



Co-funded by
the European Union



OPEN ASIA
UNIFYING SCIENCE, EMPOWERING INNOVATION



**UNIVERSITI
MALAYA**

Open Science Forum 2 Program Agenda
***Open Science: Unlocking the Power of Knowledge,
Empowering Communities***

Date: 23rd and 24th October, (Wednesday & Thursday)

Time: 9.00am – 5.00pm

**Venue: Auditorium Hall, Level 1, KPPI, Universiti Malaya,
50603 Kuala Lumpur, Wilayah Persekutuan Kuala Lumpur,
Malaysia**

What is Open Science?

Open Science refers to a movement aimed at making scientific research, data, and dissemination accessible to all levels of an inquiring society, from professional scientists to interested members of the public. Its principles promote transparency, collaboration, and the sharing of knowledge and research outputs with minimal restrictions. Open Science encompasses practices such as open access publishing, open data, open peer review, and the use of open-source tools and platforms, fostering a more inclusive and equitable global scientific community. The goal is to enhance reproducibility, efficiency, and the societal impact of research.

Definition of Open Science under UNESCO Recommendation on Open Science:

In the Recommendation, Open Science is defined as an inclusive construct that combines various movements and practices aiming to make multilingual scientific knowledge openly available, accessible and reusable for everyone, to increase scientific collaborations and sharing of information for the benefits of science and society, and to open the processes of scientific knowledge creation, evaluation and communication to societal actors beyond the traditional scientific community. It comprises all scientific disciplines and aspects of scholarly practices, including basic and applied sciences, natural and social sciences and the humanities, and it builds on the following key pillars: open scientific knowledge, open science infrastructures, science communication, open engagement of societal actors and open dialogue with other knowledge systems (UNESCO, pp7).

Four quadrants of Open Science and Examples of Open Science

Quadrants	Examples
Open Scientific Knowledge	Scientific Publications, Open research data, Open Educational Resources, Open source software and source code Open hardware
Open Science Infrastructure	Virtual, Physical
Open Engagement of Societal Actors	Citizen and participatory science, Scientific volunteering, crowdsourcing, crowdfunding
Open Dialogue with Other Knowledge Systems	Local communities, marginalised scholars, Indigenous people

UNESCO Recommendation on Open Science can be downloaded at
<https://www.unesco.org/en/open-science/about>

WEDNESDAY, 23rd October 2024	
9:30 – 10:00am	Walk-in, Registration
10:00 – 10:30am	KEYNOTE ADDRESS: OPEN INNOVATION Puan Hazami Habib CEO Academy of Sciences Malaysia
10:30 – 11:30am (10 minutes per person + 10 mins Q&A for overall session)	PANEL DISCUSSION 1: IMPLEMENTATION OF OPEN SCIENCE IN UNIVERSITIES IN ASIA Moderator: Honorary Professor Dr Abrizah Abdullah, Universiti Malaya Panelists: <ul style="list-style-type: none"> • Professor Dr Yogesh Anant Kulkarni (NMIMS, India) • Professor Dr Jaswinder Singh Saini (Thapar Institute of Engineering and Technology, India) • Professor Dr Ainuddin Wahid Abdul Wahab (Universiti Malaya, Malaysia) • Professor Dr Wan Hashim Wan Ibrahim (Universiti Malaysia Sarawak, Malaysia) • Professor Dr Ag Asri Ag Ibrahim (Universiti Malaysia Sabah, Malaysia)
11:30 – 11:45am	COFFEE BREAK

11:45 – 12:25pm (10 minutes per person + 10 mins Q&A for overall session)	PANEL DISCUSSION 2: IMPACT OF OPEN SCIENCE IMPLEMENTATION IN UNIVERSITIES IN EUROPE Moderator: Honorary Professor Ir Dr Shaliza Ibrahim, Universiti Malaya Panelists: <ul style="list-style-type: none"> • Professor Dr Marjolein Zweekhorst (VU, Netherlands) • Professor Dr Jussi Aleksi Kivistö (Tampere University, Finland) • Professor Dr Valerij Dermol (International School for Social and Business Studies, Slovenia)
12:25 - 12:40pm	UNESCO Open Science Speaker: Dr Fereshteh Rafieian Najafabadi (UNESCO Jakarta) Remark: Joining online
12:40 – 12:55pm	WELCOME ADDRESS Professor Ir Dr Hazlie Mokhlis Research Cluster Chairman (Industry, Innovation and Sustainability Science), Universiti Malaya
12:55 – 1:05pm	GROUP PICTURE
1:05 – 2:15pm	LUNCH & NETWORKING (Venue: Bilik Jamuan, Level 1, KPPI)
2:15 - 2:30pm	SPECIAL TALK: AI FOR BIODIVERSITY Speaker: Datuk Professor Dr Ghazally Ismail & Mr Lim Kooi Fong
2:30 – 3:30pm	SESSION 3: THE IMPORTANCE OF DATA INTEROPERABILITY IN OPEN SCIENCE

