ReShare: Re-Shaping the Landscape of Research Data Repositories

Louise Bolger

Collections Development Officer;
UK Data Archive

Iassist 2015, Minnesota
Population Centre,

Minneapolis

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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 Homepage

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

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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.
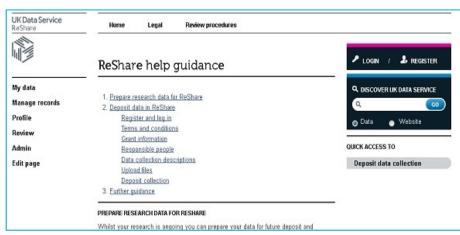
Deposit process

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

researcher

- Re-submit

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

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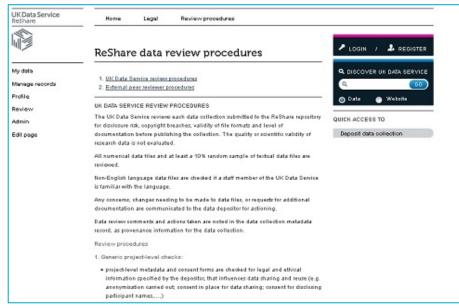
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ReShare User Guidance

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

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

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

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

Easy to publish and upload data

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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 >

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 organisatoins (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

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Coverage and Methodology

Collection period:

Date from:	Date to:
1 April 2009	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

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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

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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

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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

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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)

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"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

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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

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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

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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

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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

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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/)

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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.

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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

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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"

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ReShare Quality Mark

ReShare in Discover

ReShare in Discover

Questions

Contact details:

Louise Bolger

Collections Development Officer

reshare@ukdataservice.ac.uk

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