Implementing Open Research Practices with the Open Science Framework

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Times they are a changin’...

- Emphasis on reproducible research
- Data sharing requirements
- More collaborative and complex workflows
- Proliferation of tools to “help” with research
Open Science Framework

- Cloud-based project management
- Collaboration and access controls
- Features to allow reproducible research
- Integration with other tools/services
- https://osf.io/
Registration

A registration creates a frozen, time-stamped version of a project that cannot be edited or deleted.

- Snapshot of your project at a specific phase
- Original project can still be edited
- Can take many forms
  - Ego depletion pre-registration
Registration

Why register your project?

- Encouraged or required by many funding agencies
- Pre-registration facilitates good research practices, reproducible research
- $1,000 in the Pre-Reg Challenge
References