knowledge** transfer from the academician's expertise to the community through the introduction of innovations in order to improve knowledge and skills in the cultivation and livestock sector in line with current technology

**11** SUSTAINABLE CITIES AND COMMUNITIES  
 Community involvement in the cultivation and livestock sector leads to natural sustainability especially in rural areas and reduce mobilizations to the city.

**8** DECENT WORK AND ECONOMIC GROWTH  
 The provision of employment opportunities to the **community** to **generate** income and **improve** the economy in the cultivation and livestock sector.

**12** RESPONSIBLE CONSUMPTION AND PRODUCTION  
 The community as a producer plays a role in generating productivity and connecting industry players as intermediaries for sale to buyers / consumers.

**9** INDUSTRY, INNOVATION AND INFRASTRUCTURE  
 The latest innovations can improve the quality and quantity of productivity.

**17** PARTNERSHIPS FOR THE GOALS  
 The role of industry players and the government agencies plays an important role in contributing to the economic growth of the group of Bumiputera B40 especially in rural areas.

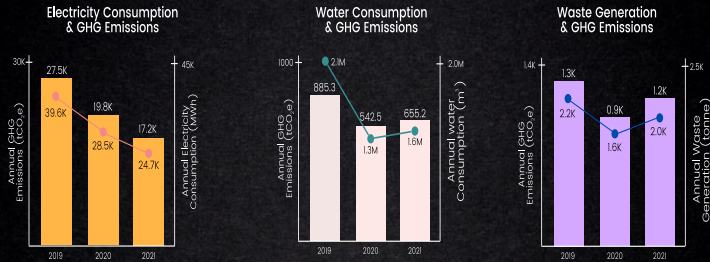


# USM'S ESG COMMITMENT

Environmental,  
Social & Governance



## CARBON FOOTPRINT



- Carbon footprint electrification reduction of 37.5% in 2021 (from 2019) which equates to 10,286.95 tCO<sub>2</sub>e, equivalent to a reduction of 14,822.69 MWh
- Carbon footprint water reduction of 26% in 2021 (from 2019) which equates to 230.15 tCO<sub>2</sub>e, equivalent to a reduction of 459,284 m<sup>3</sup>
- Carbon footprint waste reduction of 9.85% in 2021 (from 2019) which equates to 129.565 tCO<sub>2</sub>e, equivalent to a reduction of 220.9 tonne

## SOLAR@USM



**10.66MWp**

on-site rooftop system

**64%**

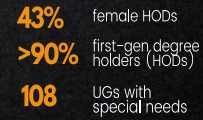
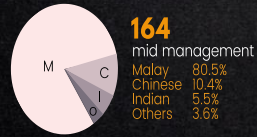
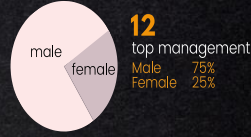
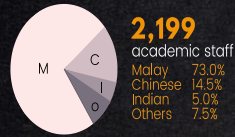
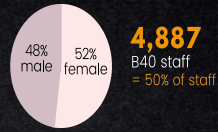
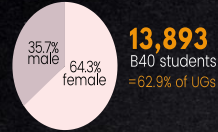
peak power demand

**22K**

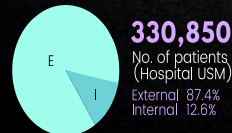
solar modules

**30%**

power cost saving



Note: USM also appoints the first Orang Asli as dean, and one international director



## GOVERNANCE

Sexual Harassment  
Core Committee  
(JK Teras Gangguan Seksual)

The Office of the  
Ombudsman

Integrity Unit

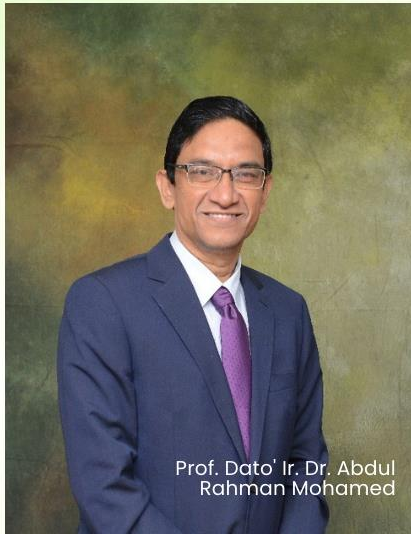
Internal Audit Unit



## **TECHNOLOGICAL PURSUIT OF SUSTAINABLE FUTURE**

A USM-PETRONAS strategic partnership to develop catalysts that convert CO<sub>2</sub> into high-value products

Transforming waste into wealth and reducing greenhouse gases



Prof. Dato' Ir. Dr. Abdul  
Rahman Mohamed

# STRENGTH

## FOUR (4) main RESEARCH STRENGTH



Advanced Materials



Environment & Water



Health & Well Being



Culture, Heritage, & Community  
Development



Strength are  
based on:

Publications



Consultancy,  
Training,  
Linkages

Recognition  
(Awards &  
Honors)



Grants  
(Research &  
Industrial)

Intellectual  
Properties, &  
Products



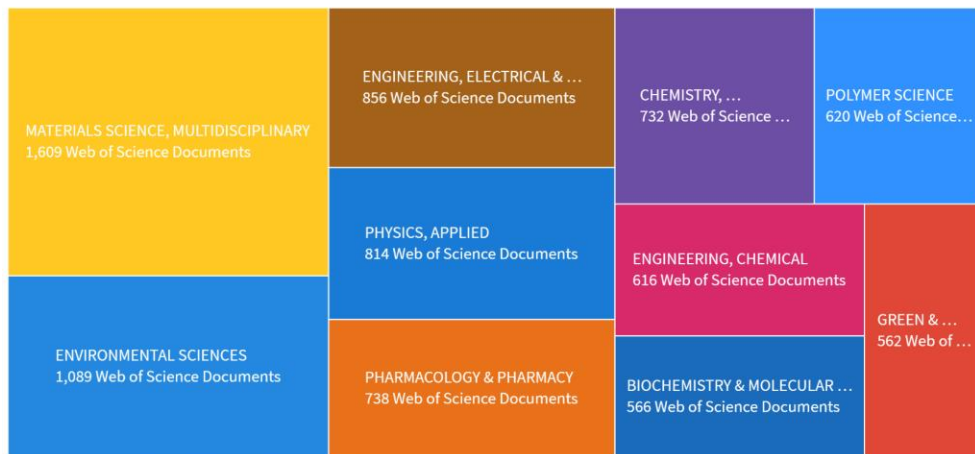
Academic  
Program  
(postgraduate)

# Web of Science

## WHAT USM RESEARCHERS PUBLISHED IN?

### Documents Published by WoS Categories

In which categories are authors publishing most?



