

Unlocking Thesis Data: connecting doctoral theses with ORCID, DataCite and DOIs

Sara Gould

0000-0003-2763-9755

Rachael Kotarski

0000-0001-6843-7960

British Library

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Title:	Mid-century molecular : the material culture of X-ray crystallographic visualisation across postwar British science and industrial design
Author:	Candela, Emily
Awarding Body:	Royal College of Art in collaboration with the Science Museum
Current Institution:	Royal College of Art
Date of Award:	2015
Availability of Full Text:	<p>Access through EThOS:  This thesis available for immediate download. Please login/register to view download & delivery options.</p> <p>Access through Institution:  http://researchonline.rca.ac.uk/1773/</p>

Abstract:

This thesis investigates the use and significance of X-ray crystallographic visualisations of molecular structures in postwar British material culture across scientific practice and industrial design. It is based on research into artefacts from three areas: X-ray crystallographers' postwar practices of visualising molecular structures using models and diagrams; the Festival Pattern Group scheme for the 1951 Festival of Britain, in which crystallographic visualisations formed the aesthetic basis of patterns for domestic objects; and postwar furnishings with a 'ball-and-rod' form and construction reminiscent of those of molecular models. A key component of the project is methodological. The research brings together subjects, themes and questions traditionally covered separately by two disciplines, the history of design and history of science. This focus necessitated developing an interdisciplinary set of methods which results in the reassessment of disciplinary borders and productive

DataCite



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We want to help make data more accessible and more useful; our purpose is to develop and support methods to locate, identify and cite data and other research objects. Specifically, we develop and support the standards behind persistent identifiers for data, and our members assign them.

We bring together actors from the research community to address the challenges of making research objects visible and accessible. Together we constitute a global network of dataset researchers. [Members of DataCite](#) meet in person every six months at summer and winter conferences, and collaborate in established [working groups](#).

Through collaboration, we:

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- support [data centres](#) by providing persistent identifiers for datasets, workflows and standards for data publication;
- support [journal publishers](#) by enabling research articles to be linked to the underlying data/objects.

Currently we are working primarily with organisations that host data, such as data centres and libraries.

Assigning persistent identifiers to datasets

By working with data centres to assign persistent identifiers to datasets and other research objects, we are developing an infrastructure that supports simple and effective methods of data citation, discovery, and access. Citable data become legitimate contributions to scholarly communication, paving the way for new metrics and publication models that recognise and reward data sharing.

