

RESEARCH DATA MANAGEMENT

1 ECTS | 2 days

Are you involved in a project funded by Horizon 2020 or by the Portuguese Foundation for Science and Technology?

Do you want to share your scientific data and don't know how?

Then this course is for you!

WHAT IS IT?

Scientific data consists of statistics, results of experiments, measurements, observations resulting from field work, research results, interviews and image recordings and these can be archived and made accessible through repositories compatible with other scientific information management systems.

Course Description

Recently, major financing entities like the Portuguese Foundation for Science and Technology, the European Commission and the G8 have issued recommendations or mandates for the open access to research data recommending that the “scientific research data should be easily discoverable, accessible, assessable, intelligible, useable, and wherever possible interoperable”. Studies show that making data available increases citations and the researcher's impact.

This course aims to help researchers and PhD students to better manage their research data in compliance with financing agencies guidelines, and to make data discoverable and citable.

Key Topics

Open Access and Open Science

Open Data Pilot in Horizon 2020 and FCT Policy

What is open data

Open data initiatives

Data repositories

Research Data Management plans and licensing

Interoperability between the University's Institutional Repository, OpenAire infrastructure and Converis

WHO CAN APPLY?

PhD students at Universidade NOVA de Lisboa.

PhD holders working at NOVA (Professors, researchers,...)

Recommended to Researchers/ project managers participating in University's projects funded by Horizon 2020 and FCT and PhD students with FCT grants

LECTURERS AND EVALUATION

Course Coordinators

Prof. Fernando Bação, PhD.

Lecturers

Antónia Correia

Isabel Andrade

Sean Story

Susana Lopes

Assessment Methodologies

Multiple choice test.

MORE INFO

Main Bibliography:

- Beagrie N, Houghton J (2014) The value and impact of data sharing and curation: a synthesis of three recent studies of UK research data centres. Bristol: Jisc.
<http://www.jisc.ac.uk/publications/reports/2014/data-sharing-and-curation.aspx>
- Cabinet Office (2013) G8 Open Data Charter and technical annex : policy paper.
<https://www.gov.uk/government/publications/open-data-charter/g8-open-data-charter-and-technical-annex>
- European Commission (2013) Guidelines on Open Access to Scientific Publications and Research Data in Horizon 2020, Version 1.0 (11 December 2013).
http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-pilot-guide_en.pdf
- European Commission (2013) Guidelines on Data Management in Horizon 2020, Version 1.0 (11 December 2013)
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- Nature (2009) Data's shameful neglect. Nature, 461(7261), 145-145. doi:10.1038/461145a
- Tenopir C, Allard S, Douglass K, Aydinoglu AU, Wu L, et al. (2011) Data sharing by scientists: practices and perceptions. PLoS ONE 6(6) e21101. doi: 10.1371/journal.pone.0021101.