Box size indicates Web of Science Documents ⓘ

Baseline for All Items  
17,501 Web of Science Documents

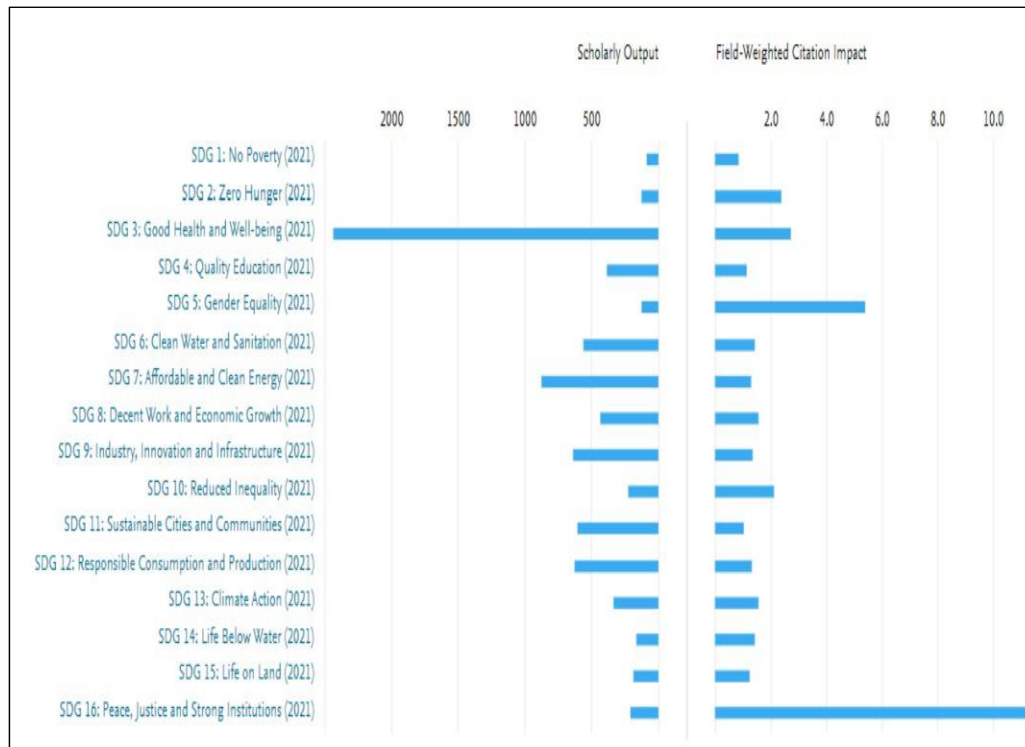
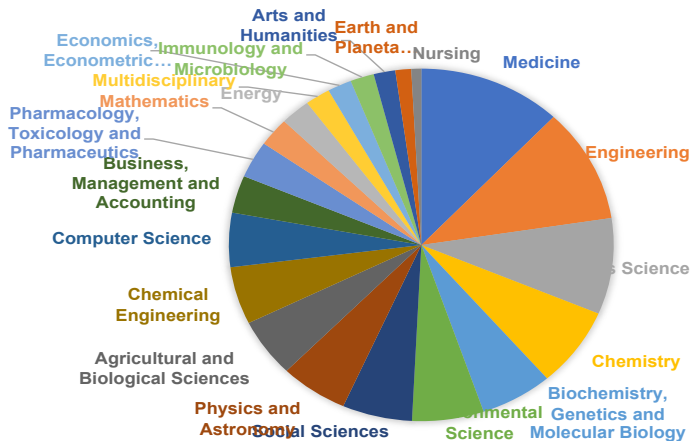
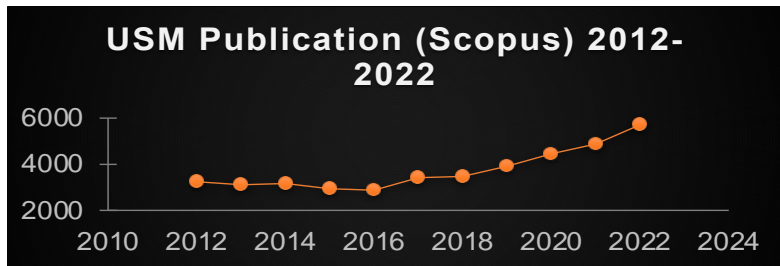
**Indicators:** Web of Science Documents. **Time Period:** 2018-2022. **Schema:** Web of Science. **Collaborates With ID Type Group:** name. **Person ID Type Group:** name. **Organization Name:** Universiti Sains Malaysia. **Dataset:** InCites Dataset  
InCites dataset updated Jan 27, 2023. Includes Web of Science content indexed through Dec 31, 2022. Export Date: Feb 8, 2023.

MATERIALS SCIENCE, MULTIDISCIPLINARY	1609
ENVIRONMENTAL SCIENCES	1089
ENGINEERING, ELECTRICAL & ELECTRONIC	856
PHYSICS, APPLIED	814
PHARMACOLOGY & PHARMACY	738
CHEMISTRY, MULTIDISCIPLINARY	732
POLYMER SCIENCE	620
ENGINEERING, CHEMICAL	616
BIOCHEMISTRY & MOLECULAR BIOLOGY	566
GREEN & SUSTAINABLE SCIENCE & TECHNOLOGY	562
PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH	538
COMPUTER SCIENCE, INFORMATION SYSTEMS	532
ENGINEERING, MULTIDISCIPLINARY	512
ENGINEERING, ENVIRONMENTAL	490
CHEMISTRY, PHYSICAL	469
ENGINEERING, CIVIL	433
ENERGY & FUELS	411
MEDICINE, RESEARCH & EXPERIMENTAL	403
FOOD SCIENCE & TECHNOLOGY	402
BIOTECHNOLOGY & APPLIED MICROBIOLOGY	388
EDUCATION & EDUCATIONAL RESEARCH	359

Data from



# OUR INCREASING NUMBERS & CONTRIBUTION TO SDG



# USM Library – library.usm.my



Puan Arinawati Ayob  
Chief Librarian

Librarian	48
Support Staff	112
<b>Total</b>	<b>160</b>

lib.usm.my/index.php

Gmail YouTube Welcome

USM APEX PERPUSTAKAAN

ABOUT US HOW TO USE THE LIBRARY ACADEMIC & RESEARCH SUPPORT LIBRARY AND THE COMMUNITY

LIBRARY HOURS AND LOCATIONS  
SPECIAL COLLECTIONS  
USM ARCHIVES

LIBRARY POLICIES STRATEGIC OVERVIEW  
WORKING AT THE LIBRARY  
CONTACT THE LIBRARY

LIBRARIAN LIST **NEW STUDENTS 2023/2024**  
LIBRARY BRANCHES  
HAMZAH SENDUT  
HAMDAN TAHIR  
ENGINEERING  
AMDI

My Account Off Campus Login OPAC Workshop Repository Download

**HAMZAH SENDUT**  
Operation Time  
Monday - Friday : 8.30 am - 9.30 pm  
Saturday & Sunday : 9.00 am - 4.30 pm  
Public Holiday : Closed

**HAMDAN TAHIR**  
Operation Time  
Sunday - Thursday: 8.30 am - 6.00 pm  
Friday & Saturday: Closed  
Public Holiday : Closed

**ENGINEERING**  
Operation Time  
Monday - Friday : 8.30 am - 9.30 pm  
Saturday & Sunday : 9.00 am - 4.30 pm  
Public Holiday : Closed

**AMDI**  
Operation Time  
Monday - Friday : 8.30 am - 5.00 pm  
Saturday & Sunday : Closed  
Public Holiday : Closed

WELCOME ONBOARD

Questions? Get answer here ...

