



Open Educational Resources for Open Science

New perspectives from a new steering committee

Who we are?

Since 2018: we are a collaborative community building a collection of **openly-licensed educational materials** that use methods of open education to teach open science principles and applications.

More than 1100 users



[Open-MOOCers](#)

More than 1300 followers



<https://www.facebook.com/OpenScienceMOOC/>

More than 8600 followers



[OpenScienceMOOC](#)

Strong interest from early career researchers and students

OPEN SCIENCE MOOC

FREE | OPEN | LEARNING



New Steering Committee: international team

Osman Aldirdiri 🇸🇩, Chris Erdmann 🇺🇸, Diego Forero 🇨🇴,
Stefaniia Ivashchenko 🇺🇦, Jennifer Miller 🇺🇸, Jadranka
Stojanovski 🇭🇷

- We acknowledge that the **early career researcher community** is a big part of our audience
- Our desire is to build an **inclusive community** that empowers underrepresented groups and regions to learn about and contribute to open science
- Our aim is to foster **broadier contributions** and reduce friction by allowing creators to be creators and to leverage **open principles** in creating learning pathways

Our Pledge



In the interest of fostering an open and welcoming environment, we as contributors and maintainers pledge to make participation in our project and our community a harassment-free experience for **everyone**, regardless of age, body size, disability, ethnicity, sex characteristics, gender identity and expression, level of experience, education, socio-economic status, nationality, personal appearance, race, religion, or sexual identity and orientation.

Full Code of Conduct: <https://opensciencemooc.eu/coc/>



Our (Potential) Partners



Open Educational Resources

Open Science Principles and Applications

Open principles

Public engagement with science

Open evaluation

Open access

Open source research software

Open research data

Reproducible research

Open collaboration

Methods of Open Education

Access-oriented

Learner-driven

Build a knowledge commons

Open Licensed Materials You Can

Retain



Reuse

Revise

Remix

Redistribute

Open education and licensing frameworks from [A Guide to Making Open Textbooks with Students](#) by Robin DeRosa and Rajiv Jhangiani and Defining the "Open" in Open Content and Open Educational Resources, by David Wiley both published Creative Commons Attribution 4.0 license at <http://opencontent.org/definition/>, except where otherwise noted.)

	About Open Science 	Not about Open Science 
Uses Open Methods and Materials	A self-paced online Open Science Principles course with CC 0 designation	An open educational resource for personal finance
Doesn't Use Open Methods or Materials	A video lecture about alternative models of scholarly publishing	A copyrighted textbook teaching proprietary statistical analysis software

Open Science MOOC is about **dozens of people** working together to create Open Educational Resources for implementation of Open Science practices in academic research and communication.

Git Hub community

The screenshot shows the GitHub profile page for 'Open Science MOOC'. The header includes the GitHub logo, a search bar, and navigation links for Pull requests, Issues, Marketplace, and Explore. The repository name 'Open Science MOOC' is displayed, along with its description: 'Community organisation for the development of an Massive Open Online Community for Open Science'. Below this, contact information is provided: 'The World.', a website link 'http://opensciencemooc.eu/', an email 'info@opensciencemooc.eu', and a 'Verified' badge. A summary bar shows 'Repositories 25', 'Packages', 'People 20', and 'Projects'. The 'Pinned repositories' section features six repositories: 'Main' (Management materials and content, 30 stars, 10 forks), 'Module-5-Open-Research-Software-and-Open-Source' (Module 5: Open Research Software and Open Source, 60 stars, 51 forks), 'Module-1-Open-Principles' (Module 1: Open Principles, 30 stars, 16 forks), 'Module-6-Open-Access-to-Research-' (partially visible), 'Module-9-Open-Educational-' (partially visible), and 'Module-4-Open-Research-Data' (partially visible). Each repository card includes a red dot icon, the file type 'HTML', and star/fork counts.

Open Science MOOC

Community organisation for the development of an Massive Open Online Community for Open Science

The World. <http://opensciencemooc.eu/> info@opensciencemooc.eu Verified

Repositories 25 Packages People 20 Projects

Pinned repositories

- Main**
Management materials and content
HTML ☆ 30 🍴 10
- Module-5-Open-Research-Software-and-Open-Source**
Module 5: Open Research Software and Open Source
HTML ☆ 60 🍴 51
- Module-1-Open-Principles**
Module 1: Open Principles
HTML ☆ 30 🍴 16
- Module-6-Open-Access-to-Research-**
- Module-9-Open-Educational-**
- Module-4-Open-Research-Data**

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10 modules



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Open Principles

Status: This module is currently live and [and freely available online](#).

The second release for this module is now ready, and has been published on Zenodo:

DOI [10.5281/zenodo.2595951](https://doi.org/10.5281/zenodo.2595951)

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OpenScienceMOOC/Module-1-Open-Principles: Second release (Version 2.0.0). Zenodo.

<http://doi.org/10.5281/zenodo.2595951>

- Open principles
- Open collaboration
- Reproducible research and data analysis
- Open research data
- Open research software and Open Source
- Open access to research papers
- Open evaluation
- Public engagement with science
- Open educational resources
- Open advocacy

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Our goals and plans

Establish legal **non-profit** status

Promotion to the open science
community and academia

GOALS & PLANS

Creation an **inclusive** community

Leverage current and explore new
partnerships

Content:
updating, editing,
adding new
modules

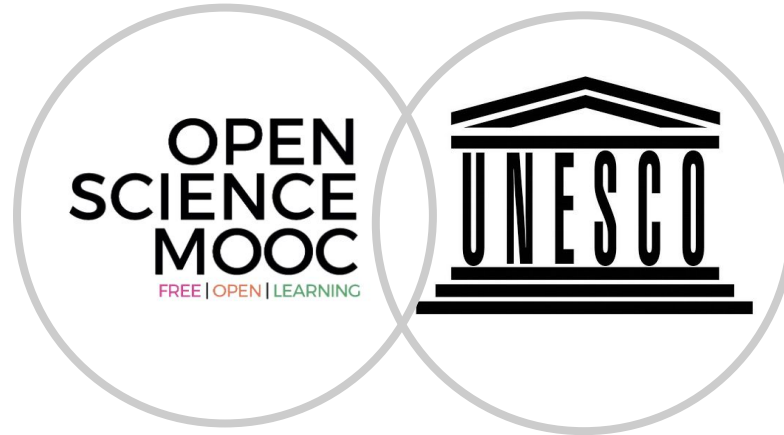
Multicultural
and multilingual
participation

**Financial
support** from our
partners that
share the same
vision and values

Foster and
invite **further
collaborations**

Open Science MOOC **participation** in
the UNESCO report and
recommendation process

Establish Open Science MOOC
partnership, legal status with
UNESCO



Advancing open science is about **open, accessible educational resources** and **an engaged community**. Open Science MOOC can be a place where UNESCO recommendations are advanced, particularly with regard to expanding and making open science education more **inclusive**

Thank you for your attention!