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How connected are research data management and research integrity? Linda Zollitsch

comparison between the European Code of Conduct for Research (DOI:10.26356/ECOC) and the Learning Objective Matrix for Research Data Management (DOI: 10.5281/zenodo.8010617) to describe commonalities and differences between Research Integrity (RI) and

Research Data Management (RDM) RI: represented by the European Code of Conduct for Research Integrity

RDM: represented by the learning objective matrix for research data management

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RDM as part of RI

RI as part of RDM

Culture of RI

Relevant infrastructures

Data quality

Mentoring

Data protection

FAIR principles

Tools

DMP

Anonymisation and pseudonymisation

Collaboration, agreements

Personal data

Reviewing

Data safety

Publication of data

Persistent identifier

Repositories

Informed consent

Data storage, backup

Documentation and metadata

Authorship, contributions

Legal aspects

Ethical aspects

Good research practice

Didactics

Conclusion

RDM and RI are strongly connected in regards to their content

Example of training material for RI



Recommendations

- Building alliances between the RI and the RDM community
- Using and reusing materials from each other
- Collaborating together on designing trainings
- Learning from each other about what works and what doesn't

Example of training material for RDM



Illustrations by Cleo Michelsen

ALLEA (2023) The European Code of Conduct for Research Integrity – Revised Edition 2023. Berlin. DOI 10.26356/ECOC

Petersen, Britta et al. (2023). Lernzielmatrix zum Themenbereich Forschungsdatenmanagement (FDM) für die Zielgruppen Studierende, PhDs und Data Stewards (Version 2). Zenodo. https://doi.org/10.5281/zenodo.8010617

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