https://lib.usm.my/index.php

# Perpustakaan Hamzah Sendut





# Arkib



# ➤ Facilities & Services





02

# Library Today

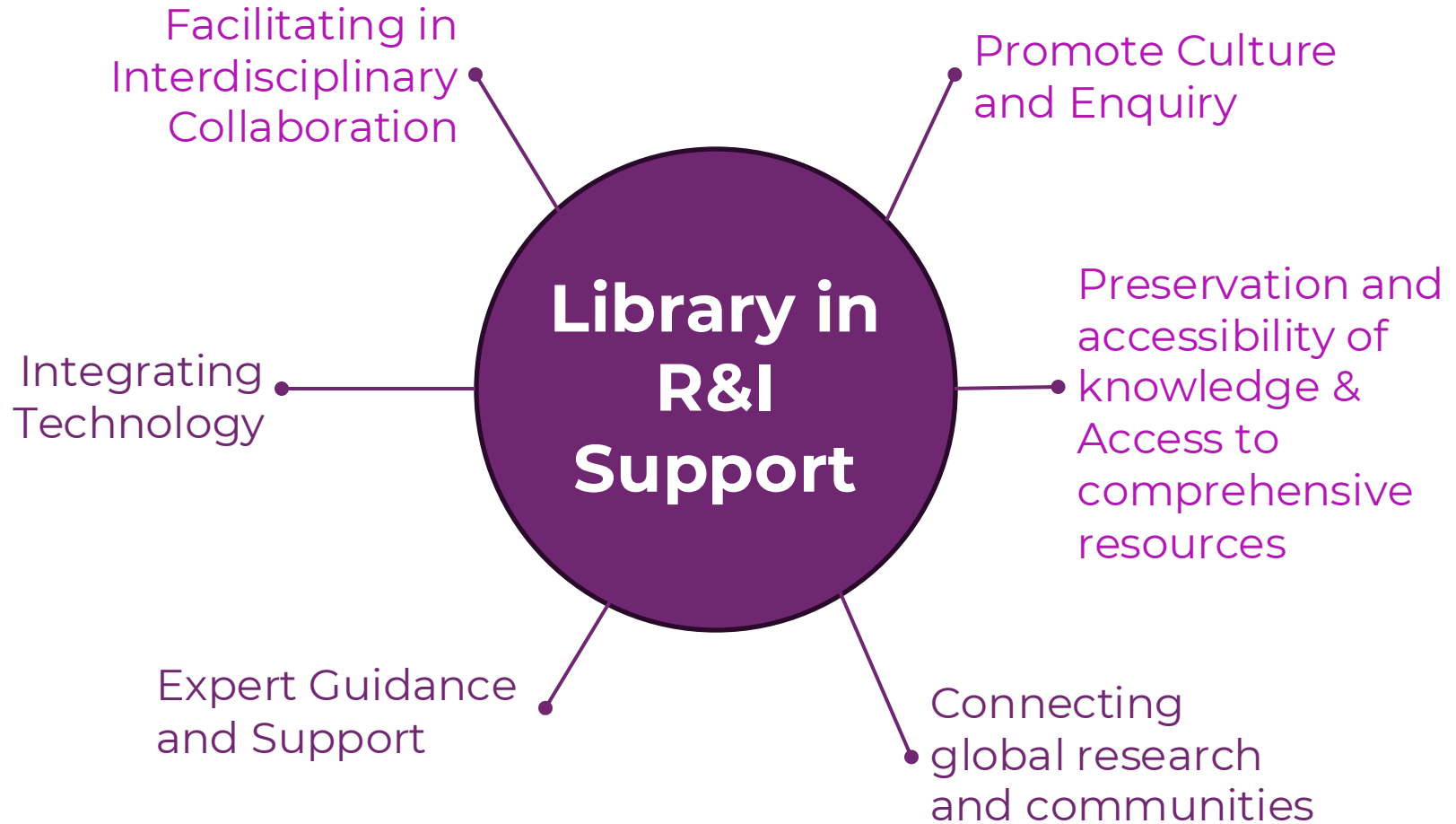
# Library today

Traditional	Role	Today
Acquiring and cataloging physical books and materials.	<b>Collection Management</b>	Curating digital resources, including e-books, databases, and multimedia content.
Providing in-person assistance at reference desks.	<b>Reference Services</b>	Offering virtual reference services via chat, email, and online platforms.
Managing physical checkouts and returns.	<b>Circulation and Loans</b>	Facilitating digital loans, interlibrary loans, and e-book lending.
Preserving physical archives and rare materials.	<b>Archiving and Preservation</b>	Digitizing and preserving digital archives, born-digital content, and cultural heritage.
Offering quiet reading rooms for individual study.	<b>Quiet Study Spaces</b>	Creating flexible, collaborative spaces that encourage group work and knowledge co-construction.



03

# Library's Roles in Sustainable R&I



# 1. Preservation and accessibility of knowledge & Access to comprehensive resources

## Databases, Physical Collection & E-collection



Printed  
Book & Journal  
**1,256,252**  
(Copies)



Collections  
**290,622**  
(Electronic  
Book)



Collections  
**146,280**  
(Electronic  
Journal)



Repository  
Institution  
**68,092**



Media  
Collections  
**75,165**



Databases  
**16**

# 2. Facilitating in Interdisciplinary Collaboration

## Examples: Light Letters

The Light Letters (1768-1794) is a collection of manuscripts, comprising 1,200 letters written in Jawi, bound in 11 volumes, which include correspondences, writings and notes involving Malay rulers and dignitaries from around the Malay Archipelago, business partners, wives of Malay aristocrats, Francis Light, and some English traders originally written over a period of 26 years between 1768 and 1794.

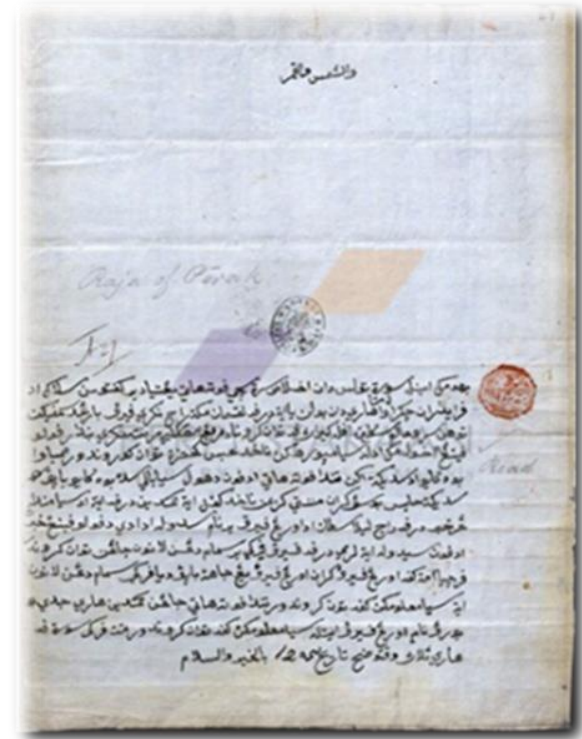
The letters provide a new source for the writing, research and reinterpretation of the history of Pulau Pinang and the nation.





# The Light Letters Digital Collection

The Universiti Sains Malaysia Library is responsible for storing and maintaining the Light Letters Digital Collection in fulfillment of the agreement by ensuring that: digital images of the collection will be accessible through a created portal; transliteration and transcription of material will be produced by the Center for Policy Research and International Studies (CenPRIS) and the descriptive metadata prepared by the Library.



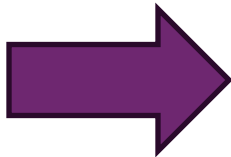
# USM Digital Library (Portal for Light Letters digital collection) (<https://libdigital.usm.my>)

The screenshot displays the USM Digital Library website interface. The browser address bar shows the URL [libdigital.usm.my/pages/collections\\_featured.php?](https://libdigital.usm.my/pages/collections_featured.php?). The website header includes navigation links for 'Dash', 'Search results', 'USM Collection', and 'Knowledge Base', along with a 'Log in' button. The main content area features five collection tiles: (PHS) Perpustakaan Hamzah Sendut, (PHT) Perpustakaan Hamdan Tahir, (PIPPT) Perpustakaan IPPT, (PK) Perpustakaan Kejuruteraan, and Light Letters Collection (1768-1794). The 'Light Letters Collection' tile is highlighted with a red circle. On the right side, there is a search bar and a list of filters: 'All resources' (checked), 'Photo' (checked), 'Document' (checked), 'Video' (checked), 'Audio' (checked), 'Map' (checked), and 'Light Letters' (checked). Below the filters, there are 'By date' dropdown menus for 'Any year' and 'Any month', and 'Clear' and 'Search' buttons. At the bottom right, there are options for 'Geographic search' and 'Advanced search', along with a 'Log in' button and a 'Username' input field. The USM logo and the motto 'KAMI MEMIMPIN' are also visible.

# USM Digital Library

libdigital.usm.my/pages/collections\_featured.php?parent=12522

The screenshot shows the website's navigation menu with 'Dash', 'Search results', 'USM Collection', and 'Knowledge Base'. A 'Log in' button is in the top right. Below the navigation is a search bar and a list of filters: 'All resources', 'Photo', 'Document', 'Video', 'Audio', 'Map', and 'Light Letters', all of which are checked. The main content area displays 'Featured collections' with 'Light Letters Collection (1768-1794)' selected.



**Research Programme involving researchers from Humanity, Archeology and Arts Discipline**

The grid displays 11 thumbnails for the 'Light Letters Collection'. The thumbnails are arranged in three rows: the first row has 'ACKNOWLEDGEMENT', 'CONTACT INFORMATION', and 'INTRODUCTION'; the second row has 'REFERENCE GUIDE', 'VOLUME 1', and 'VOLUME 2'; the third row has 'VOLUME 3', 'VOLUME 4', and 'VOLUME 5'. Below these are two rows of individual letter thumbnails labeled 'VOLUME 6' through 'VOLUME 11'. Each letter thumbnail shows a page of handwritten text in Arabic script, often with a red seal or stamp.

