Universiti Malaya, Malaysia

Home of the Bright, Land of the Brave
Di Sini Bermulanya Pintar, Tanah Tumpahnya Berani

UNIVERSITI MALAYA

www.um.edu.my

UM Profile

14 Faculties

2 Academies

1 Academic Centre

4 Research Clusters

>70 Research Centres

>200 Academic Programmes

2 Institutes

Enrolment

Approx. 20,000 Undergraduate

Approx. 14,000 Postgraduate

Approx. 34,000

>8,000 International Students from >90 Countries

1 Continuing Education Centre

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Core Values

VISION
A global university impacting the world

MISSION
Pushing the boundaries of knowledge and nurturing aspiring leaders

P PASSION **O** ONENESS **I** INTEGRITY **S** SINCERITY **E** EMPATHY

UNIVERSITI MALAYA

Open Science Infrastructure & Open Scientific Knowledge

OPEN SCIENCE INFRASTRUCTURE	OPEN SCIENTIFIC KNOWLEDGE
Virtual • Data Intensive Computing Centre (DICC)	**Open access to scientific publications:** • Incentive for researchers to publish in Open Access WoS journals
Physical • UM Makerspace: https://sites.google.com/um.edu.my/makerspace-at-um/home • Journal databases hosted under UM Library • Rimba Ilmu • Zoology Museum, Geology Museum, Museum of Asian Art and Gallery	**Open research data:** • Data sharing platform: https://researchdata.um.edu.my • UM Research Data Management Policy • Guideline on Data Management Plan • Guideline on How to Deposit Research Data
	Open educational resources • http://ocw.um.edu.my (Open Course Ware @UM)
	Open source software and source code • Individual researchers deposit their data on GitHub etc.
	Scientific publications • UM Journals: https://ejournal.um.edu.my • UM Theses: https://umlib.um.edu.my/perpun-initiatives
	Open hardware • None so far

Open Dialogue with Other Knowledge Systems & Open Engagement of Societal Actors

OPEN DIALOGUE WITH OTHER KNOWLEDGE SYSTEMS	OPEN ENGAGEMENT OF SOCIETAL ACTORS
Indigenous People • Textile Tales of the Pua Kumbu • Caves, Cave Art And Motifs Among The Batek Of Merapoh, Pahang, Semai Of Gopeng, Perak And Kensiu Of Baling, Kedah	**Crowdfunding** • None so far
Marginalised scholars • None so far	**Crowdsourcing & Scientific Volunteering** • UM Makerspace • UM Living Lab Projects (Carbon Neutrality, Circular Economy, EcoCampus) • UM Zero Waste Campaign
Local communities • Malacca Portuguese Creole	**Citizen and participatory science** • UM Water Warriors • The Banana Hunter Project

Current examples/highlights of public engagement across faculties/schools within your university/institution

UMCares

Building Mental Health Resilience
A series of educational programs targeting different age groups in the community

DIY Made Simple Competition
A competition explores innovative ways to enhance the school's facilities and infrastructure by DIY

Universiti Malaya Pluse of Lembah Pantai
A program that develops a helping and meaningful relationship with the community, particularly ones within the vicinity of the University.

UM SDC

UM Living Labs
Using living labs approach to propel and empower campus sustainability

Makerspace@UM

Providing various tools and equipment for all researchers, students and public to be creative and innovative

UM Research Carnival (UMRC)

An event to celebrate innovation and promote industry and community engagement

UNIVERSITI MALAYA
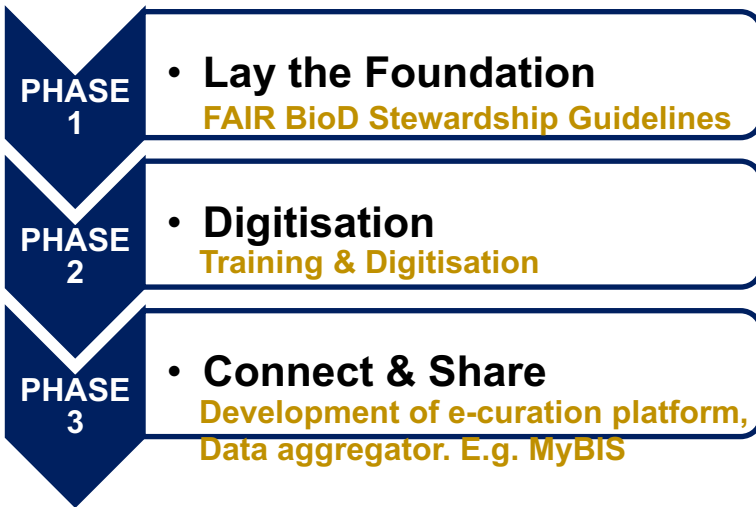
FAIR Biodiversity Data Stewardship Project

