

# Promoting an Open Science *Habit of Mind*

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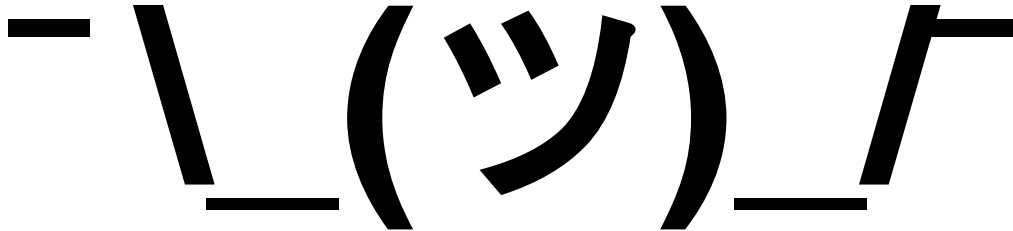
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Malaysia

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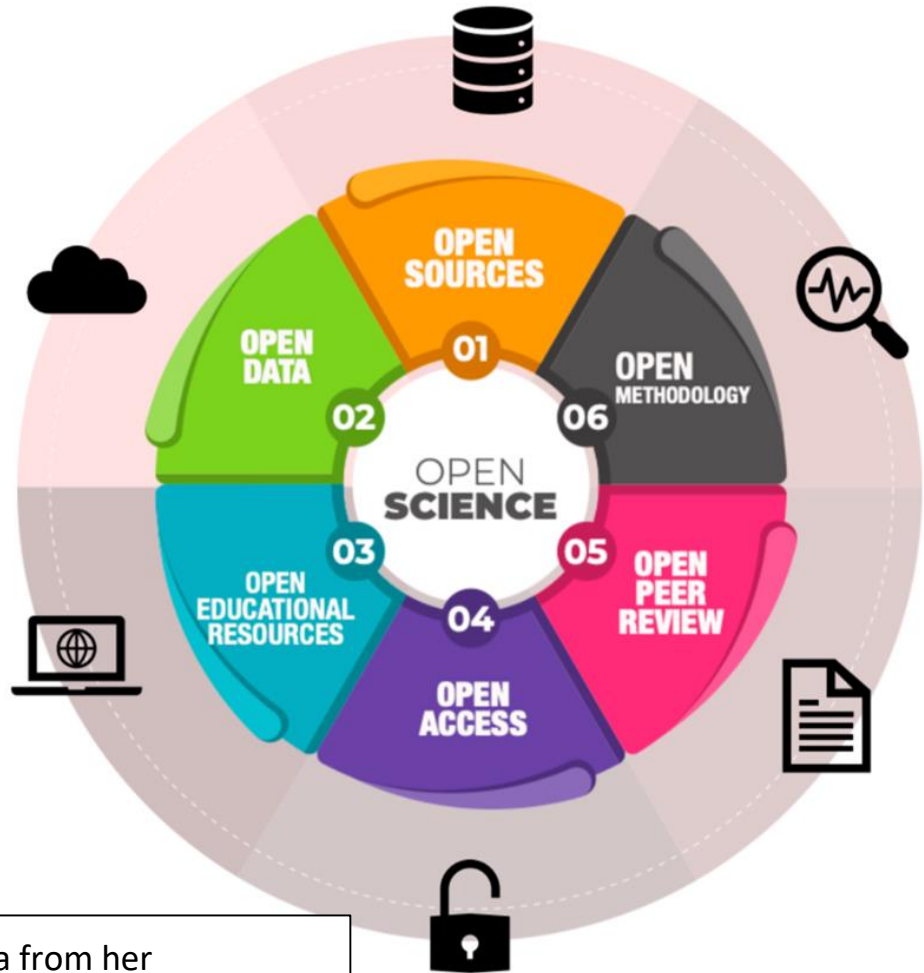


**But where are YOU in that picture??**



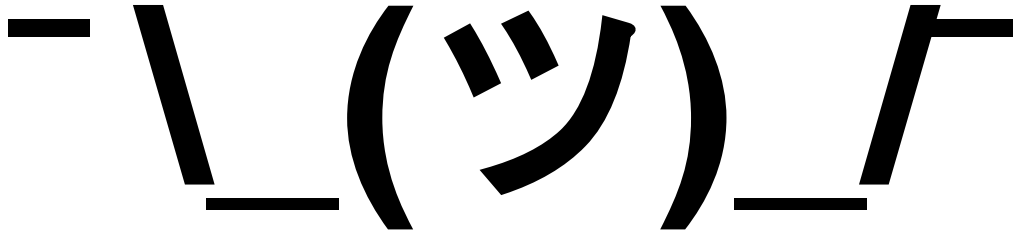
# PRINCIPLE OF OPEN SCIENCE

Open science is a movement aimed at making scientific research more accessible, transparent, and collaborative. The principles of open science include:



slide duplicated from PTAR leader Dr. HjH Zalifa from her introductory slides 7 March 2023

