
ReShare: Re-Shaping the Landscape of Research Data Repositories

Louise Bolger

Collections Development Officer;
UK Data Archive

Iassist 2015, Minnesota
Population Centre,
Minneapolis

UK Data Service



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 Homepage

ReShare

"Archiving and
sharing research
data"



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.



QUICK ACCESS TO

Deposit data collection

UK Data Service



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
- researcher
- Review
 - Negotiate with depositor (if required)
 - Publish
- UK Data Service

UK Data Service



ReShare User Guidance

The screenshot shows the 'ReShare help guidance' page. On the left is a sidebar with links: 'My data', 'Manage records', 'Profile', 'Review', 'Admin', and 'Edit page'. The main content area has a header with 'Home', 'Legal', and 'Review procedures'. Below this is a list of steps: 1. Prepare research data for ReShare, 2. Deposit data in ReShare, and 3. Further guidance. Each step has sub-links. A 'QUICK ACCESS TO' section contains a 'Deposit data collection' button. At the bottom, it says 'PREPARE RESEARCH DATA FOR RESHARE' and 'Whilst your research is ongoing you can prepare your data for future deposit and'.

<http://reshare.ukdataservice.ac.uk/help/index.html>

The screenshot shows the 'ReShare data review procedures' page. The sidebar and header are the same as the previous page. The main content area has a list of steps: 1. UK Data Service review procedures and 2. External peer reviewer procedures. Below this is a section titled 'UK DATA SERVICE REVIEW PROCEDURES' which explains the review process. It states that the UK Data Service reviews each data collection submitted to the ReShare repository for disclosure risk, copyright breaches, validity of file formats and level of documentation before publishing the collection. The quality or scientific validity of research data is not evaluated. It also mentions that all numerical data files and at least a 10% random sample of textual data files are reviewed, and that non-English language data files are checked if a staff member of the UK Data Service is familiar with the language. Any concerns, changes needing to be made to data files, or requests for additional documentation are communicated to the data depositor for action. Data review comments and actions taken are noted in the data collection metadata record, as provenance information for the data collection. A 'Review procedures' section follows, listing a generic project-level checklist: project-level metadata and consent forms are checked for legal and ethical information specified by the depositor that influences data sharing and reuse (e.g. anonymization carried out; consent in place for data sharing; consent for disclosing participant names...).

<http://reshare.ukdataservice.ac.uk/reshare-review-procedures/>

The screenshot shows the 'ReShare' page with the title 'Archiving and sharing research data'. It features the ReShare logo and a search bar. Below the search bar is a 'QUICK ACCESS TO' section with a 'Deposit data collection' button. The main content area has a video player with the title 'How to deposit data in the ReShare repository'. The video player shows a thumbnail of a person at a computer. Below the video player is a section titled 'VIDEO: HOW TO DEPOSIT DATA IN THE RESHARE REPOSITORY'.

<http://reshare.ukdataservice.ac.uk/>

The screenshot shows the 'ReShare Legal Documentation' page. The sidebar and header are the same as the previous pages. The main content area has a section titled 'ReShare Legal Documentation' which states: 'This page contains the terms and conditions for use of the UK Data Service ReShare data repository. The first section applies to data deposit, while section two and three apply to data use (safeguarded and open data respectively)'. Below this is a list of links: 1. Deposit terms and conditions, 2. Use terms and conditions for safeguarded data, 3. Use terms and conditions for open access data, and 4. Definition of terms. A 'DEPOSIT TERMS AND CONDITIONS' section follows, stating: 'By accepting the terms and conditions, I, the Depositor:'. Below this is a list of conditions: 1. 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.

<http://reshare.ukdataservice.ac.uk/legal/>



Easy to publish and upload data

Logged in as Louise Corti Logout UK Data Service home Help About FAQ Contact

UK Data Service
ReShare



My data

Home

Legal

Review procedures

Edit collection: [Data Collection #851515](#)

Terms and conditions



Award details



People



Data collection



Upload



Deposit

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 >

The UK Data Service is funded by the ESRC with contributions from the University of Essex and the University of Manchester.

