

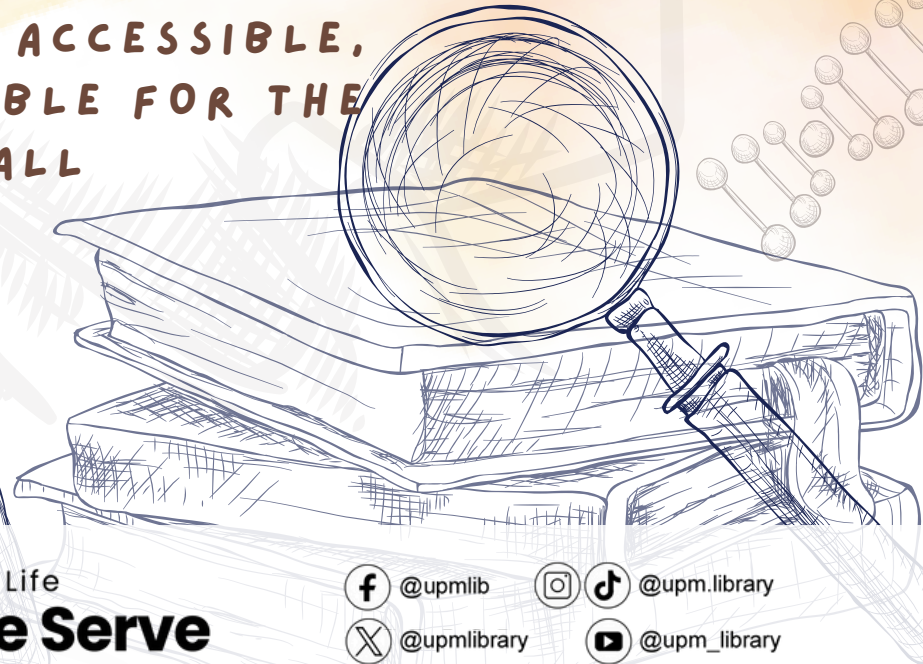
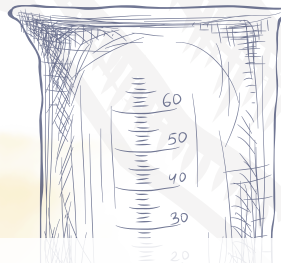