Metadata search

DOI Resolver

Meta
search

Se

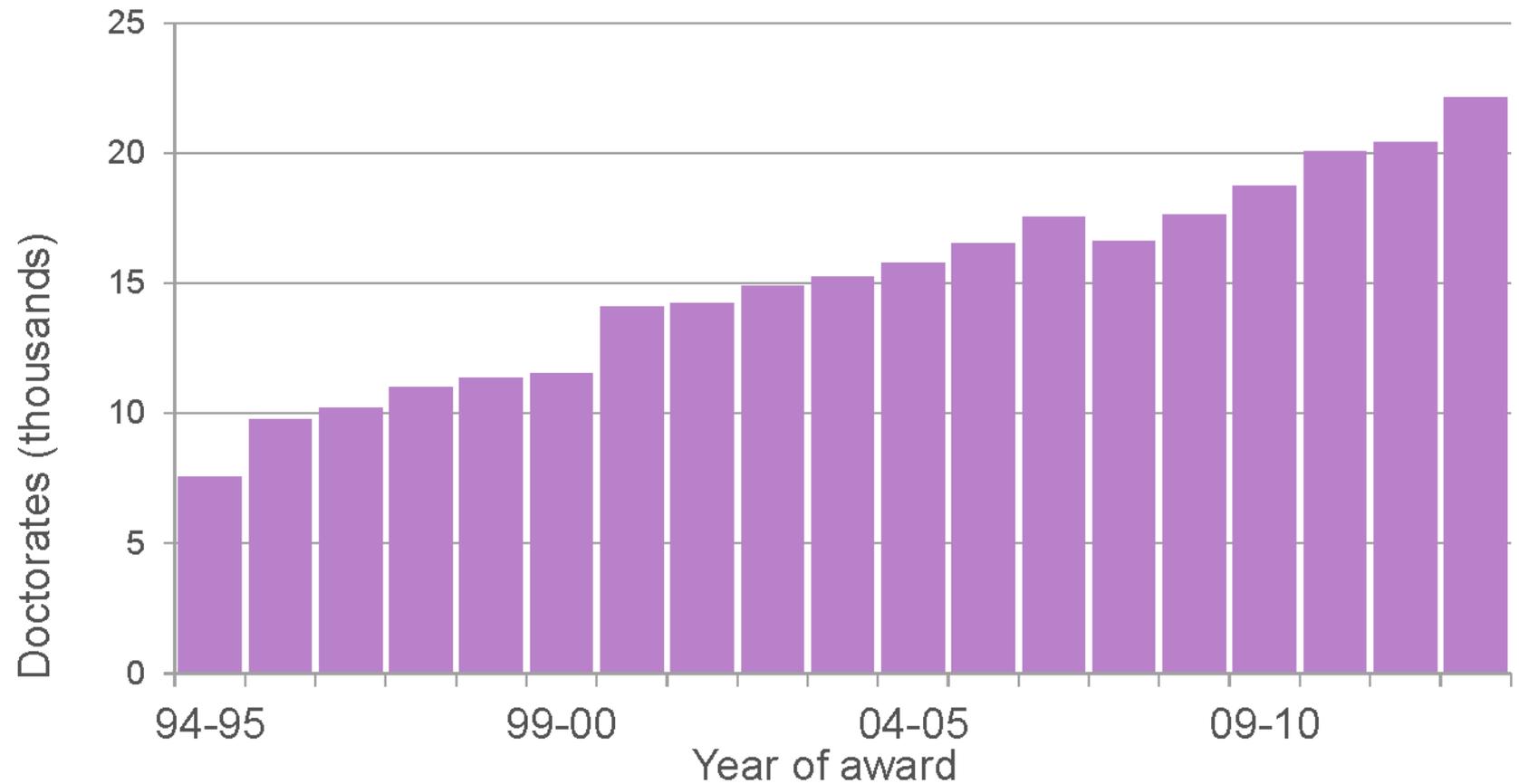
Events

Keep an eye out for the upcoming future events

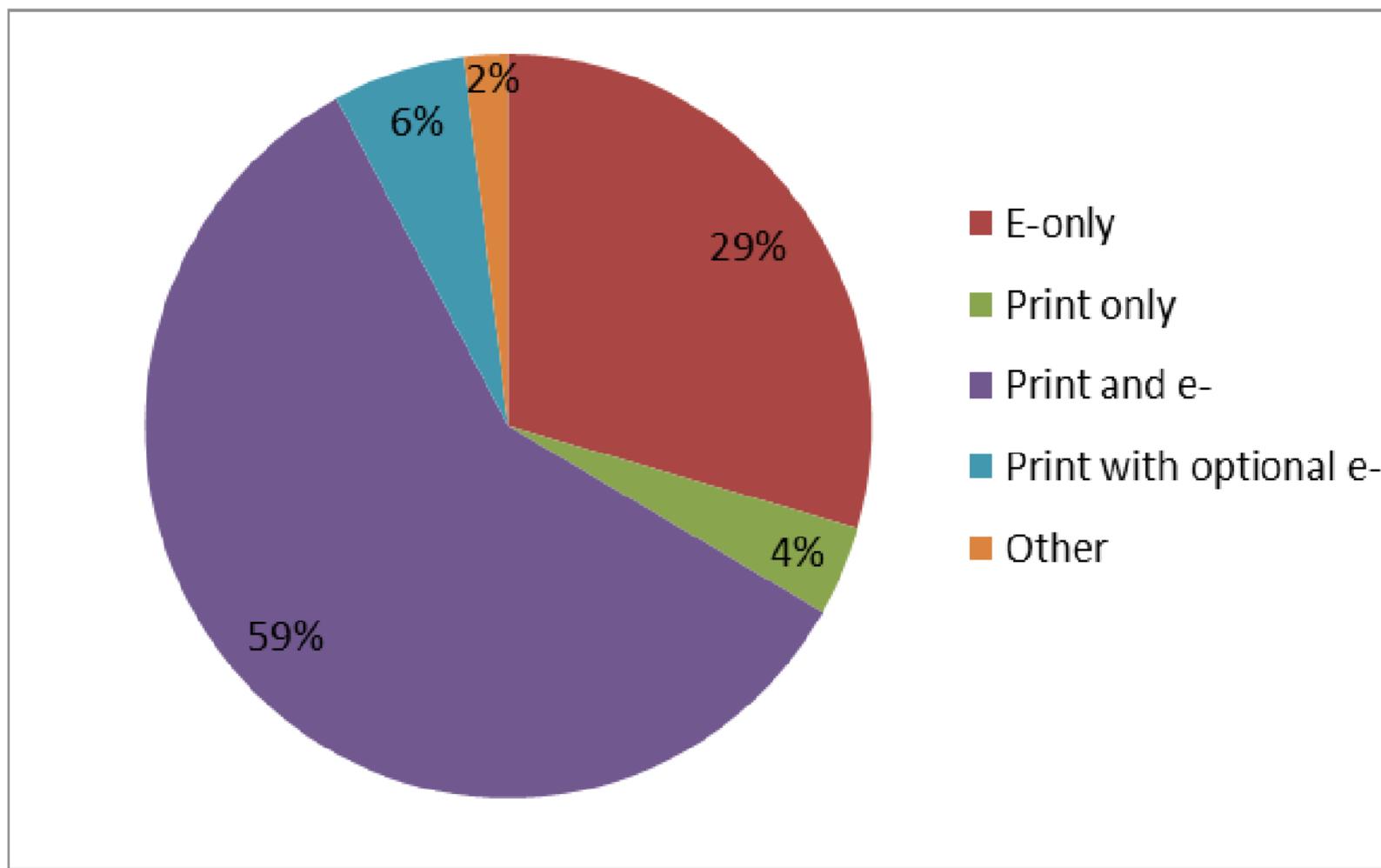
News

[Migration of DataCite Mailing Lists](#)

UK PhD theses



Institutions' deposit requirements



Why do THESES need identifiers?

- Accurate & easy citation
- Linking – appendices, multiple volumes, underlying data, related articles
- Impact and metrics, e.g. altmetrics, IRUS-UK
- Persistent access – reduces link rot
- No other system (ISBN ...)

Why do RESEARCH STUDENTS need a personal identifier?

- Visibility for their work and themselves
- Citation
- Disambiguation
- Easy data management
- Funders and publishers increasingly require one

