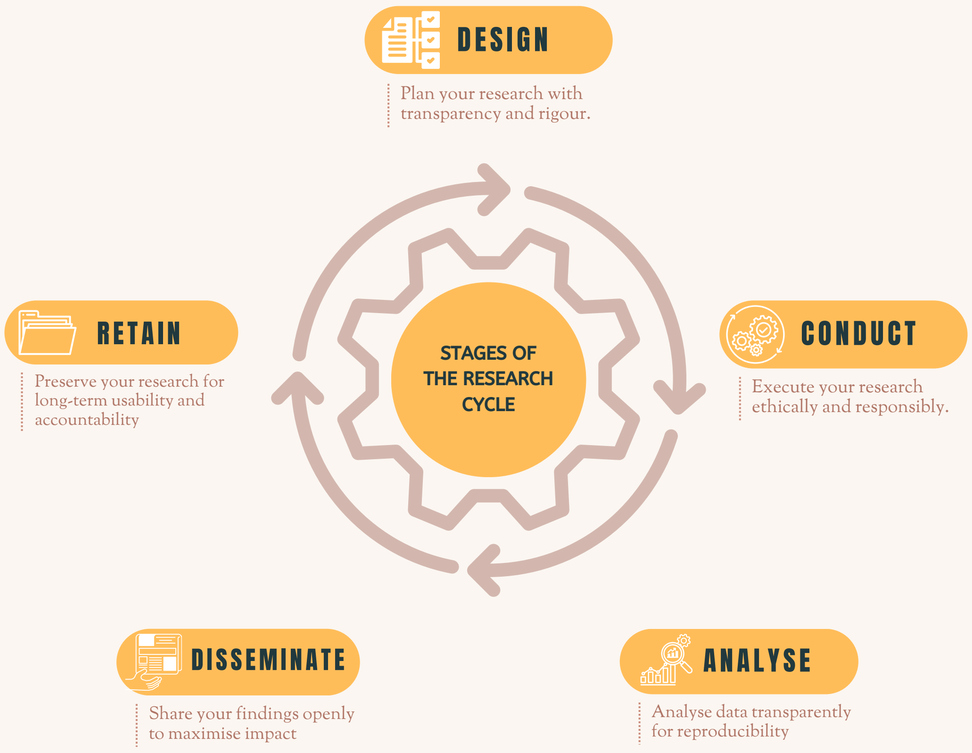
A Shared Foundation for Rigorous Research

Open Research refers to a set of **well-defined practices** that aim to make research more **transparent, trustworthy, and accessible**.
No matter your field, all research follows the same essential cycle: we design, conduct, analyse, disseminate, and retain. Because this cycle is common to all researchers, Open Research is widely adaptable.



These practices are designed to strengthen research as a collective endeavour—but they also offer **concrete advantages to you as a researcher:**

- It helps you demonstrate rigour and earn trust from your peers
- It supports collaboration, by making your work more visible and reusable
- It gives you access to tools, methods, and data that might otherwise be out of reach
- It future-proofs your research by improving traceability over time making sure you can always retrace your steps

Reflection

Where in your research workflow are you already being open?
Where could you take one step further?
Let's figure it out...

As you move through this training, you'll explore how Open Research connects to each part of the research process—from designing studies and managing data, to preregistration, publication, and licensing.
This cycle will stay with you throughout, helping you see where different practices fit—and where your own work can become more open, step by step.

A great place to begin is by making your research visible.
Creating a strong, open researcher profile is a simple but powerful way to signal your commitment to transparency, connect with others, and start building an open record of your work.

Let's explore two key tools that support this: ORCID and the Open Science Framework (OSF).

Before we start, do you have your ORCID?

Why Every Researcher Should Have an ORCID?

What is ORCID?

ORCID (Open Researcher and Contributor ID) is a unique, persistent identifier that distinguishes you from other researchers, ensuring clear and accurate attribution of your work.

Key Benefits of ORCID

- **Unique Identifier:** ORCID links all your work to a permanent ID, resolving name variations and remaining consistent across institutions.
- **Enhanced Visibility:** ORCID boosts discoverability, aiding colleagues and funders; funding agencies require it.
- **Streamlined Processes:** ORCID reduces manual data entry by linking achievements automatically across platforms.
- **Permanent Record:** ORCID ensures a stable, comprehensive record of your contributions, unaffected by name or institutional changes.

ORCID Integration in Academic Workflows

- **Journals and Publishers:** Many journals require or strongly encourage ORCID for manuscript submissions.
- **Grant Funders:** Major funding bodies require ORCID in grant applications.
- **Institutions and Repositories:** Universities and institutional repositories use ORCID to track research outputs and link them to faculty profiles.

How to Create an ORCID

- **Visit ORCID.org**
- Register:
  - Enter your name, email, and set a password.
  - Verify Your Email to activate the ORCID.
- Customise Your Profile: Add employment, education, and research outputs, or link ORCID to your publication databases like Scopus or Web of Science.

Scan to Register

It's easy, and takes less than 5 minutes!

ORCID

Create your OSF account

Getting Started with the Open Science Framework

What is OSF?

OSF is a free, open-source platform that centralises files, data, code, and workflows to enhance transparency, collaboration, and reproducibility in research.

Why OSF is Key for Open Research?

- **Transparency**: Share data, methods, and results to enhance trust.
- **Collaboration:** Work with global researchers in real time.
- **Reproducibility:** Provide all materials needed to replicate studies.
- **Accessibility:** Make knowledge open and equitable

Access Options and Restrictions on OSF

- **Public Repositories:**
  - Share openly with the global community to promote transparency and collaboration.
  - Ideal for preprints, datasets, preregistrations, and published data.
- **Private Repositories:**
  - Collaborate privately until you're ready to share publicly.
  - Control access by limiting it to specific collaborators or audiences.
  - Useful for sensitive data, ongoing projects, or restricted sharing needs.
- **Embargo Options:**
  - Delay public access until a specific date, such as after publication.

How to Register on OSF?

- Go to osf.io and click "Sign Up".
- Register with email, Google, ORCID, or institutional credentials.
- Verify your email to activate your account.
- Customise your profile with name, affiliation, and ORCID.

Scan to Register

It's easy, and takes less than 5 minutes!

OSF