**And where are you in THAT picture??**






Look at all of the Open Science Principles and imagine how they can work for you:

- *Do you ever search for similar research?*
- *Do you ever wish you had access to the data from a related article?*
- *Have you sought the input of colleagues?*

**Open Science**  
**is very personal**



# ISSUES & CHALLENGES

1. Researcher's "buy-in"
  2. Institutional support
  3. Trained and skilled personnels
  4. Awareness and understanding
  5. Central "ownership"
  6. MAJOR CHALLENGE: SUSTAINABILITY
- 

slide 9 duplicated from Prof. ChM. Dr. Noorsaada Abd. Rahman FASc  
slides of 13 March 2023



*If you agree that:*

**Open Science  
is sustained by individual engagement**

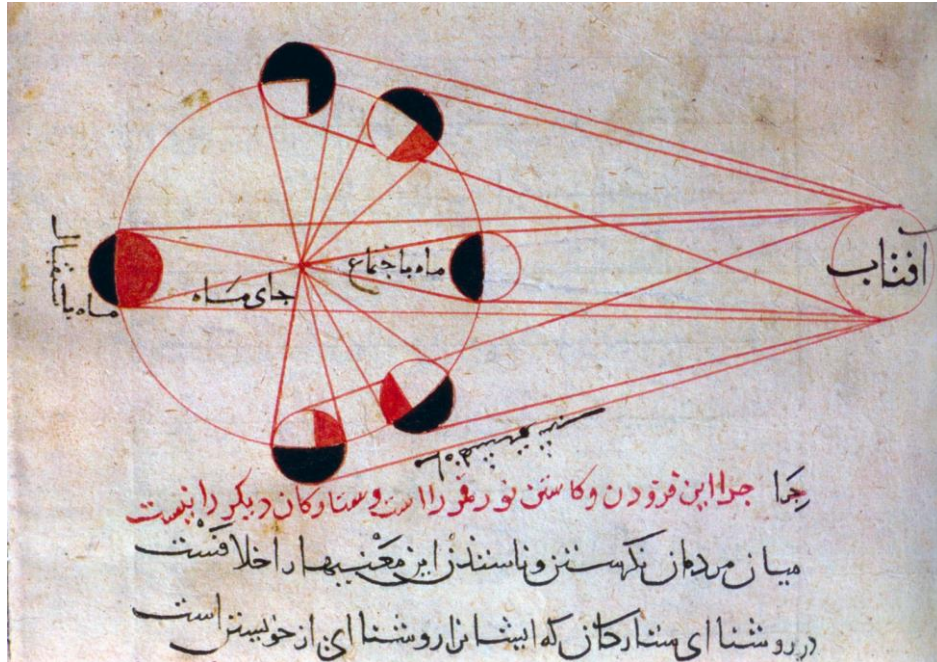
*Then:*

***Consider looking at all the Open  
systems from an individual's  
perspective.***

**From the individuals' perspective,  
the obstacles include:**

- *My work is not good enough to share*
- *I will definitely get scooped*
- *My work is too complicated for reuse*
- *What if people judge me harshly?*
- *My work will not be acknowledged*

*Start by envisioning  
yourself and your colleagues  
in the ongoing dialog of scientific exploration*



مخطوطة بيد أبي الريحان البيروني: العربية  
تتناول أطوار أو مراحل (م 973-1048)  
المخطوط (القمر المختلفة، من كتاب التفهيم  
(بالفارسية).

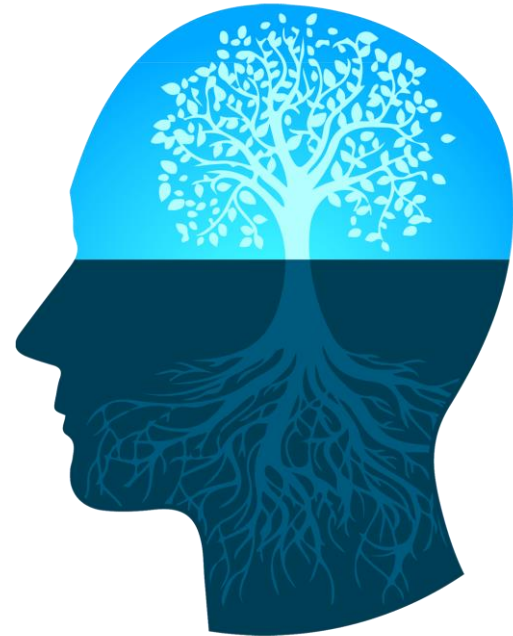
**What is Open in  
Open Science?**

**YOU ARE!**

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