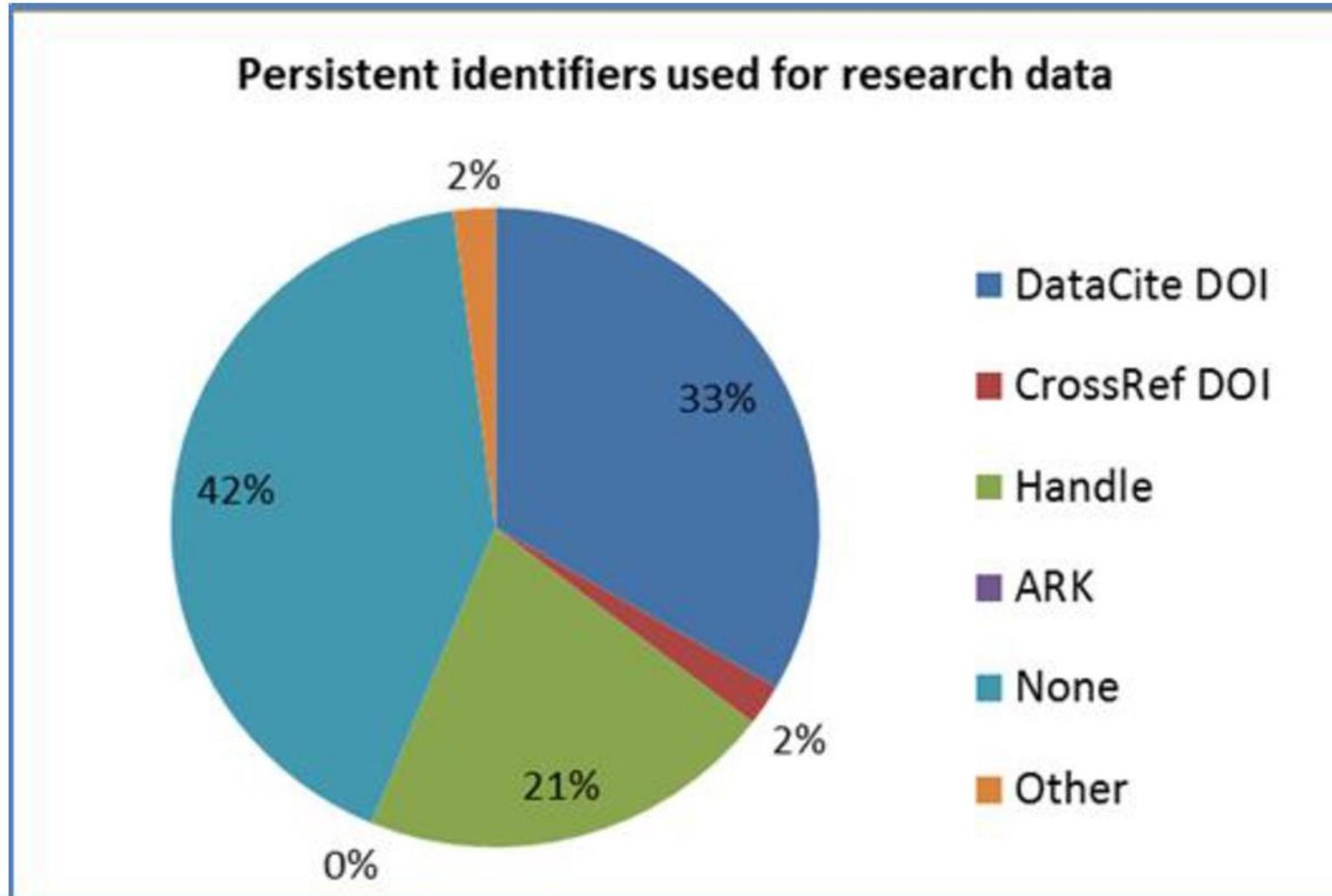
Unlocking Thesis Data



Unlocking Thesis Data - aims

- Assess activity with thesis identifiers in the UK
- Understand if theses are different to data
- Add identifiers to EThOS
- Look at ORCID identifiers for PhD students
- Provide a national oversight
- Guide progress for institutions

What identifiers do you use for your research *data*?





