Managing, sharing and handling research data: positive contributions from the social sciences

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Belmont Forum,
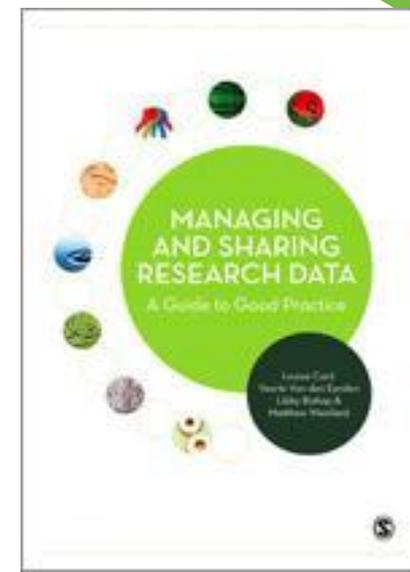Vienna
28 April 2017

UK Data Service

UK Economic and Social Research Council

- Data Service & Research Data Policy since 1967 – mandatory
- DM Plans since 2000

- ✓ Well-supported RDM and support service – Data Police
- ✓ Busy repository: ESRC, other, Scientific Data
- ✓ Advocacy, training, guidance, SAGE modular Handbook
- ✓ Train Postgrads, researchers, curators, train the trainers
- ✓ Well-connected internationally, key CESSDA contributor

Extend training to incorporate:
- 2016 Big data social science agenda
- Cross-disciplinary data access
- Journal Transparency Agenda
- Research Data Journal - HSS

CESSDA Research Data Management 101

1_Research data management

2_Research data management plan

3_Data sharing

4_Documentation and metadata

5_File formats

6_Data security

7_Intellectual property rights

8_Data consent and ethics

9_Research data management checklist

Offer social science researchers practical guidance on how to solve RDM issues

Online course materials, pdf's, websites, video's and literature enriched with insights, guidance and rich use cases from the social sciences

Online materials can be used during and as preparation material at a 1-2 day local workshop; extensible

Provide train-the-trainer guidance that can be uploaded on and downloaded from a Knowledge Sharing Platform

UK Data Service

Upskilling for data curators

- Conundrum: Offer detailed RDM training externally, many of our staff are not as trained

- New and novel forms of data: huge step up for social science data archives. Organisationally disruptive

- Move away from manual QA methods for publishing data

- Deliver cross-disciplinary working opportunities

- New roles – statisticians, data scientists

Need good supportive upskilling pathways

UK Data Service - Data science training

[Encounters with big data: An introduction to using big data in the social sciences](), February 2017 Cape Town, South Africa

5 day intensive summer school

- ✓ Introduce key concepts /discussions around managing /using big data
- ✓ Introduce attendees to our open source data platform for big data
- ✓ Mixture of: instruction, demos, hands-on exercises, small group project
- ✓ Focus on quantitative data and statistical approaches
- ✓ Entry bar set high - experienced data users
- ✓ Good understanding of statistical methodology /analysis techniques

Pitch: specialist follow-on course for students who attended the Summer 2016 CoData-RDA Summer School for Research Data Science

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