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Open Science

MAKING SCIENCE MORE ACCESSIBLE,
INCLUSIVE AND EQUITABLE FOR THE
BENEFIT OF ALL



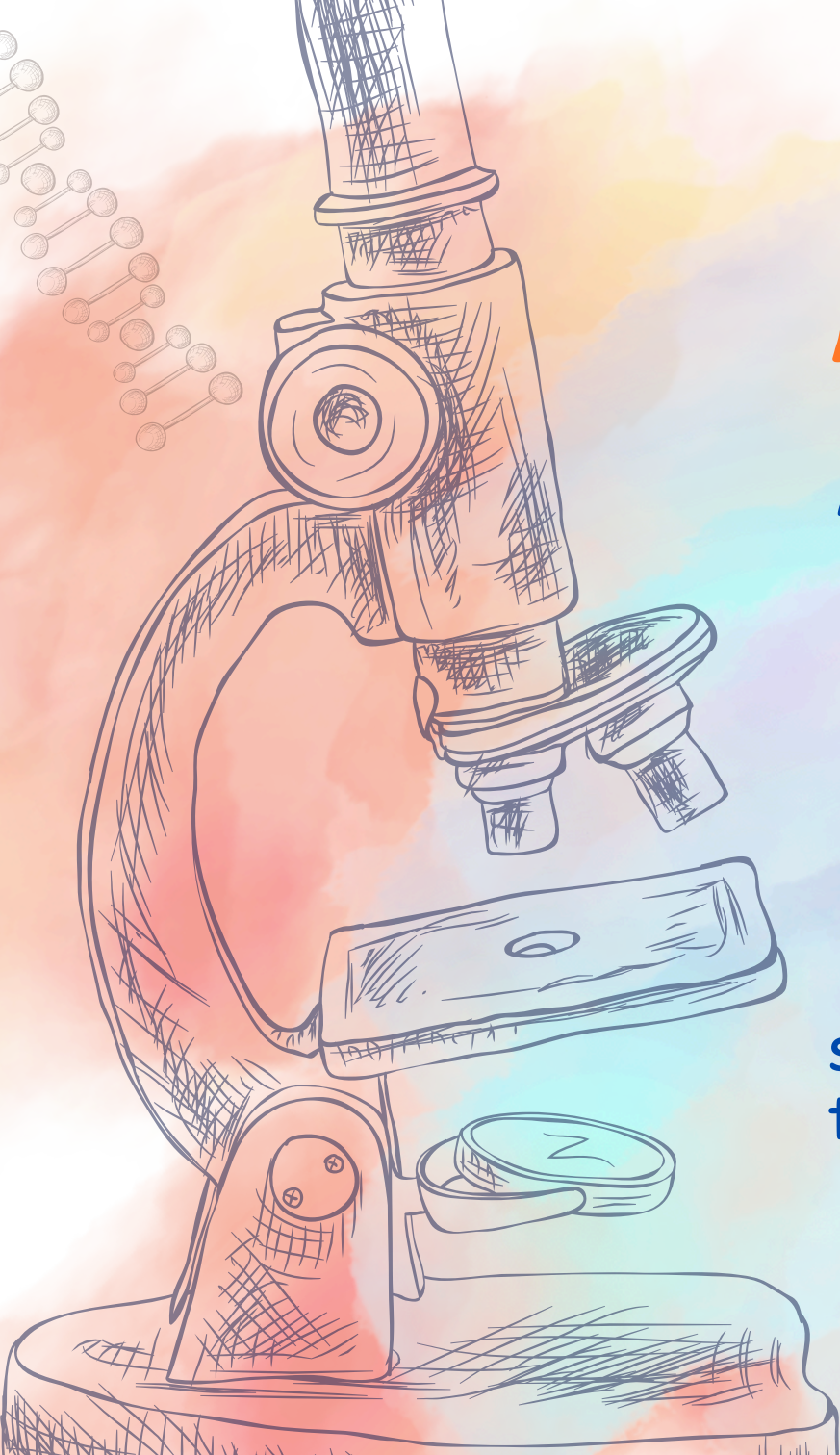
Agriculture • Innovation • Life
With Knowledge We Serve



WHAT IS OPEN SCIENCE?