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Metadata search

DOI Resolver

Meta
search

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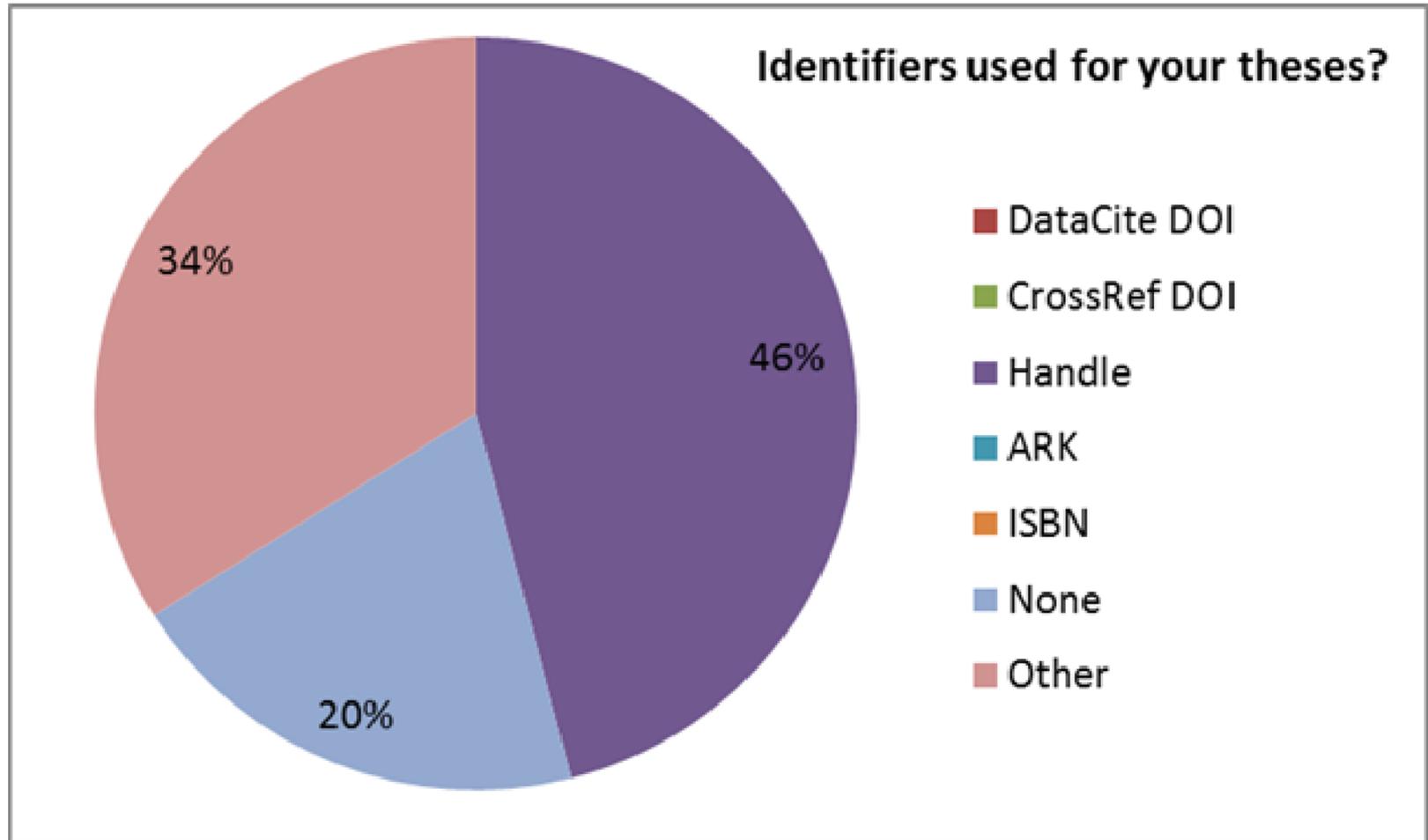
Events

