
Access controls and licensing for data

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Managing and sharing research data: What is new
with the GDPR?

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UK Data Service



Publishing data – access controls

- **Publishing data in a data repository** does not automatically make them openly accessible
- Data can be protected where needed by limiting access to the data



Data Access Policy: our spectrum

Open

- No risk
- Open licence
- Almost no restrictions on reuse

Safeguarded

- Low risk
- Authentication and authorisation: registered user and agree to End User Agreement

Controlled

- Risk
- Requires project approval, user vetting and training
- Access via a safe haven and output checking

Access points at UK Data Service

One survey deposited and made available as multiple datasets under different access conditions

DATA ACCESS

- + [GN 33004 | NATIONAL CHILD DEVELOPMENT STUDY, 1958-](#)
- + [GN 33395 | NATIONAL CHILD DEVELOPMENT STUDY: SPECIAL LICENCE ACCESS](#)
- + [GN 33497 | NATIONAL CHILD DEVELOPMENT STUDY, 1999-: SECURE ACCESS](#)

Controlled Access: **detailed geographies of respondents' locations and variables deemed too sensitive** for standard release

Strategy for enabling safe access

Fives safes enables safe access to data that meet the needs of data protection. Yet fulfils the demands for open science and transparency

- **Safe data** - treat data to protect confidentiality
- **Safe people** - educate researchers to use data safely
- **Safe projects** - research projects for 'public good'
- **Safe settings** – Secure Lab system for sensitive data
- **Safe outputs** – Secure Lab projects outputs screened

[5 Safes Animation](#)



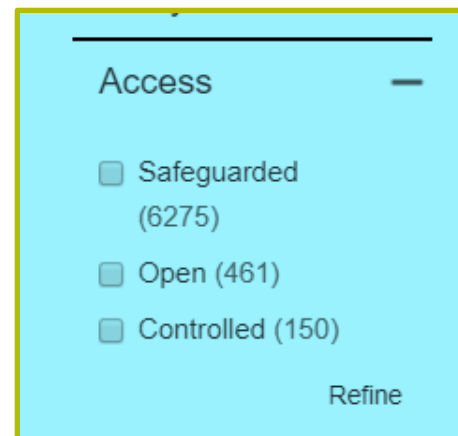
Controlled access in practice

- Controlled access requires:
 - Approved/Accredited Researcher application = **SAFE PROJECT**
 - User Agreement signed by researcher and their institution = **SAFE PEOPLE**
 - Face-to-face training session = **SAFE PEOPLE**
 - Secure access via: remote desktop or safe room = **SAFE SETTING**
 - Outputs checked = **SAFE OUTPUTS**



Safeguarded data – conditions of access

- Most common licence choice
- Register with us - UK Federation
- Agree to an End User Licence (EUL)
 - ✓ Appropriate data usage, e.g. not re-identify data
 - ✓ Full citation of data
 - ✓ Informing us of re-use outputs
- Click 'Download/Order' from catalogue
- Specify a project for which the data are to be used
- Download data in choice of formats



Licensing data

- What can users do
- Specify rights to keep and rights to waive for future use
- Think about IPR: you can only licence data you own
- Think about funder expectations re. openness of data
- Think about journal expectations



Choose a License

Answer the questions or use the search to find the license you want

↻ Start again



What do you want to deposit?

Software

Data

Search for a license...

Public Domain Mark (PD)

The work identified as being free of known restrictions under copyright law, including all related and neighboring rights.

Publicly Available 

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CC Zero enables scientists, educators, artists and other creators and owners of copyright- or database-protected content to waive those interests in their works and thereby place them as completely as possible in the public domain, so that others may freely build upon, enhance and reuse the works for any purposes without restriction under copyright or database law.

