**OSSSG second session: Project Workflow**

**Date:** October 23, 2020

**Location:** Zoom

**Presenter:** Elizabeth Morin-Lessard

**Session description:** What is project workflow and how can it support open science? Project workflow refers to how your research project is organized. This encompasses everything from your file management system, naming conventions for your project documents, version control to ensure you can always find the most current (and previous) versions of a document, and how you organize access to and sharing of project documents. In our second session we'll be joined by Dr. Elizabeth Morin-Lessard who will share her experiences using project workflow to support open sharing of her research. We'll discuss how you might implement different aspects of project workflow into your own research and share resources to help you learn more about project workflow. Join us to discuss how you can adopt project workflow practices in your own research!

**Link to video recording of presentation:** <https://www.youtube.com/watch?v=Ff0qrAJvfis&list=PLJW2YCJaaePab4dJH4W0ItGm3JudPTfoc&index=2>

**Link to slides:** <https://osf.io/kasz2/>

**Challenges:**

Learn more about it!

* Check out the resources shared in today's presentation

Talk about it!

* Talk to your lab supervisor and collaborators about steps that you plan to take to improve your open science workflow (e.g. establish a lab workflow, variable naming conventions, sharing your stimuli or code)

Try it out!

* Create an OSF account
* Draft a workflow for your research (the more specific, the better!)

Implement it!

* Next time you work on your research, find one thing that you can do to improve your workflow

**Resources:**

Watch (videos):

* Keynote presentation from the Bullied into Bad Science campaign: [We won't be... Bullied into Bad Science](https://mediasite.uit.no/Mediasite/Play/c50871d34ac44518a9bcf21a06a05e161d?playFrom=13000) (~ 60 min, first hour of video)
* Webinar on how to manage research workflow on Open Science Framework: [OSF](https://www.fosteropenscience.eu/event/osf-101-manage-your-research-workflow-open-science-framework) 101: Manage your research workflow with Open Science Framework (~60 min)
* How to define a workflow process: <https://www.youtube.com/watch?v=FnuyET2HkPo>
* Professional Guides: Workflow Strategies (by GitHub): <https://www.youtube.com/watch?v=aJnFGMclhU8>
* Practical tips for data sharing: <https://www.youtube.com/watch?v=QBYVCbv5ZiQ&t=5s>

Read (articles/papers/blogs):

* [Workflow vs. project management.](https://www.projectcentral.com/blog/project-workflow-management/)
* [5 ways to optimize your research workflow with OSF](https://www.cos.io/blog/5-ways-to-optimize-your-research-workflow-with-osf)
* [Open Science Top Ten Open Source Tools](https://genr.eu/wp/open-science-top-ten-tools-all-open-source/)
* [The Turing Way](https://the-turing-way.netlify.app/welcome.html): An open-source guidebook to reproducible, ethical, inclusive, and collaborative data science. Check out the guide for reproducible research and the guide for project design for topics related to project workflow
* [Easing into Open Science: A Tutorial for Graduate Students](https://psyarxiv.com/vzjdp/)
* [Learn about OSF](https://www.cos.io/products/osf)