(40 minutes + 20 mins Q&A)	<p>Chair: Associate Professor Dr Liew Chee Sun, Universiti Malaya</p> <p>Speaker: Emeritus Professor Dr. Barend Mons, FSIC</p> <p>LUMC & LACDR, Founding director of LIFES</p> <p>Remark: Joining online</p>
<p>3:30 – 4:30pm</p> <p>(10 minutes per person + 5 mins Q&A per person)</p>	<p>SESSION 4: DOMAIN-SPECIFIC DATA SHARING</p> <p>CHAIR: Associate Professor Dr Zeeda Fatimah Mohamad, Universiti Malaya)</p> <p>Speaker 1: Dr Muhd Zulfadli Hafiz Ismail, National Institute of Health, Malaysia (Public Health)</p> <p>Speaker 2: Dr Nurzatil Sharleeza Mat Jalaluddin, Universiti Malaya (Biodiversity)</p> <p>Speaker 3: Dr Mohd Fadzil Firdzaus Mohd Nor, Universiti Malaya (Climate Research)</p> <p>Speaker 4: Associate Professor Dr Syahrilnizam Abdullah, National Institutes of Biotechnology Malaysia (MyGenome Initiative)</p>
4:30 – 5:00pm	AFTERNOON TEA AND NETWORKING
5:00pm	END OF DAY 1

THURSDAY 24th OCTOBER 2024	
9:00 – 09:30am	Registration of participants
9:30 – 10:00am	Short Performance <ul style="list-style-type: none"> • Playing Sape • Traditional Dancing Venue: Auditorium Hall, Level 1 KPPI
10:00 – 11:15am (20 minutes per person + 5 mins Q&A per person)	INTERACTIVE WORKSHOP 1: CITIZEN SCIENCE AND OPEN DIALOGUE WITH OTHER KNOWLEDGE SYSTEMS (PART 1) CHAIR: Professor Dr Kiran Kaur Gurmit Singh (Universiti Malaya) Speaker 1: Mr Kelvin Egay John, Universiti Malaysia Sarawak) Speaker 2: Professor Dr Hanafi Hussin, IOES, Universiti Malaya) Speaker 3: Associate Professor Dr Zeeda Fatimah Mohamad, Universiti Malaya)
11:15 – 11:30	COFFEE BREAK / PERFORMANCE (Venue: Foyer, Level 1, IPPP)
11:30 – 12:30 (10 minutes per person + 10 mins Q&A per person)	INTERACTIVE WORKSHOP 2: CITIZEN SCIENCE AND OPEN DIALOGUE WITH OTHER KNOWLEDGE SYSTEMS (PART 2) Chair: Professor Dr Rosli Ramli (Universiti Malaya) Speaker 1: Adjunct Professor Wan Faizah Che Din (Amanah Lestari Alam) Speaker 2: Madam Lara Ariffin (RIMAU) Speaker 3: Ms Muniratul Husna Mohamad Zaki (UiTM Jengka)

12:30 – 2:15	LUNCH AND NETWORKING
2:15 – 3:15 (15 minutes per person + 5 mins Q&A per person)	INTERACTIVE WORKSHOP 3: OPEN EDUCATIONAL RESOURCES CHAIR: Associate Professor Dr Nur Azah Hamzaid, Universiti Malaya Speaker 1: Miss Fitriayu, Chapter Lead for Creative Commons Indonesia Remark: Joining online Speaker 2: Professor Dr Fong Soon Fook, Universiti Malaysia Sabah Speaker 3: Dr Abdullah Al-Hadi Ahmad Fuaad, Universiti Malaya
3.15-4.15 (20 minutes per person + 10 mins Q&A per person)	INTERACTIVE WORKSHOP 4: EMERGING TOPICS IN OPEN SCIENCE CHAIR: Honorary Professor Dr Noorsaadah Abd Rahman FASc, Universiti Malaya Speaker 1: Professor Ts. Dr. Aida Mustapha, Universiti Malaysia Pahang Al-Sultan Abdullah (AI for Data Sharing) Speaker 2: Professor Dr Hong Xue, Beijing Normal University (Legal Aspects in OS Implementation) Remark: Joining online
4:30 – 5:00pm	AFTERNOON TEA AND NETWORKING
5:00pm	END OF DAY 2