Keep an eye out for the upcoming future events

News

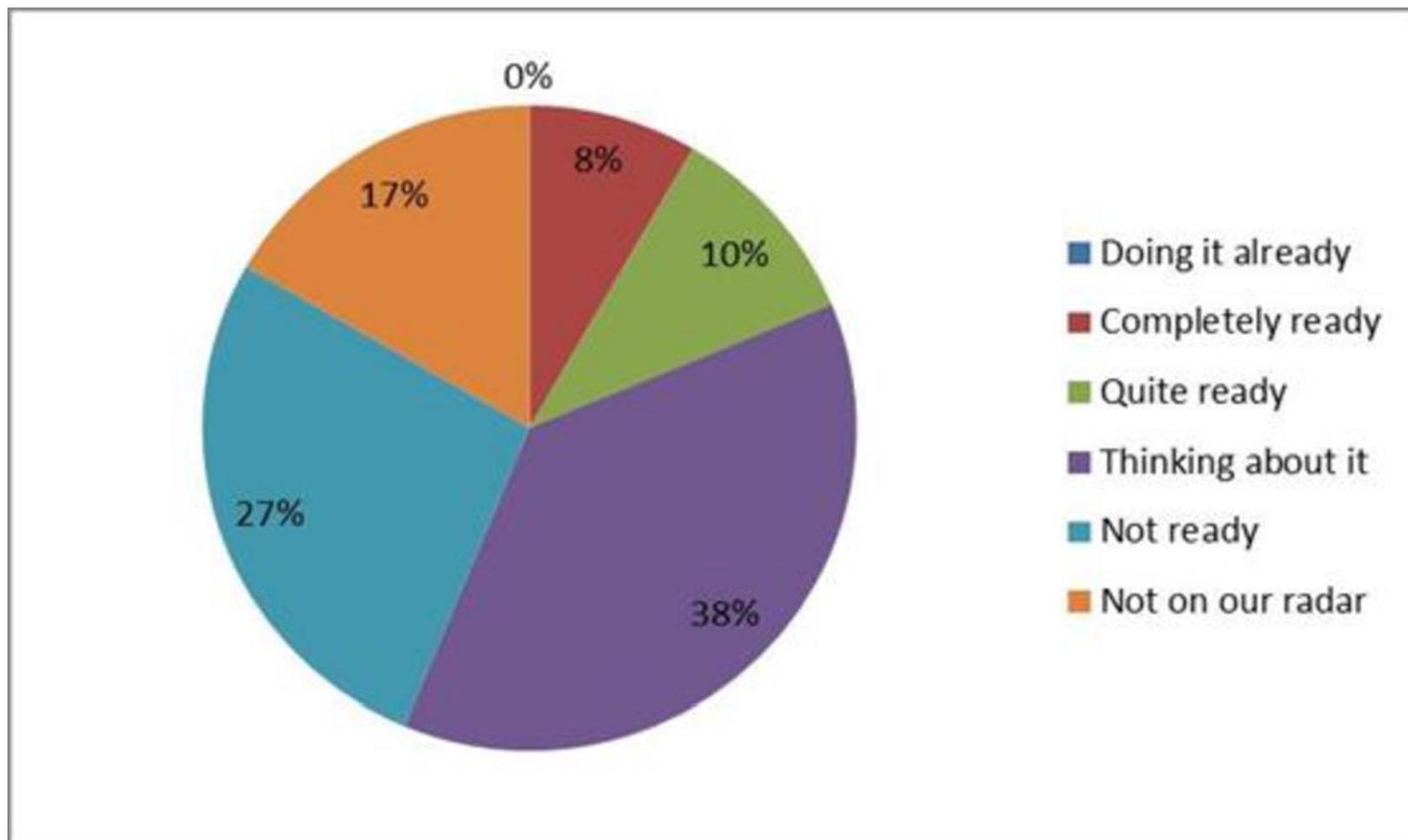
Migration of DataCite Mailing Lists

What identifiers do you use for your *theses*?



UTD Survey –

How ready are you to assign DOIs for theses?



Some questions

Isn't
DataCite
only for
data?

WHO WOULD
MINT THE
DOIS?

What's the
role of the
British
Library and
ETHOS

Where would
the 'version of
record' be
held? - where
does the DOI
resolve to?

What are the
workflows?



Memory, Place and Subjectivity: Experiments in Independent Documentary Filmmaking

- Logged in as Stephen Grace
- Manage deposits
- Manage records
- Profile
- Saved searches
- Review
- Admin
- Reports
- Items 2
- Logout
- Dashboards

Daniels, Jill (2014) *Memory, Place and Subjectivity: Experiments in Independent Documentary Filmmaking*. PhD thesis, University of East London. [Copy](#)

EndNote






0

Permanent Identifier

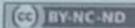
Use this Digital Object Identifier when citing or linking to this resource in ROAR.

10.15123/PUB.3929 [Copy](#)

Downloads

Gillian Daniels PhD Thesis November 2014

Version: Published Version

Licence: 

Film: not reconciled

Film: The Border Crossing

Abstract

The research in this doctoral thesis focuses on the mediation of place, memory and identity in experimental western documentary films and contains film theory and film practice components. It is comprised of the production of two experimental documentary films – Not Reconciled (41 minutes) (2009) and The Border Crossing (47 minutes) (2011) – and a 50,000 word written exegesis that analyses those films and films made by others. The key analytic approaches I deploy are located within the framework of film studies, trauma and memory studies and theories of space, landscape and spectatorship. My aim is to advance a critical understanding of the opportunities and limitations in the cinematic...

[Read More](#)

Links

The Border Crossing



ETHOS record with DOI

Use this URL to cite or link to this record in ETHOS: <http://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.650368>