**11 volumes  
1,200 letters**

# Program Dari Arkib USM: Syarahan Warkah-Warkah Kepulauan Melayu 1768-1794

**Dari ARKIB USM**

Syarahan Warkah-Warkah Kepulauan Melayu 1768-1794

Bermula November 2023

**Dato' Dr. Ahmad Murad Merican**  
PROFESOR  
Sejarah Sosial & Intelektual, Institut Antarabangsa Pengajian & Risetologi Islam USM  
Fokus: Industri, Perpustakaan USM

**Puan Radia Banu Jan Mohamad**  
TIMBALAN KETUA PUSTAKAWAN  
Perpustakaan Kajian dan Penyelidikan Universiti Sains Malaysia

**Ustaz Abdur-Rahman Mohamed Amin**  
PENSYARAH  
Jabatan Pengajaran dan Kemahiran Pakullit Sains dan Teknologi Maklumat (Universiti Teknologi Petronas)

**Dr. Aiza Binti Maslan @ Baharudin**  
PENSYARAH  
Fakulti Falafah & Tamadun Peradaban Islam Kemahiran Universiti Sains Malaysia

www.usm.my | f phusm | phusm | usm library tv | +604-653 3726 | info@usm.my

**Dari ARKIB USM**

Syarahan Warkah-Warkah Kepulauan Melayu 1768-1794

**SIRI PERTAMA**

**Mengenal Surat-Surat Light : Mencerita Semula Sejarah Kepulauan Melayu**

**SIRI KEDUA**

**Sirih Pulang ke Gagang, Dari SOAS ke PHS: Akses dan Penyelidikan Koleksi Digital Surat-Surat Light**

07 November 2023  
Selasa  
9:30 Pagi - 1:00 Tengah hari  
**Ruang Pameran Perpustakaan Hamzah Sendut 1**

**Dato' Dr. Ahmad Murad Merican**  
PROFESOR  
Sejarah Sosial & Intelektual, Institut Antarabangsa Pengajian & Risetologi Islam USM  
Fokus: Industri, Perpustakaan USM

**Puan Radia Banu Jan Mohamad**  
TIMBALAN KETUA PUSTAKAWAN  
Perpustakaan Kajian dan Penyelidikan Universiti Sains Malaysia

www.usm.my | f phusm | phusm | usm library tv | +604-653 3726 | info@usm.my

**Dari ARKIB USM**

Syarahan Warkah-Warkah Kepulauan Melayu 1768-1794

**SIRI KETIGA**

**Transliterasi Koleksi Surat-Surat Light : Mengenal Tulisan Jawi Abad Ke-18**

**SIRI KEEMPAT**

**Menelusuri Sejarah Pemergian Haji Orang Melayu ke Makkah Melalui Warkah Francis Light**

12 Disember 2023  
(Selasa)  
9:30 Pagi - 1:00 Tengah hari  
**Ruang Pameran Perpustakaan Hamzah Sendut 1**

**Ustaz Abdur-Rahman Mohamed Amin**  
PENSYARAH  
Jabatan Pengajaran dan Kemahiran Pakullit Sains dan Teknologi Maklumat (Universiti Teknologi Petronas)

**Dr. Aiza Binti Maslan @ Baharudin**  
PENSYARAH  
Fakulti Falafah & Tamadun Peradaban Islam Kemahiran Universiti Sains Malaysia

www.usm.my | f usmofficial1969 | usmofficial1969 | usmlibrary\_official | usm library tv

Siri 1 & 2

Siri 3 & 4

### 3. Integrating technology



**Publication Data Verification System**



**Research Data Repository**

# Publication Data Verification System



UNIVERSITI SAINS MALAYSIA  
APEX PERPUSTAKAAN

INTRODUCTION

- Manages USM Publication data comprehensively
- Replaces HCMS function for MI (Publication)
- Publication data will be verified by USM Library (non-books) & Penerbit USM (books)

OBJECTIVES

- University/Research Assessments
- Job Promotions
- Key Performance Indicator for Department
- Sasaran Kerja Tahunan
- Laporan Penilaian Prestasi
- Curriculum Vitae for Academic Staff



Scan and login with identity@USM for e-Publication USM User Manual

For any inquiries, reach us at the Ticket Menu in e-Publication USM or our Hotline 4000

Prepared by Research Data Management Division, Hamzah Sendut Library

Facebook Instagram YouTube Twitter LinkedIn  
usmlibofficial1969 +604-653 4000 epublication@usm.my


<https://epublication.usm.my/>



**102,278**  
publication records  
(until May 2024)

**3<sup>rd</sup> place**  
USM KIK  
Convention

**MyIPO**  
DV2024P02941



INTELLECTUAL PROPERTY CORPORATION OF MALAYSIA  
An agency under the Ministry of Domestic Trade and Consumer Affairs  
COPYRIGHT ACT 1987  
NOTIFICATION OF COPYRIGHT IN A WORK  
*[subregulations 5(2) and 5(3)]*

Application No:  
DV2024P02941

Applicant:  
\*Title of work (Original language) : e-PUBLICATION USM

CR - 1





## Manual Entry

For non-indexed publications  
(Scopus & Web of Science)

- 1 Go to [epublication.usm.my](http://epublication.usm.my)
- 2 Login with [identity@usm](mailto:identity@usm)
- 3 Click the 'Manual Entry' menu
- 4 Fill in the details of the publication
- 5 Add author(s) of the publication
- 6 Upload the evidence(s) of the publication
- 7 Click 'Submit' to proceed for verification process

Prepared by Research Data Management Division, Hamzah Sendut Library

Clarivate  
Web of Science™



ELSEVIER  
Scopus

MANUAL  
ENTRY



**MyRA**®  
MALAYSIA RESEARCH ASSESSMENT

**TRSM** TOP RESEARCH SCIENTISTS MALAYSIA  
an Academy of Sciences Malaysia initiative



Job Promotion  
Sasaran Kerja Tahunan  
Laporan Penilaian Prestasi

# E-publication: Data Analytic

## Publication Data Analysis

Publisher



Total No. of Articles

5726

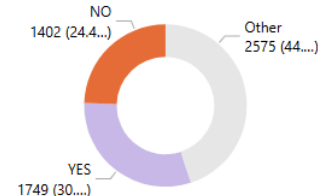
Total No. of Predatory Articles

61

Total Amount of APC (in RM)

457.49K

Open Access VS Non Open Access

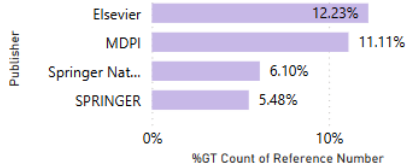


Detailed Information

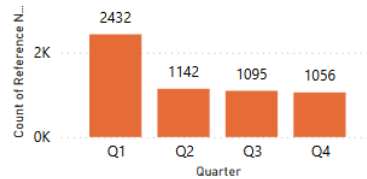
Reference Number Article Title

P20238261	Determinants of Inten Personal Innovativene Moderators
P20238261	Determinants of Inten Personal Innovativene Moderators
P202329760	"Collate of UK and M& data: Triangulation co quantitative real proje
P202329760	"Collate of UK and M& data: Triangulation co quantitative real proje
P20239023	"MedEd" on Twitter: A

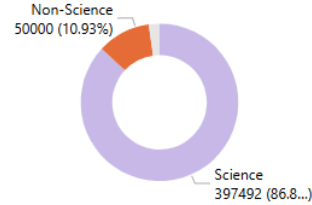
No. of Papers by Publisher



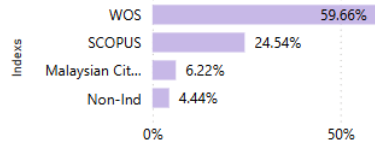
No. of Papers by Quarter in Year



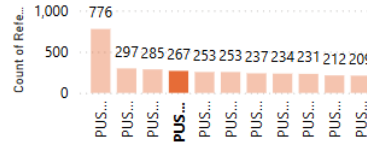
APC by Science Vs Non-Science



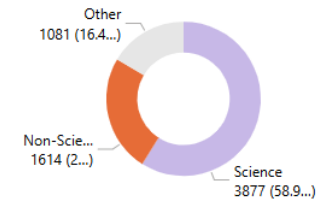
No. of Papers by Index



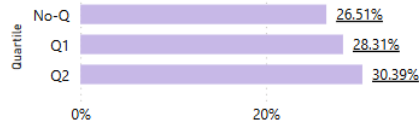
No. of Papers by School



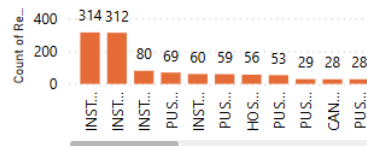
Science VS Non-Science



No. of Papers by Quartile



No. of Papers by Centre



Retract

 NO

 YES

Correspondin...

 NO

 YES

Published by S...

 NO

 YES

Predatory

 NO

 YES

First/Co Aut...

 Co Author

 First Auth...