PROJECT TITLE: FAIR Data Stewardship Guidelines for Reproducibility in Biodiversity Research (Phase I)
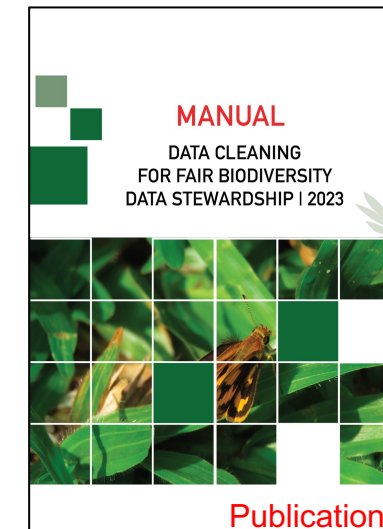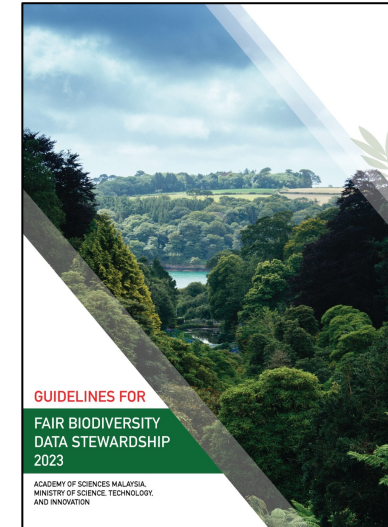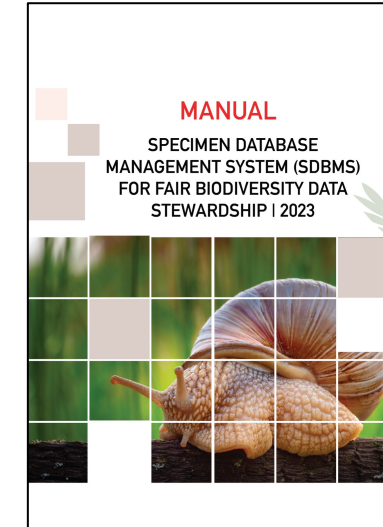
PROJECT DURATION: 1 Oct 2021 - 31 Dec 2022 (1.5 years)

PROJECT FUNDER: ISC ROAP & Academy of Sciences Malaysia (ASM)

PROJECT IMPLEMENTER: Universiti Malaya

DELIVERABLES: Guidelines and training materials on biodiversity data management, digitization and data quality

PHASE 1
- **Lay the Foundation**
  FAIR BioD Stewardship Guidelines

PHASE 2
- **Digitisation**
  Training & Digitisation

PHASE 3
- **Connect & Share**
  Development of e-curation platform, Data aggregator. E.g. MyBIS

OPEN SCIENCE JOURNEY

MANUAL
SPECIMEN DATABASE MANAGEMENT SYSTEM (SDBMS) FOR FAIR BIODIVERSITY DATA STEWARDSHIP | 2023

GUIDELINES FOR
FAIR BIODIVERSITY DATA STEWARDSHIP 2023
ACADEMY OF SCIENCES MALAYSIA, MINISTRY OF SCIENCE, TECHNOLOGY, AND INNOVATION

MANUAL
DATA CLEANING FOR FAIR BIODIVERSITY DATA STEWARDSHIP | 2023

MANUAL
SPECIMEN DIGITISATION FOR FAIR BIODIVERSITY DATA STEWARDSHIP | 2023

Publication status: Embargo

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