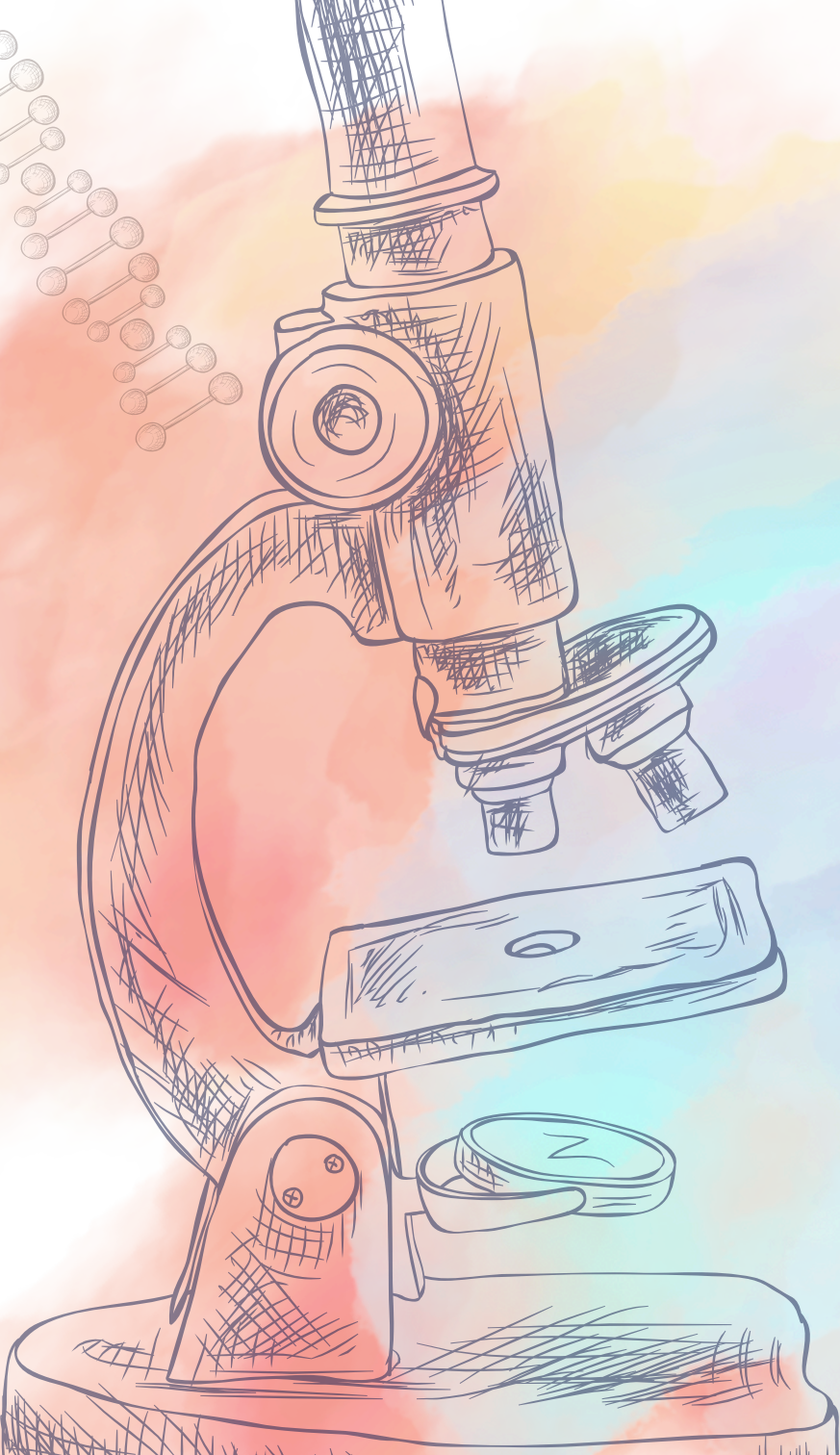
Open science is a set of principles and practices that aim to make scientific research from all fields accessible to everyone for the benefits of scientists and society as a whole. Open science is about making sure not only that scientific knowledge is accessible but also that the production of that knowledge itself is inclusive, equitable and sustainable.





AS OPEN AS POSSIBLE

Access to scientific knowledge should be as open as possible, but sometimes access may need to be restricted, for example to protect human rights, confidentiality, intellectual property rights, personal information, threatened or endangered species, and sacred and secret indigenous knowledge. Open science encourages scientists to develop tools and methods for managing data so that as much data as possible can be shared, as appropriate.



WHY OPEN SCIENCE?

Open science promotes a more accurate verification of scientific results, citizens' trust in science, and reduces duplication in collecting, creating, transferring and re-using scientific material.

THE "FAIR" PRINCIPLE

- Findable
- Accessible
- Interoperable
- Reusable



THE MAIN AREAS

Open Access

Open Data

Open Code

**Open
Educational
Resources**

**Open
Methodology**

**Open Peer
Review**



An illustration of a person with dark hair in a ponytail, wearing a blue turtleneck, sitting at a desk with an orange laptop. The laptop screen displays the text 'THE GOALS'. Five white hexagonal callouts with orange borders are arranged around the person, each containing a goal. Black arrows point from the person towards each of the callouts. The background is a colorful, abstract watercolor-style wash in shades of blue, purple, and orange, with faint outlines of a globe and a molecular structure.