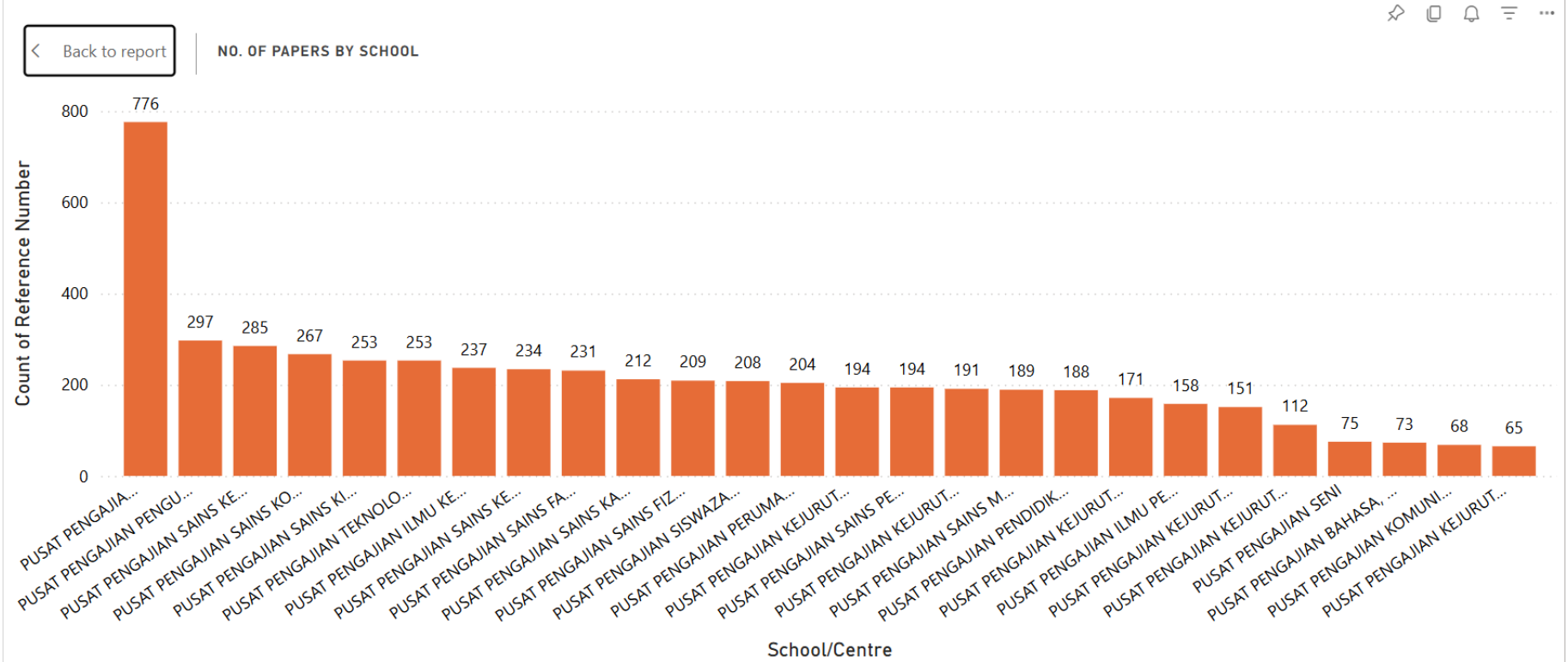
Staff/Student

 Staff

 Student



# No. of Articles by Schools



## Publication Data Analysis

### Publisher

Total No. of Articles

1858

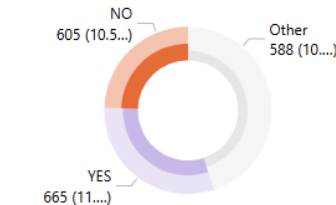
Total No. of Predatory Articles

(Blank)

Total Amount of APC (in RM)

347.52K

Open Access VS Non Open Access

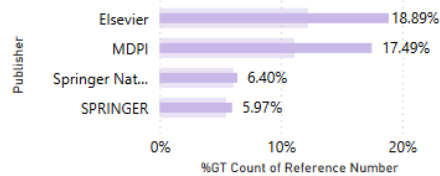


### Detailed Information

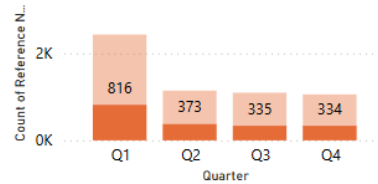
Reference Number Article Title

P202321429	(1E)-1-(2-pyrazinyl)jetl (PT) as a tyrosinase in activity: Spectroscopy, studies
P202333815	"We want more": pers women on the feasibi progressive resistance protein nutrition inter
P202341913	2-(allylthio)-5-(5-pher oxadiazole: Synthesis, spectroscopic charact activity, DFT and ADM
P202367805	2-TiO<inf>2</inf>/S( Superacid: A Rapid, Sc Nanocatalyst for Eco-

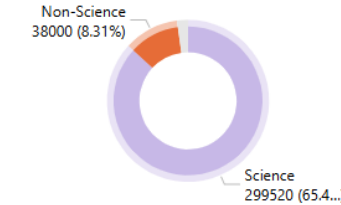
### No. of Papers by Publisher



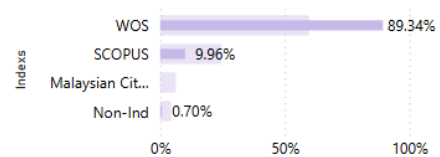
### No. of Papers by Quarter in Year



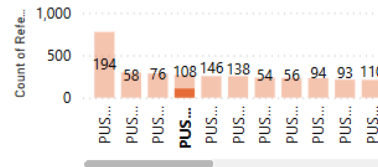
### APC by Science Vs Non-Science



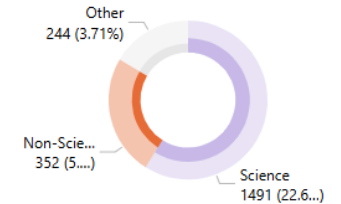
### No. of Papers by Indexs



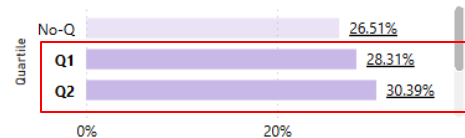
### No. of Papers by School



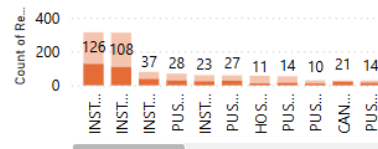
### Science VS Non-Science



### No. of Papers by Quartile



### No. of Papers by Centre



### Retract

 NO

 YES

### Correspondin...

 NO

 YES

### Published by S...

 NO

 YES

### Predatory

 NO

 YES

### First/Co Aut...

 Co Author

 First Auth...

### Staff/Student

 Staff

 Student

# Predatory Articles

## Publication Data Analysis

Total No. of Articles

61

Total No. of Predatory Articles

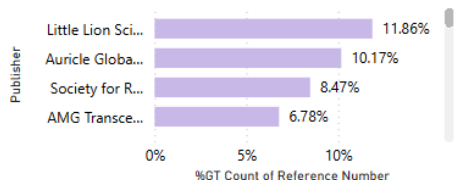
61

Total Amount of APC (in RM)

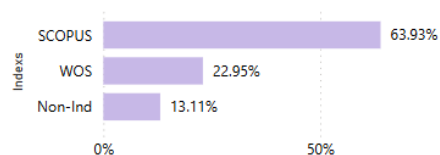
(Blank)

Open Access VS Non Open Access

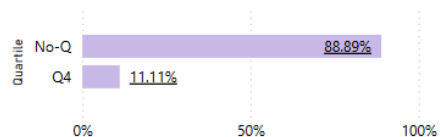
No. of Papers by Publisher



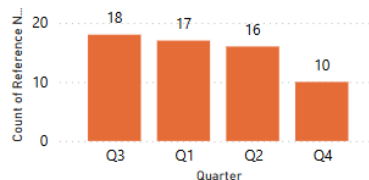
No. of Papers by Indexs



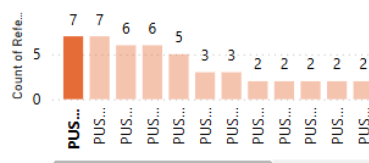
No. of Papers by Quartile



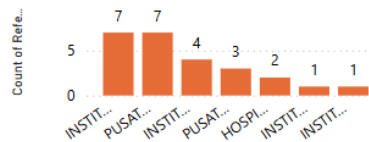
No. of Papers by Quarter in Year



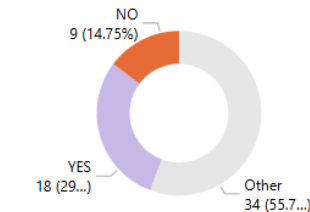
No. of Papers by School



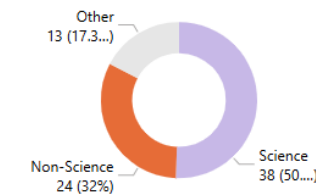
No. of Papers by Centre



APC by Science Vs Non-Science



Science VS Non-Science



Publisher

Detailed Information

Reference Number Article Title

P202434854	<i>Alternanthera sess... Literature on the Phyt... Usage and Pharmacol... and Red Cultivar
P202337098	A Bibliometric Anali... Using Scopus Databa...
P202337098	A Bibliometric Anali... Using Scopus Databa...

