



MANTRA

Research Data Management Training

Research Data MANTRA

- Is a free non-credit course which provides guidelines for good practice in research data management.
- Has been designed for postgraduate students and early career researchers who are starting a research project.
- Covers pragmatic issues of interest to all research disciplines, based on needs assessments in geoscience, social and political science and clinical psychology.
- Offers software-specific data handling practicals.
- Is an Open Educational Resource that may be freely used by anyone, and is available for re-use through an open licence.

Supported by

JISC EDINA

<http://datalib.edina.ac.uk/mantra>

For more information, email datalib@ed.ac.uk

MANTRA - The Research Data Management Training Course

What is it?

MANTRA is a free, non-credit online course which provides guidelines for good practice in research data management.

It consists of interactive online units which focus on key concepts of data management. They feature video clips of academics and PhD students talking about the challenges of managing their research data.

The units are accompanied by practical exercises in handling data within four software analysis environments (**SPSS, NVivo, R and ArcGIS**), which learners can download and work through at their own pace.

What is it?

It is for PhD students, early career researchers, and all others who are planning a research project. The course is an Open Educational Resource that may be freely used by anyone. It is available through an open license for re-using, rebranding, and repurposing.

Who produced it?

The Data Library team at EDINA produced the original materials during the MANTRA project (2010-11), part of the JISC Managing Research Data programme. They worked with the School of Social and Political Science, the School of GeoSciences and the Clinical Psychology section in the School of Health in Social Science to target the resources towards their doctoral training programmes. The software practicals were written by

expert data analysts in each software domain. The online module was created using Xerte Online Toolkits, an open source authoring tool.



The Institute for Academic Development provides University level support for teaching, learning and researcher development, including workshops and other resources for postgraduate students and research staff.
<http://www.ed.ac.uk/schools-departments/institute>



The Data Library team at EDINA who developed MANTRA are part of Information Services at the University of Edinburgh.
<http://www.ed.ac.uk/is/data-library>



MANTRA supports the Research Data Management policy of the University of Edinburgh.
<http://www.ed.ac.uk/>



EDINA, a JISC national datacentre, host the MANTRA course online to benefit UK Higher Education and beyond.
<http://edina.ac.uk>



The Joint Information Systems Committee supports the service.
<http://www.jisc.ac.uk>