

Open Science: Accountability, Integrity, and Reproducibility in Scholarly Research

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Post Url

<https://www.enago.com/academy/open-science-accountability-integrity-and-reproducibility/>

In this increasingly complex and interconnected global scientific ecosystem, Open Science aims to make knowledge transparent and accessible using digital technologies, collaborative networks, and tools. The principles of openness must be applied to all the stages of the research cycle as a step forward to increase integrity, collaboration, and reproducibility in scholarly research. This presentation will give a detailed overview of the concept of Open Science and its aspects such as Open Access, Open Data, etc. It will also highlight how researchers can contribute to Open Science by sharing their research outputs, resources, methods, or tools openly.

Through this presentation, you will have a better understanding of the following:

1. Overview of “Open Knowledge” and its pros and cons
2. Awareness regarding open access publishing
3. The significance of open data sharing
4. Insights into open peer review and open licensing
5. Summary of open source and open education resources
6. Outline of open science movement

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