P202337098 A Bibliometric Anali...  
Using Scopus Databa...

Retract

 NO

Predatory

 NO

 YES

Correspondin...

 NO

 YES

First/Co Aut...

 Co Author

 First Auth...

Published by S...

 NO

Staff/Student

 Staff

 Student

## Publication Data Analysis

Publisher








Detailed Information

Reference Number Article Title

P20233357

Comparative evaluation extract with 17% EDTA + various parts of the too

Total No. of Articles

1

Total No. of Predatory Articles

(Blank)

Total Amount of APC (in RM)

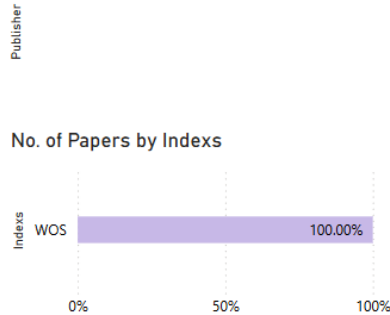
(Blank)

Open Access VS Non Open Access



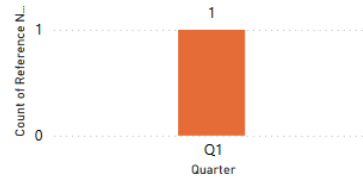
APC by Science Vs Non-Science

No. of Papers by Publisher

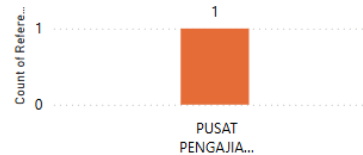


No. of Papers by Indexs

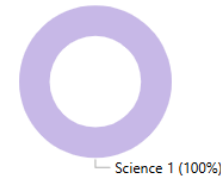
No. of Papers by Quarter in Year



No. of Papers by School



Science VS Non-Science



No. of Papers by Quartile

Quartile

Retract

 NO  
 YES

Predatory

 NO

Correspondin...

 NO

First/Co Aut...

 Co Author

Published by S...

 NO

Staff/Student

 Staff

## 4. Promote Culture and Enquiry



“Making research data Findable, Accessible, Interoperable and Reusable (FAIR) will not only democratize knowledge, it reinforces open scientific inquiry and integrity, enables better research management and promotes open innovation, citizen science as well as data intensive research. Integrating the diverse data streams and huge datasets across multiple disciplines offers unprecedented insights and solutions towards local, regional and global complex challenges”.

The Pilot Initiative with five Research Universities (RU) is a three-year (2020–2022) project funded by MOSTI, spearheaded by Malaysia Open Science Alliance and implemented by the Academy of Sciences Malaysia (ASM). Three focus areas in this project are as follows:



Guidelines



Capacity Building & Awareness

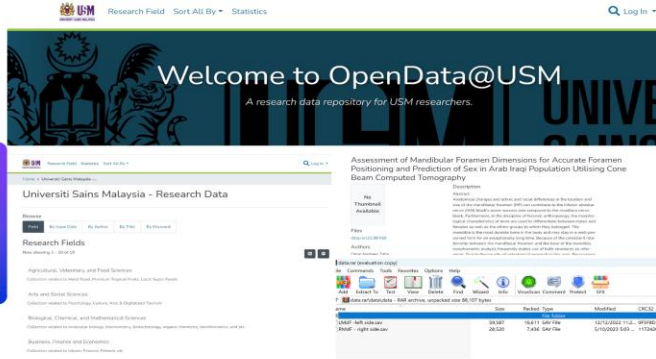


Infrastructure

# 4. Promote Culture and Enquiry

## Open Science

**OpenData@USM**  
 All researchers can deposit their research data to fulfil the funders and publishers requirements



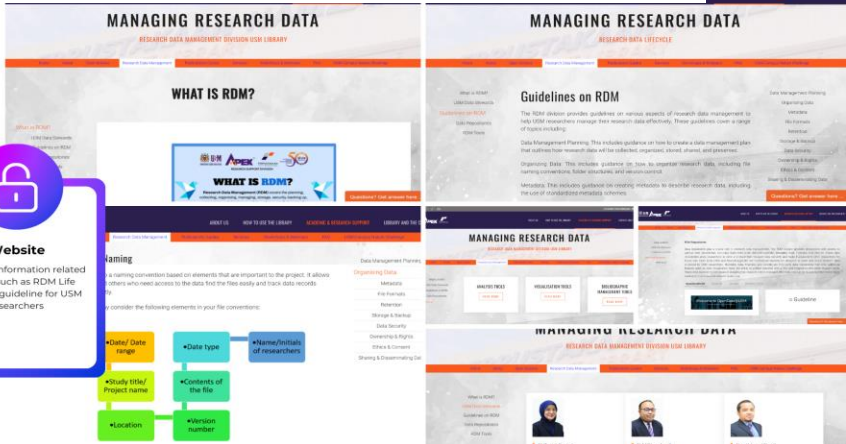
**Mohd Khwan Ismail**  
 Senior Librarian  
 Universiti Sains Malaysia (USM)  
 Cert number: 511639



**Abdul Hafiz Abdul Hadi**  
 Senior Assistant Registrar  
 Research Data Management  
 Universiti Sains Malaysia (USM)  
 Cert number: 511757

### Certified Data Stewards

**Website**  
 Providing information related to RDM such as RDM Life Cycle as a guideline for USM researchers



**Trained Data Stewards (Librarians)**



**Trained Data Stewards (Researchers/Admin Staff)**



**In-Training Data Stewards (Librarians)**

# 4. Promote Culture and Enquiry



## Awareness

Raising awareness to the USM community about Open Science and RDM through online webinars, symposiums and road tour



## Training & Consultation

Providing training and consultation by request and through research support programs





Citizen Science Activities

USM Campus Nature Challenge

# 4. Promote Culture and Enquiry

## Open Science

### Mapping biodiversity on campus and deposit the knowledge in Open Science Platform

COMPENDIUM by paperASIA

### Universiti Sains Malaysia Campus Nature Challenge: A Collaborative Citizen Science Initiative For Biodiversity Conservation And Environmental Awareness

Cik Ramlah Che Jaafar<sup>1\*</sup>, Musa Mohamed Ghazzal<sup>1</sup>, Mohd Ikhwam Ismail<sup>1</sup>, Noor Adilah Azmi<sup>1</sup>, Mohd Abdul Muin

<sup>1</sup>Hamzah Sendut Library, Universiti Sains Malaysia (PHS), 11800 USM, Pulau Pinang, Malaysia  
<sup>2</sup>Centre for Global Sustainability Studies (CGSS), Universiti Sains Malaysia, 11800 USM, Pulau Pinang, Malaysia  
<sup>3</sup>School of Biological Sciences, Universiti Sains Malaysia, 11800 USM, Pulau Pinang, Malaysia

\*Corresponding author email: cramla@usm.my

#### ABSTRACT

Considering the growing global biodiversity crisis, citizen science initiatives have emerged as powerful tools for long-term ecological data collection involving non-experts in research. "USM Campus Nature Challenge", a collaborative effort led by the USM Library in partnership with the School of Biological Sciences and the Centre for Global Sustainability Studies, aimed to create awareness about ecological concerns and biodiversity conservation within the university community by documenting biodiversity of USM's main campus. Methodologically, the project organized a 6-week "bio blitz" event open to citizen scientists to explore the flora and fauna of USM's diverse campus habitats while cataloging species through the iNaturalist app. The results revealed that plant species dominated the observations, constituting 64.9% of recorded biodiversity and reflecting the rich botanical diversity on the USM campus. Further observations included insects (10.4%), fungi (7.6%), birds (6.3%), and various other species, underscoring the complexity of the ecological web of the campus. An evaluation of data quality revealed that 36.6% of the species identifications were categorized as "Research Grade", 47.8% were designated as needing further identification, and 15.7% were graded as "casual". In conclusion, the project leveraged the approach to create more public awareness about local ecological concerns and to strengthen the University community's connection to nature. This USM Library's pilot initiative closely aligns with the Open Science movement related to citizen science in Malaysia.

**KEYWORDS:** Citizen science, Academic library, Sustainable Development Goals, SDG15, Environmental conservation

Received December 8, 2023; Revised March 6, 2024; Accepted April 18, 2024  
DOI: <https://doi.org/10.59531/paperasia.v4i03b.77>

#### 1. INTRODUCTION

Citizen science in Malaysia is growing and showing great potential to involve non-science professionals in scientific data collection. In recent years, there has been an increasing interest in involving local communities and layman individuals in scientific research and environmental monitoring in diverse fields. This approach aligns with the global movement of engaging the public in scientific activities, offering an opportunity for non-scientists to contribute to scientific knowledge and decision-making. Citizen science has emerged as a promising and cost-efficient approach to engaging citizens in monitoring and conservation efforts [Potsikas et al., 2023]. Engaging citizens in scientific projects not only increases data collection capabilities but also promotes public awareness, education, and a

sense of ownership of environmental issues [Chapman et al., 2020].

