

Open Science

An approach to research that emphasises transparency, accessibility, and collaboration.

Innovation

Reinforces open inquiry, supports new research, and enables testing of alternative hypotheses.

Collaboration

Researchers can easily work together, combining expertise and resources to tackle modern challenges.

Impact

Making research accessible ensures findings reach a wider audience and can have a greater influence.

Ways to practice Open Science

- **Make Research Discoverable:** Use DOIs, comprehensive metadata and data repositories for easy identification and searchability.
- **Ensure Accessibility:** Store data in data repositories and share data with licences that aim to be as open as possible, while respecting data sensitivities.
- **Facilitate Integration:** Use open and accessible file formats, standardised language and protocols to make your data interoperable with other research and tools.
- **Promote Reusability:** Provide thorough documentation and share your methods and code to support reproducibility.

Why Does It Matter?

Open science promotes transparency and reproducibility by making research data and methods publicly accessible, collaboration is encouraged and innovation can follow.

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