ReShare: Re-Shaping the Landscape of Research Data Repositories

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What is ReShare

• Self-deposit data repository for research data
• Part of UK Data Service
• Remit: “data resources of value to research and teaching communities across and beyond the social science discipline” (Collections Development Policy)
• ESRC award holders: contractual requirement to archive and share their research data
• Customised version of EPrints, open-source digital repository software
• Developed via ESRC funding
• reshare.ukdataservice.ac.uk
ReShare is the UK Data Service's online data repository, where researchers can archive, publish and share research data, as open or safeguarded data.

Collections of data and accompanying documentation can be submitted after registering with the UK Data Service. ReShare is where ESRC grant holders submit the data from their research grants, as a contractual requirement under the ESRC research data policy. In the process related grant information can be retrieved from the RCUK Gateway to Research. We review data before their release, to ensure they conform with ethical and legal requirements.

Search and find data via the UK Data Service's Discover portal.
ESRC research data policy

Publicly funded research data are a public good, produced in the public interest, which shall be made openly available and accessible with as few restrictions as possible in a timely and responsible manner that meets a high ethical standard and does not violate privacy or harm intellectual property (ESRC Research Data Policy, 2015)

• ESRC grant applicants planning to create data during their research include a data management plan
• ESRC award holders share research data within three months of the end of their grant

Researchers should take into account the long-term use, including the potential for data linkage and preservation of data when obtaining consent. In some cases it may not be appropriate to archive data, but this should be discussed with an appropriate ESRC data service provider, for example the UK Data Service (ESRC Framework for Research Ethics, 2015)
ReShare features

- UK Federation Access authentication of data depositors and data users
- Pre-fills related project information from RCUK Gateway to Research (auto-fill 11 metadata elements: project-level, people, dates)
- Publish metadata records to UK Data Service Discover portal
- DOI minted
- UKDS staff review data collections before publishing:
  - confidentiality
  - copyright
  - documentation sufficient
  - long-term file formats
Access conditions

Depositor selects for each file or Zip bundle uploaded one of the following:

- **Open**
  - available for download/online access under open licence without any registration

- **Safeguarded**
  - available for download/online access to logged-in users who have registered and agreed to an End User Licence

- **Permission access**
  - available for particularly sensitive data under End User Licence.
  - registered users of the UK Data Service will need to request access from the depositor.
Deposit process

- Log in
- Create metadata record for data collection
- Upload data and documentation files
- Set access and licence conditions
- Submit
- Edit if necessary
- Re-submit

- Review
- Negotiate with depositor (if required)
- Publish

researcher

UK Data Service
Easy to publish and upload data

Edit collection: Data Collection #851515

To deposit a data collection, you must accept the ReShare Terms and Conditions.

- I confirm that I am the owner of the copyright and associated intellectual property rights in the whole Data Collection or am otherwise lawfully entitled to grant this licence on behalf of each and every owner;
- I grant a non-exclusive, royalty-free licence to the UK Data Archive (a department of the University of Essex and not a separate legal entity) of Wivenhoe Park, Colchester, CO4 3SQ (the "University") to hold, make copies of, and disseminate copies of the Data collection, in accordance with the access conditions I will specify when uploading data files, open data accessible to users without registration, or safeguarded data accessible to users registered with the data services provided by the UK Data Archive.

I agree to the ReShare data deposit terms and conditions

Save for later  Cancel  Next >
Global Uncertainties: Security In an Africa of Networked, Multi-Level Governance


The programme of research centres on how the various institutions responsible for the production of security and the management of conflict in Sub-Saharan African societies do, could and should evolve in response to the presence of violent conflict. These institutions include: the armed forces, police, courts (civil as well as criminal), "traditional" institutions of local governance, elections (and other methods of choosing leadership), international organisations (such as the United Nations, African Union, UN High Commission for Refugees, the World Court), and the community of international donor nations. The programme is built on the observation that all governance (especially in Africa) is multi-levelled and networked - from the village to the international organisation, and well beyond what is specified in formal government structures. Thus the focus will be not only on the ways in which key conflict-management institutions evolve themselves but also on the changing ways in which the networks in which they are embedded actually operate. This leading edge research challenges theories about the state, state formation, and sovereignty as well as the dynamics of violent conflict as presented in the dominant current work on Africa. The primary methods of research will be network analysis and qualitative interviewing.
Coverage and Methodology

Collection period: Date from: 1 April 2009
Date to: 31 March 2013
Country: Sierra Leone
Data collection method: Group interviews in 39 villages and towns in rural Sierra Leone
Observation unit: Groups
Kind of data: Alpha-numeric, Textual
Type of data: Qualitative and mixed methods data
Resource language: English

Access and Administration

Data sourcing, processing and preparation: Citizen interviews
Copyright holders:
Name: Leonard, David
Email: Unspecified
Affiliation: Institute of Development Studies
ORCID: Unspecified
Name: Unspecified
Email: Unspecified
Affiliation: Unspecified
ORCID: Unspecified
Name: Leonard, David
Email: leonard@berkeley.edu
Affiliation: Institute of Development Studies
ORCID: Unspecified

Contact:
Name: Leonard, David
Email: leonard@berkeley.edu
Affiliation: Institute of Development Studies
ORCID: Unspecified

Notes on access: The names of individual respondents have been removed from the data set.
Publisher: Economic and Social Research Council
Last modified: 22 Oct 2014 19:27
**AVAILABLE FILES**

**Data**

- **File or bundle content:** Data
- **File or bundle description:** Security & Networks
- **File format:** application/octet-stream
- **License:** UK Data Service End User Licence
- **File size:** 10Kb