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UK Data Service



<http://ufal.github.io/public-license-selector/>

Rights, licensing and usage conditions

CC creative commons LICENSES

	Copy & Publish	Attribution Required	Commercial Use	Modify & Adapt	Change License
Public Domain	✓	✗	✓	✓	✓
BY Attribution	✓	✓	✓	✓	✓
BY-SA Attribution ShareAlike	✓	✓	✓	✓	✗
BY-ND Attribution NoDerivs	✓	✓	✓	✗	✓
BY-NC Attribution NonCommercial	✓	✓	✗	✓	✓
BY-NC-SA Attrib NonComm ShareAlike	✓	✓	✗	✓	✗
BY-NC-ND Attrib NonComm NoDerivs	✓	✓	✗	✗	✓

Service



In practice: data with access conditions

Health and Social Consequences of the Foot and Mouth Disease Epidemic in North Cumbria, 2001-2003 (study 5407 in UK Data Archive collection) by M. Mort, Lancaster University, Institute for Health Research.

- Interviews (audio + transcript) and written diaries with 54 people
- 40 interview and diary transcripts are archived and available for re-use by registered users
- 3 interviews and 5 diaries are embargoed until 2015
- audio files archived and only available by permission from researchers

discover.ukdataservice.ac.uk/catalogue/?sn=5407

doc.ukdataservice.ac.uk/doc/5407/mrdoc/pdf/q5407userguide.pdf



In practice: access conditions ReShare

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			



In practice: access conditions ReShare

— 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			



In practice: access conditions ReShare

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



In practice: access conditions ICRAF dataverse

World Agroforestry Centre - ICRAF Dataverse

RAVA - AMAZON LIVELIHOODS AND ENVIRONMENT NETWORK
hdl:1902.1/17457
Version: 8 - Released: Wed Jan 09 08:06:42 EST 2013

< View Previous Study Listing

Cataloging Information **DATA & ANALYSIS** Comments (0) Versions

Use the check boxes next to the file name to download multiple files. Data files will be downloaded in their default format. You can also download all the files in a category by checking the box next to the category name. You will be prompted to save a single archive file. Study files that have restricted access will not be downloaded.

Access to some files is restricted, and those files are not available for downloading. Check the [Terms of Use](#) for more information. Send a request if you would like to access the restricted files in this study.

Due to the large number of files associated with this study, only 25 files are loaded at a time.

Select all files Download Selected Files Show All Files Showing 25 of 67 Total Files Total Downloads: 14

Category	File Name	Format	Size	Downloads	Access	Description
0. Disclaimer						
<input type="checkbox"/>	Disclaimer.pdf	Adobe PDF	213 KB	1	Download	Disclaimer for data use.
Access Databases						
<input type="checkbox"/>	BRASIL_Transamazon_all_20Jan2012.rar	application/octet-stream	2 MB	2	Restricted (Request Access)	Brazil (Transamazon) Access Databases (January 20, 2012)
<input type="checkbox"/>	Peru_todos_28Jun2011.zip	Zip Archive	5 MB	0	Restricted (Request Access)	Peru Access Database June 28 2011
Codebook						
<input type="checkbox"/>	Codes PEN_RAVA 7-6 Aug 2010.docx	application/octet-stream	174 KB	2	Restricted (Request Access)	RAVA Codebook - English
<input type="checkbox"/>	Codigos PEN_RAVA Espanol 7.5 jun 2011.doc	MS Word	2 MB	0	Restricted (Request Access)	RAVA Codebook - Spanish
<input type="checkbox"/>	Codigos PEN_RAVA Portugues 7.4 april 2010.doc	MS Word	3 MB	0	Restricted (Request Access)	RAVA Codebook - Portuguese
Data Manipulation Tools						
<input type="checkbox"/>	Access Database Append Tool.docx	application/octet-stream	391 KB	0	Download	Append Database Guide
<input type="checkbox"/>	Access Database Append Tool.zip	application/octet-stream	2 MB	2	Download	Data Manipulation Tools
<input type="checkbox"/>	Access Export Database Tool.zip	application/octet-stream	5 MB	0	Download	Module to export Databases



Summary: sharing data safely

- Maximise opportunities for reuse
- Treat data to enable the widest possible access (de-identify)

Open where possible - closed where necessary

- Limit access to personal data; but where needed, set up methods for enabling appropriate access
- Check data for any rights issues prior to publication



What's new with GDPR

- Checking that our EUL and Use Terms & Conditions are clear and explicit and in plain language
- Example: <http://reshare.ukdataservice.ac.uk/legal/>