Libraries play a crucial role in supporting citizen science initiatives by serving as a hub for information, resources, and community engagement. According to The European Association of Research Libraries (2024), research libraries are well placed to be "an active partner in citizen science and develop the necessary infrastructure to support public researchers in their work effectively". In contributing to Open Science initiatives in Malaysia, the Universiti Sains Malaysia (USM) Library has willingly declared its preparedness to lead Open Science and Research Data Management (RDM) efforts at USM since 2021 [Kamal et al., 2022]. According to Ismail et al. (2022), the USM library has implemented advocacy programs for open science, including talks,

**USM CAMPUS NATURE CHALLENGE LAUNCHING CEREMONY**

11 JULY 2023 TUESDAY | ANJUNG PUSAT PENYELIDIKAN ARKEOLOGI GLOBAL

**8:30 AM** Arrival of Guest

**9:00 AM** Launching Ceremony

**9:30 AM** USM Campus Nature Challenge Talk

**10:30 AM** Eco Hub Tour

**11:30 AM** Refreshment

Organized by: FTSP JERAMBAAN

In collaboration with: CGSS, SPS, SRS

REGISTER NOW LIMITED SEATS

INQUIRY : rdm@usm.my

PHUM LIVE YouTube phsum USM Library TV

**USM CAMPUS NATURE CHALLENGE**

11 JULY - 31 AUGUST 2023

**DOCUMENT, DISCOVER, WIN!**

Open to all students and staff. Stand a chance to win a great prize!

1st Prize: RM200  
2nd Prize: RM150  
3rd Prize: RM100  
Best Photo: RM100  
e-Cert for all participants

For more information, please scan the QR code:

INQUIRY : rdm@usm.my

Organized by: FTSP JERAMBAAN

In collaboration with: CGSS, SPS, SRS

www.usm.my | phum | phum | rdmlibrary\_official | usm library tv



# 5. Expert guidance and support

## Trainings For Researchers And Students

**Training of the Month**  
**APRIL**

<b>16</b> TUE 10:00AM - 11:30 AM	<b>17</b> WED 10:00AM - 12:00 PM	<b>17</b> WED 02:30PM - 04:00PM
Google Scholar	Researcher Profiles	Microsoft Word for Thesis Writing
<b>22</b> MON 10:00AM - 11:30 AM	<b>22</b> MON 02:00PM - 04:00PM	
Literature Search for Beginner	Referencing & Citation with Mendeley	
<b>23</b> TUE 10:00AM - 12:00PM	<b>29</b> MON 10:00AM - 12:00PM	<b>29</b> MON 02:30PM - 04:00PM
Microsoft Word for Thesis Template	Advanced Literature Search	Open Access Publications
<b>30</b> TUE 10:00AM - 12:00PM	<b>30</b> TUE 02:30PM - 04:30PM	
Referencing & Citation	Publishing Strategy	

**LIBRARY RESEARCH SUPPORT WEBINAR 2024**  
Reference and Academic Support Division  
Perpustakaan dan Pusat Penyelidikan  
Universiti Sains Malaysia Library

REGISTER NOW

www.lib.usm.my | +604 433 3739 | info@lib.usm.my | lib.usm.my

**LIBRARY RESEARCH SUPPORT WEBINAR 2024**

<b>5</b> WED 10:00AM - 11:30 AM	<b>5</b> WED 03:00PM - 04:30PM	<b>11</b> TUE 10:00AM - 12:00 PM
Literature Search for Beginner	Google Scholar	Researcher Profiles
<b>12</b> WED 10:00AM - 11:30AM	<b>14</b> FRI 03:00PM - 05:00PM	<b>24</b> MON 10:00AM - 12:00PM
Microsoft Word for Thesis Writing	Referencing & Citation with Mendeley	Microsoft Word for Thesis Template
<b>25</b> TUE 10:00AM - 12:00PM	<b>25</b> TUE 02:30PM - 04:30PM	<b>28</b> FRI 10:00AM - 11:30 AM
Advanced Literature Search	Publishing Strategy	Open Access Publications
<b>28</b> FRI 03:00PM - 05:00PM		
Referencing & Citation		

**Training of the Month**  
**JUNE**

REGISTER NOW

www.lib.usm.my | +604 433 3739 | info@lib.usm.my | lib.usm.my

REFERENCE@PHS

## LIBRARY RESEARCH SUPPORT WORKSHOP

Do you want to learn on how to find, evaluate, and use information effectively? If so, then join our monthly webinar

**MODULES OFFERED BY LIBRARY**

- LITERATURE SEARCH FOR BEGINNER
- ADVANCED LITERATURE SEARCH
- GOOGLE SCHOLAR
- GOOGLE DRIVE
- MICROSOFT WORD FOR THESIS WRITING
- MICROSOFT WORD FOR THESIS TEMPLATE
- RESEARCHER PROFILES
- PUBLISHING STRATEGY
- OPEN ACCESS PUBLICATIONS
- REFERENCING AND CITATION
- EVIDENCE BASED MEDICINE
- REFERENCING AND CITATION WITH MENDELEY

**DON'T MISS THE OPPORTUNITY. CHECK OUR SCHEDULE VIA QR CODE. JOIN THIS WORKSHOP AND REGISTER NOW!!!**

**ENQUIRY**  
rujukan@usm.my

www.lib.usm.my | info@lib.usm.my | lib.usm.my

Reference@PHS

## TRAINING ON DEMAND

Training On-Demand is one of the additional research support services to help USM students, academicians or researchers who are unable to attend Monthly Schedule Training

**MODULES**  
Literature Search for Beginner | Advanced Literature Search | Google Scholar | Google Drive | Microsoft Word for Thesis Writing | Microsoft Word for Thesis Template | Researcher Profiles | Publishing Strategy | Open Access Publications | Referencing and Citation | Evidence Based Medicine | Referencing and Citation with Mendeley

**Requirements before you may request for Training On-Demand:**

- Participants must be at least 10 people per session
- Email your official request to nonacademic@usm.my / rujukan@usm.my or contact us at www.wasap.my/6046333350

www.lib.usm.my | info@lib.usm.my | lib.usm.my

REFERENCE@PHS

## LIBRARY CONSULTATION SERVICE

**WHAT WE OFFER**

- Effective Searching Strategy for Scholarly Resources
- Proper Citation and Smart Referencing Techniques
- Thesis Formatting Process
- Strategic Scholarly Publishing
- Cloud-Based Storage and Applications
- Open Access Publication
- Researcher Profiles for Visibility

The Library Consultation Service is a free service that helps students, faculty, and staff with their research and information needs. Librarians can assist you with a variety of tasks, such as guidance in:

Our Research Consultation is available on an **appointment-only basis**. Confirmation of the appointment will be sent to the registered email (USM email only).

REGISTER HERE

# 5. Expert guidance and support

## Trainings For Researchers And Students



The poster features logos for USM, UNIVERSITI SAINS MALAYSIA, APEK, and REPUBLIK MALAYSIA at the top. The main title 'MOOC @USM LIBRARY' is written in a blue, hand-drawn style. Below the title, the course title 'Publishing Strategy: Maximize Success in Publishing Endeavors' is displayed. A paragraph of text explains that publishing is a rigorous process and that USM librarians will guide researchers. A list of course outcomes includes identifying research support tools, maximizing researcher works, and maximizing researcher success. An enquiry email 'rujukan@usm.my' is provided. At the bottom left is a QR code, and at the bottom right is an illustration of a person working on a laptop. The text 'REGISTER FOR THE COURSE HERE' is at the very bottom.

**Publishing Strategy:  
Maximize Success in Publishing Endeavors**

Publishing is a rigorous process. For many researchers, especially first-timers, the publishing process can be a daunting task. By joining our module, you will now be guided by USM librarians toward publishing strategy and maximizing success in publishing endeavors.