Accessible to: Registered users only (safeguarded data)

- [Sierra_Leone_Security_%26_Networks.xlsx](#)
- [Copy_of_Somalia_SC_peace_initiatives.xlsx](#)

**Documentation**

- **File or bundle content:** Documentation
- **File or bundle description:** Sierra Leone methods
- **File format:** application/msword
- **License:** UK Data Service End User Licence
- **File size:** 64Kb

Accessible to: Anyone (open data)

**RELATED RESOURCES**

**Website**

Project outputs and publications
A Depositor Service’s life is...
Self-upload guidance

- Lots of it…guides, webinars, hand-holding
- Review criteria are explicit
- Still many questions
- Still some recurring issues to deal with
ReShare review procedures

• Checks conducted: disclosure risk, copyright breaches, validity of file formats and sufficient documentation

• All numerical data files and at least a 10% random sample of textual data files

• Amendments to the data, documentation or metadata, or requests for additional documentation are communicated to the data depositor

• Data review comments and actions taken are recorded
The value of the ‘ReadMe’

Good practice for each **data collection**

- For each filename a short description of what data it includes
- Any relationships between the data files
- For tabular data definitions of column headings and row labels, data codes (including missing data) and measurement units
- For textual data a data list of all interviews, focus groups, etc
ReShare where does it all go wrong?

In ranking order:

• Lack of supporting documentation

• Incomplete metadata

• Data and documentation in unsupported formats

• Poor file names
Solutions

• Relay issues back to depositor

• Re-iterate our expectations

• Specify exact amendments required

• Direct depositors to ReShare user guidance
  (http://reshare.ukdataservice.ac.uk/help/index.html)
“Burdening” the depositor

- Depositors are often busy preparing for next research opportunity
- Lack of thought given to the process
- Unprepared
- Not a priority

We assist by…
- Providing support and comprehensive guidance
- Encouragement
- Persistence
Recommendations for depositors

• Contact the UK Data Service’s ReShare team early in your research process to gain advice and guidance reshare@ukdataserive.ac.uk

• Consult the ReShare user guidance http://reshare.ukdataservice.ac.uk/help/index.html

• Keep in mind your intention to archive and data share in all aspects of your research and data collection

• For general information on preparing your data for deposit see the UK Data Service guidance http://ukdataservice.ac.uk/deposit-data/preparing-data.aspx
Not forgetting good early RDM practices

- Capture information and documentation/metadata during the data collection process that will allow understanding of your data
- Check, validate and clean your data during research
- Ensure you are organising, naming and versioning data files meaningfully
- If data contain personal or confidential information, gain participant consent to share data and create an anonymised version, where possible
User feedback

Positives

• ReShare interface simple to use
• Comprehensive user guidance
• Advice and guidance readily available via ReShare administrators
• Reputable system in which to place your research data
• Increases discoverability and impact of research
User feedback

Negatives

• Defining “data” is complex
• Data collection completion is difficult unless completed by the principal investigator
• Dependency on external systems can be unreliable
• Can be time consuming
• A burden once a research project is complete
A year of ReShare

• A recommended repository by Scientific Data, the open-access data journal of Nature Publishing Group.

• **688** ReShare project records available in the UK Data Service Discover catalogue.

• **500** migrated from the ESRC Data Store

• **188** projects submitted since ReShare launched April 2014

• **210** collections pending
  • **55** in review
  • **155** in the pipeline – being deposited or being sent back after review for actioning
ReShare Quality Mark

Aims:

- To motivate researchers to create high quality data collections.
- Exemplify these high quality collections.
- Based upon ReShare’s fundamental review criteria.

(http://reshare.ukdataservice.ac.uk/reshare-review-procedures/)
ReShare Quality Mark

How it works..

We award a score of 1 to 3 for each element of the criteria.
• 1= lacking essential criteria
• 2= satisfactory
• 3= excellent

• The quality mark will be awarded by the ReShare administrator conducting the review.

• Exemplar projects will appear on ReShare’s home page.
Quality Mark Criteria

Data quality
• Completeness of data collection (no missing data files/elements, data corresponds to method)

Structure of data collection
• good zip bundle/folder structure, clear file names, logical folders
• Complete datasets in supported formats (http://ukdataservice.ac.uk/manage-data/format/recommended-formats.aspx)

Consistency of data collection
• uniform transcript formats, uniform tables, sufficient internal metadata
Quality Mark Criteria cont.

Best efforts made for data sharing
• data optimally anonymised
• consent for sharing in place
• optimal openness of data

Documentation quality
• Robust supporting documentation
• ReadMe file, clear and sufficient documentation to understand the data collection

Complete metadata record
• comprehensive abstract and metadata information,
• depositor information and affiliation
• Provide “related resources”
ReShare Quality Mark

ReShare

"Archiving and sharing research data"

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OUR QUALITY MARK: EXEMPLARY DATA COLLECTIONS:


ReShare in Discover

Discover data

We hold the UK's largest collection of digital social research data

Search and browse our collection and related documentation, guides and case studies
Read more

STOP

DISCOVER UK DATA SERVICE
Search and browse our data collection, support guides, case studies and related publications.

Violence 60

Data  Website

KEY DATA
Census Support
Information for new users
Frequently asked questions
Discover

Search and browse our data collections, support guides, case studies, and related publications.

Search for Violence

Results per page: 10
Displaying 1-10 of 15 results
Sorted by: Relevance

- SN 051150 Investigating Adolescent Violence towards Parents
  Rachel Condy, University of Oxford
  Full record...

- SN 050417 Contested development?: intimate partner violence and women's employment in urban and rural Tanzania
Questions

Contact details:

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