© Copyright 2012-2014 University of Essex and University of Manchester. All rights reserved.

Home Terms and conditions Cookies

ce



Global Uncertainties: Security In an Africa of Networked, Multi-Level Governance

Leonard, David 2014. Global Uncertainties: Security In an Africa of Networked, Multi-Level Governance. [Data Collection]. Colchester, Essex: Economic and Social Research Council. <http://reshare.ukdataservice.ac.uk/id/eprint/851233>

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-leveled 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.

Creators:	Creator Name	Email	Affiliation	ORCID
	Leonard, David	Unspecified	Institute of Development Studies	Unspecified
Research funders:	Economic and Social Research Council			
Grant reference:	RES-071-27-0048			
Subjects:	Law, crime and legal systems Politics			
Date deposited:	31 Jan 2014 19:00			
Last modified:	22 Oct 2014 19:27			

+ Coverage and Methodology

+ Access and Administration

UK Data Service



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

— Security_%26_Networks.xlsx

Accessible to: Registered users only (safeguarded 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

+ Sierra_Leone_Security_%26_Networks__Coded.xls

+ Copy_of_Somalia_SC_peace_initiatives.xlsx

Documentation

— Sierra_Leone_methods.doc

Accessible to: Anyone (open data)

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

RELATED RESOURCES

Website

[Project outputs and publications](#)

UK Data Service



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@ukdataservice.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.

UK Data Service



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"



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.

OUR QUALITY MARK: EXEMPLAR DATA COLLECTIONS

Russell, Steven (2015). [*Life on antiretroviral therapy: People's adaptive coping and adjustment to living with HIV as a chronic condition in Wakiso District, Uganda*](#).

Stephan, Andreas (2015). [*Survey of public attitudes to price fixing and cartel enforcement in Britain, 2007*](#).



QUICK ACCESS TO

Deposit data collection

Data Service



ReShare in Discover

UK Data Service



About us

Get data

Use data

Manage data

Deposit data

News and Events

Site Search FAQ Help Contact

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

LOGIN / REGISTER

DISCOVER UK DATA SERVICE

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

Violence

GO

☐ Data

☒ Website

LATEST TWEETS



RT @UKDataService: 5 simple protocols to ensure a workable pathway for assessing, handling and accessing sensitive data
[@UKDataService](#)