THE GOALS

**Speeds up
research
progress**

**Increases
trust in
research
results**

**Raises
efficiency,
avoids
wastage of
resources**

**Reduces
inequality,
also in access
to science**

**Makes
publicly funded
research
publicly
accessible**



**Facilitating
feedback**

**Researchers
in developing
countries can
see research
work**

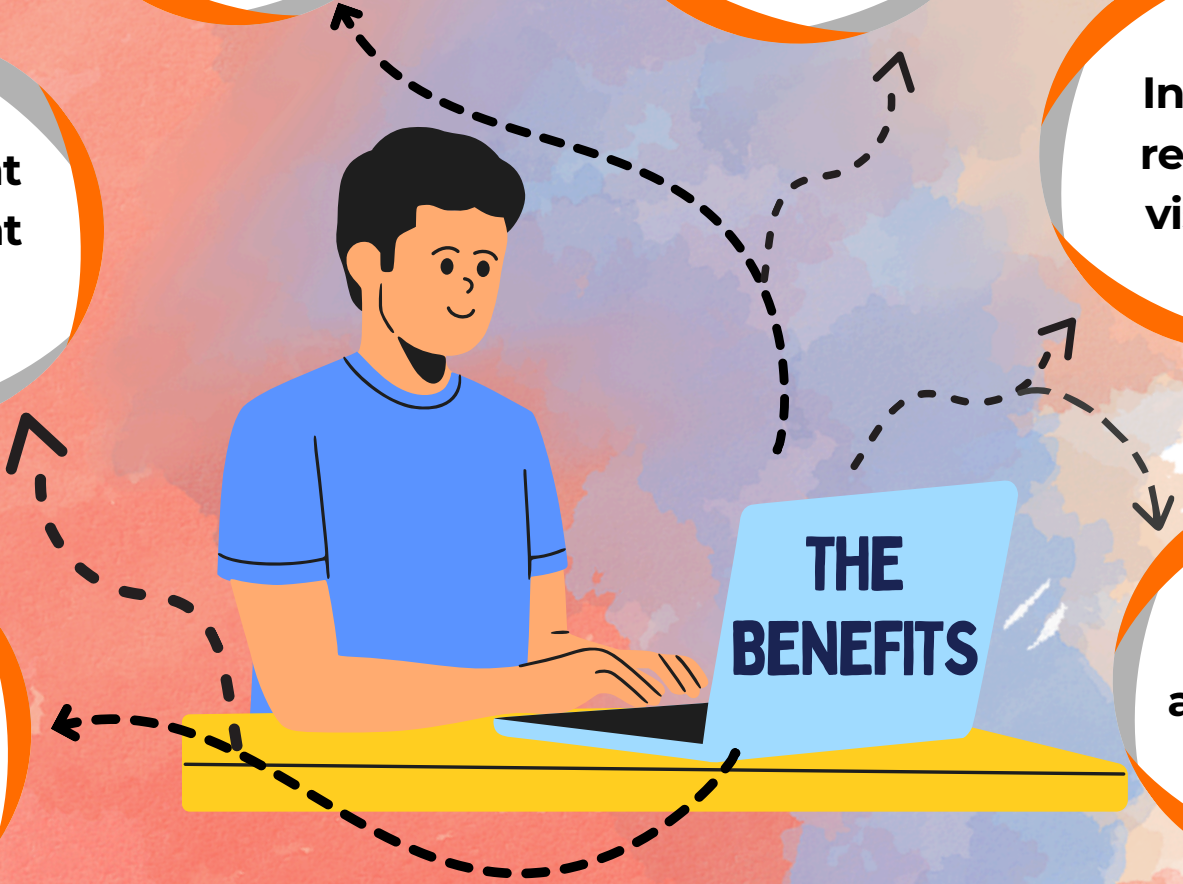
**Increase
research
visibility**

**Compliant
with grant
rules**

**Research
findings
accessible to
the public**

**Policy and
decision
making will be
evidence-
based**

**THE
BENEFITS**





Thank You

**RESEARCH AND INFORMATION
SERVICES DIVISION**
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