



“ Open Science for a
Transparent, Inclusive
and Sustainable Future.

UPSIOS

UPSI OPEN SCIENCE



OPENING KNOWLEDGE.



EMPOWERING SOCIETY.

Building a transparent, inclusive and collaborative research ecosystem
through the adoption of **Open Science**
and **Research Data Management (RDM)**.



OPEN ACCESS

Promoting unrestricted
access to scholarly
knowledge.



OPEN SOURCE

Sharing technologies
and solutions
for greater impact.



OPEN DATA

Making research data
FAIR, accessible and
reusable.



OPEN EDUCATIONAL RESOURCES

Expanding learning
opportunities for
all.



CITIZEN SCIENCE

Engaging communities
in research for a
better society.

UPSI OPEN SCIENCE FIVE PILLARS OF OPEN SCIENCE

UPSI is committed to advancing Open Science through collaboration, transparency and inclusivity.



OPEN ACCESS

UPSI promotes unrestricted access to scholarly outputs through the **UPSI Digital Repository (UDRep)**, guided by its Open Access Guidelines.



OPEN SOURCE

UPSI adopts **sWADAH**, an open-source digital repository platform, and extends its use to other institutions to support collaborative and sustainable digital solutions.



OPEN DATA

UPSI is developing an in-house **Research Data Management (RDM)** platform and policy to strengthen research data governance and support responsible data sharing.



OPEN EDUCATIONAL RESOURCES

Through **MOOC UPSI**, the university provides accessible and flexible online learning resources, supporting lifelong learning for diverse communities.



CITIZEN SCIENCE

The **Centre for Biodiversity and Conservation (CeBEC)** engages communities in biodiversity research, conservation, and educational activities, fostering public participation in science.



Opening Knowledge. Empowering Society.

Open Science for a Transparent, Inclusive and Sustainable Future.

JUSTIFICATION FOR IMPLEMENTATION

UPSI is committed to advancing Open Science through policies, infrastructure and community engagement to ensure responsible, transparent and impactful research.



1



Supports the **UNESCO 2030 Agenda** for **Sustainable Development**, which is assessed under the **THE Impact University Rankings**.

2



Supports the **Malaysia Open Science Platform (MOSP)** in promoting the sharing and accessibility of research data.

3



Research Data Management (RDM) is a critical component of the university's academic and research ecosystem.

4



Promotes the Open Science movement through the establishment of an **Institutional Repository (IR)** to support **Open Access**.

5



The adoption of **FAIR data principles** strengthens open scientific inquiry, transparency, and research integrity.

6



Supports **national aspirations and research policies** in advancing an open and collaborative research environment.



OPEN SCIENCE FOR A TRANSPARENT, INCLUSIVE AND SUSTAINABLE FUTURE.



OPEN ACCESS



OPEN SOURCE



OPEN DATA



OPEN EDUCATIONAL
RESOURCES



CITIZEN
SCIENCE

APPROVAL FOR IMPLEMENTATION



The **Proposal for the Development and Implementation of Open Science and Research Data Management (RDM) at Sultan Idris Education University (UPSI)** was formally approved during the **University Management Committee Meeting (JKPU) No. 3/2025**, chaired by the Vice-Chancellor, on **17 February 2025**.



UPSI OPEN SCIENCE (RDM) ROADMAP



A strategic roadmap towards a transparent, collaborative and sustainable research ecosystem through **Open Science** and **Research Data Management**.