LATEST NEWS



GET TO KNOW US



QUICK ACCESS TO

Key data

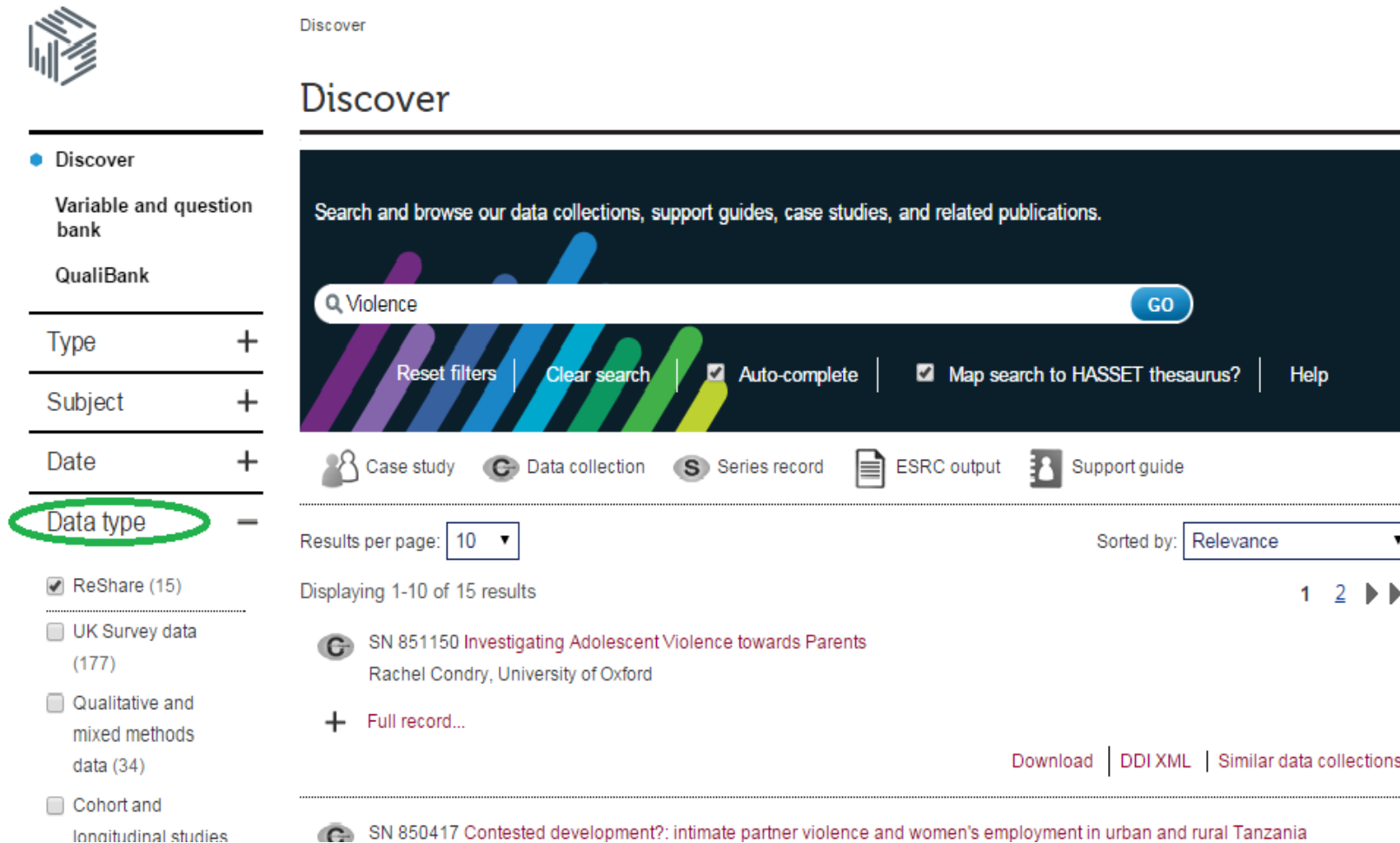
Census Support

Information for new users

Frequently asked questions



ReShare in Discover



The screenshot displays the Discover website interface. On the left is a sidebar with navigation options: Discover (selected), Variable and question bank, QualiBank, Type (+), Subject (+), Date (+), and Data type (-). The Data type section is expanded, showing filters for ReShare (15), UK Survey data (177), Qualitative and mixed methods data (34), and Cohort and longitudinal studies. The main content area is titled 'Discover' and features a search bar with the query 'Violence'. Below the search bar are links for Reset filters, Clear search, and checkboxes for Auto-complete and Map search to HASSET thesaurus?. A row of icons represents different data types: Case study, Data collection, Series record, ESRC output, and Support guide. The results section shows 'Results per page: 10' and 'Sorted by: Relevance'. It displays 'Displaying 1-10 of 15 results' with pagination controls. The first result is 'SN 851150 Investigating Adolescent Violence towards Parents' by Rachel Condry, University of Oxford, with a '+ Full record...' link. The second result is 'SN 850417 Contested development?: intimate partner violence and women's employment in urban and rural Tanzania'. At the bottom right of the results area are links for Download, DDI XML, and Similar data collections.

Discover

Discover

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

Violence GO

Reset filters | Clear search | ☒ Auto-complete | ☒ Map search to HASSET thesaurus? | Help

Case study Data collection Series record ESRC output Support guide

Results per page: 10 Sorted by: Relevance

Displaying 1-10 of 15 results

1 2 ▶▶▶

SN 851150 *Investigating Adolescent Violence towards Parents*
Rachel Condry, University of Oxford
+ Full record...

Download | DDI XML | Similar data collections

SN 850417 *Contested development?: intimate partner violence and women's employment in urban and rural Tanzania*



Questions

Contact details:

Louise Bolger

Collections Development Officer

reshare@ukdataservice.ac.uk