**COURSE OUTCOMES:**

- Identify research support tools to produce high-quality research efficiently
- Maximize researchers works scholarly impact
- Maximize researcher success in publishing endeavors

**ENQUIRY**  
rujukan@usm.my

REGISTER FOR THE COURSE HERE

# 5. Expert guidance and support

## Research on The Go with USM Library

Want to expand your literature search? Having problems with your references? Giving up with your thesis formatting? Blurred on how to publish your articles? Confused on organizing your research data? **Lets MEET & CHAT WITH US at:**

**Date : 2nd March 2023 (Thursday)**

**Time : 10:00 am – 3:00 pm**

**Venue : Blok Pembelajaran dan Sumber Pelajar, PPSP, USM Kubang Kerian**



Just Walk in or Scan the QR Code to book your slots for Fast Lane NOW!



[www.lib.usm.my](http://www.lib.usm.my)

[@phusum](#)

[rujukan@usm.my](mailto:rujukan@usm.my)  
[+604 - 653 5350](tel:+604-6535350)

[usm library tv](#)

Minden 11800, USM

Resource Lounge, USM Kelantan

USM APEX

Research on The Go  
with USM Library 2023

14TH SEPTEMBER 2023  
10:00AM - 4:00PM

MINDEN 11800

Don't know where to start your research?  
Want to expand your literature search?  
Having problems with your references?  
Giving up with your thesis formatting?  
Blurred on how to publish your articles?  
Confused on organizing your research data?

Lets MEET & CHAT WITH US!



SCAN HERE!

[www.lib.usm.my](http://www.lib.usm.my)

[@phusum](#)

[rujukan@usm.my](mailto:rujukan@usm.my)

[phusum](#)

[usm library tv](#)

[+604 - 653 5350](tel:+604-6535350)

Want to expand your literature search? Having problems with your references? Giving up with your thesis formatting? Blurred on how to publish your articles? Confused on organizing your research data? **Lets MEET & CHAT WITH US at:**

**Date : 22nd December 2022 (Thursday)**

**Time : 9:30 am – 12:30 pm**

**Venue : Tetupai Lounge, SoCE, USM Nibong Tebal**



Just Walk in or Scan the QR Code to book your slots for Fast Lane NOW!



[www.lib.usm.my](http://www.lib.usm.my)  
[@phusum](#)

[@phusum](#)  
[usm library tv](#)

[rujukan@usm.my](mailto:rujukan@usm.my)  
[+604 - 653 5350](tel:+604-6535350)

Tetupai Lounge, USM Engineering

# 5. Expert guidance and support

## Research Consultation Day @ The Library



USM UNIVERSITI SAINS MALAYSIA APEK PPIIP

**MYPHS 2023**

# 3C

Coffee • Consult • Counsel

"Discover the Perfect Blend of Knowledge and Comfort"  
Join us at USM Library for an enriching experience like no other.

**CONSULT**  
Have your questions answered and access expert guidance from our knowledgeable USM librarians. Whether it's on Literature Searching, Manage Your Reference with Mendeley, Thesis Formatting, Publishing Strategy, or Managing Research Data, we've got you covered.

**COUNSEL**  
Take a moment for self-care and mental well-being. Our PPIIP trained counselors are here to listen, offer advice, and provide support, ensuring you leave feeling rejuvenated. You can do career and personality test too!

**8th November 2023**  
**10:00am – 4:00pm**  
**Exhibition Area, 1st Floor,**  
**Perpustakaan Hamzah Sendut 1**  
**UNIVERSITI SAINS MALAYSIA**

Don't miss out on this unique opportunity to nourish your mind and soul. Your next great idea or moment of clarity might just be a coffee sip away!

Ready to brew your potential and embrace personal growth?  
Reserve your spot NOW!

REGISTER NOW

A promotional poster for the 3C event. It features a large cup of coffee at the bottom left. The text is arranged in a clean, professional layout with various icons and photos of people interacting. A QR code and a 'REGISTER NOW' button are prominently displayed at the bottom.



# 6. Connecting global research and communities

## ACS On Campus



ACS ON CAMPUS

IN COLLABORATION WITH  
U.S.M. UNIVERSITI SAINS MALAYSIA APEX

ACS ON CAMPUS IS COMING TO  
**MALAYSIA**

THURSDAY, JUNE 13, 2024  
8:30-12:00

USM

ACS Chemistry for Life\* ACS Publications CAS

The poster features a dark purple background with a large, colorful abstract graphic on the right side. At the bottom, there is a photograph of the Universiti Sains Malaysia (USM) campus with the letters 'USM' on the ground.



ACS ON CAMPUS

IN COLLABORATION WITH  
U.S.M. UNIVERSITI SAINS MALAYSIA APEX

ACS ON CAMPUS IS COMING TO  
**UNIVERSITI SAINS MALAYSIA**

**Prof. Habibah A. Wahab**  
Deputy Vice Chancellor  
(Research and Innovation), Universiti Sains Malaysia

**Prof. Lim Jit Kang**  
Editorial Advisory Board, *Langmuir*

**Associate Prof. Dr. Hooi Ling Lee**  
Editorial Advisory Board, *ACS Chemical Health & Safety*

**Associate Prof. Dr. Choong Yee Siew**  
Topic Editor, *Journal of Chemical Information and Modeling*

THURSDAY, JUNE 13, 2024 | 8:30-12:00

ACS Chemistry for Life\* ACS Publications CAS

The poster features a dark purple background with a large, colorful abstract graphic on the right side. It includes four headshots of the speakers and their names and titles. At the bottom, there is a photograph of the Universiti Sains Malaysia (USM) campus with the letters 'USM' on the ground.

Link: <https://acsoncampus.acs.org/events/universiti-sains-malaysia/>

# 6. Connecting global research and communities

## ACS Library Event: Universiti Sains Malaysia Digital Sustainability: Transforming University Library for A Sustainable Future

ACS PUBLICATIONS  
LIBRARY EVENT



**DIGITAL SUSTAINABILITY:  
TRANSFORMING UNIVERSITY  
LIBRARY FOR A  
SUSTAINABLE FUTURE**

**JUNE 13, 2024 | 14:00 - 17:15**

UNIVERSITI SAINS MALAYSIA

PERPUSTAKAAN HAMZAH SENDUT 1  
LEVEL 2 (ACADEMIC LOUNGE)




LEARN MORE >>




2024 | 13 June 2024


### SPEAKERS



**Prof. Habibah Wahab**  
Deputy Vice Chancellor  
(Research and Innovation)  
Universiti Sains Malaysia




**Pn. Mazmin Mat Akhir**  
Chief Librarian  
University Malaysia Perlis



**Dr. Wong Woei Fuh**  
Consultant,  
iGroup

### REGISTRATION



[link.acs.org/libusm](https://link.acs.org/libusm)

Link: <https://link.acs.org/libusm>

# 6. Connecting global research and communities

## ELSEVIER libraries of the future summit



The poster for the SEA Libraries of the Future Summit 2024 features a dark background with a glowing, abstract pattern of interconnected nodes and lines, resembling a network or data flow. At the top, logos for UUM (Universiti Utara Malaysia), UMAP (Universiti Malaysia Perlis), ELSEVIER, and USM (Universiti Sains Malaysia) are displayed. The main title 'SEA Libraries of the Future Summit 2024' is prominently displayed in white. Below the title, the theme 'Building the Library of Tomorrow: Sustainable Innovations for a Resilient Future' is written. The event details, including the location (G Hotel Gurney, Penang, Malaysia), date (Tuesday, 11th June 2024), and time (08.00am - 16.10pm), are listed. An 'Event Overview' section provides context on the importance of libraries in a rapidly changing world and the summit's focus on AI and technology. A QR code is provided for registration.

UUM UNIVERSITI UTARA MALAYSIA  
UMAP UNIVERSITI MALAYSIA PERLIS  
ELSEVIER  
USM UNIVERSITI SAINS MALAYSIA

# SEA Libraries of the Future Summit 2024

**“Building the Library of Tomorrow: Sustainable Innovations for a Resilient Future”**

 G Hotel Gurney, Penang, Malaysia  
 Tuesday, 11th June 2024  
 08.00am - 16.10pm

**Event Overview:**

In an era marked by rapid technological advancements and evolving societal dynamics, libraries emerge as pivotal hubs of knowledge and innovation. The theme “Building the Library of Tomorrow: Sustainable Innovations for a Resilient Future” embodies the collective aspirations of librarians and information science professionals dedicated to driving enduring progress in the field.

Join us for a day of insightful discussions, keynote presentations, and networking opportunities tailored to address emerging trends and innovative practices within the field of library sciences.

From exploring the future roles of librarians in AI and technology to understanding the transformation of collection development, this summit promises to be a catalyst for transformative change within the region’s library landscape.

Scan here to register:



Link

<https://www.elsevier.com/events/conferences/all/sea-libraries-of-the-future-summit>





**THANK  
YOU**