Title:	Towards a new solution of minority shareholder protection in Libya : letting the minority shareholders have a voice	
Author:	Abdou, Majdi A.	ISBN: 0000 0004 4682 246X
Awarding Body:	University of Glasgow	
Current Institution:	University of Glasgow	
Date of Award:	2015	
Availability of Full Text:	Access through ETHOS:	 Thesis available for immediate download. Please login/register to view download & delivery options.
	Access through Institution:	 http://theses.gla.ac.uk/6423/
Abstract:		
<p>The study develops a framework for improving corporate governance mechanisms in Libya that takes into account its specific environment of weak formal enforcement and its corporate ownership structure, which is based on concentrated state ownership. The central goal of the research is to establish an adequate protection system for minority shareholders that can contribute to the development of an efficient and healthy commercial environment in Libya. To do so, the study examines the current solution for dealing with the conflict of interests between shareholders adopted by Libyan law under art 159 of Libyan Economic Activity Act (LEAA 2010): the minority shareholders' actions. Using a social and economic analysis and a black letter approach, this study presents a novel analytical framework that formulates an appropriate solution for controlling conflict of interests between shareholders in Libya. To that end, the study addresses the following questions: how effective is the current mechanism for dealing with the conflict of interest between shareholders in Libya? What are the economic and social implications of the different proposed approaches? What elements determine which approach is preferable in Libya? And, finally, what are the challenges that the proposed law reform may face? To answer these questions, firstly, it is necessary to consider the general framework of corporate governance in Libya, examine the country's current position as an economy in the early stages of transformation and analyse the potential impact of this transformation on corporate governance. Following this, I locate the dimensions of the conflict of interest problem between the minority and majority shareholders in Libya through analysing literature of corporate governance with regard to the minority-majority shareholder problem and applying it to the case of Libya. After that, I examine the efficacy of the current mechanism available in Libyan law (minority shareholders actions) as a solution for dealing with the conflict of interests between the minority shareholders and the majority shareholders in Libyan companies. However, the current approach is not appropriate for Libya for several reasons that relate to either the efficiency of the approach itself or its application and enforcement in Libya. After examining other possible solutions (e.g. a prohibition strategy), I propose the self-enforcing model as the most appropriate solution since it contributes to companies being able raise capital from investors, and it also lowers the number of conflict of interest transactions and makes a company's transactions more efficient. Finally, the self-enforcing model does away with the need for external monitoring. However, this is not the end of the story; adopting such a model will inevitably lead to some potential risks (such as the risk that the minority shareholders may abuse their rights), which will require the formulation and adoption of new and specific strategies of corporate governance.</p>		
Supervisor:	Not available	Spons
Qualification Name:	Thesis (Ph.D.)	Qualif
ETHOS ID:	uk.bl.ethos.650368	DOI:
Keywords:	K Law (General)	

10.5525/gla.thesis.6423

What needs to be done

1. Support from library management
2. Engagement from Graduate Schools & academic committees
3. Workflow planning
4. Repository updates at the university
5. System enhancements

UTD outcomes - DOIs

- You *can* use DataCite for theses
- Example DOIs
- Many signs of progress
- Repository system suppliers need to accommodate identifiers in their thesis modules
- EThOS needs to update the plug-in

Nearly 200 UK thesis DOIs

Metadata Search

DataCite

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beta

resourceType:thesis

Search

Filter

datacentre

BL.LSHTM (170)
 BL.CAM (19)
 BL.GLASGOW (3)
 BL.IMPERIAL (2)
 BL.SOTON (2)
 BL.LEEDS (1)
 BL.UEL (1)

prefix

resourceType

publicationYear

publisher

language

Active filters (✕ clear all): ✕ allocator BL - The British Library

198 documents found in 100ms

Page 1 of 20 ◀ ◁ ▷ ▶

[Memory, Place and Subjectivity: Experiments in Independent Documentary Filmmaking](#) # 1

📄 doi:10.15123/PUB.3929 Text : Thesis

Daniels, Jill

resourceType: **Thesis**

['Visiting rights only' : the early experience of nursing in higher education, 1918-1960](#) # 2

📄 doi:10.17037/PUBS.00682326 Text : Thesis

Brooks, Jane

resourceType: **Thesis**

[Alcohol treatment policy 1950-1990 : from alcohol treatment to alcohol problems management.](#) # 3

📄 doi:10.17037/PUBS.00682245 Text : Thesis

Thom, Elizabeth Whyte

resourceType: **Thesis**

[Determinants and consequences of obesity in adult Kuwaiti females.](#) # 4

📄 doi:10.17037/PUBS.01035348 Text : Thesis

Al-Hamad, Nawal Mejren

resourceType: **Thesis**

[Pattern-mixture sensitivity analysis in longitudinal trials with drop-out](#) # 5

📄 doi:10.17037/PUBS.02026586 Text : Thesis

Vamvakas, George

resourceType: **Thesis**

[Geometry and light in the architecture of Guarino Guarini](#) # 6

📄 doi:10.17037/PUBS.02026586 Text : Thesis

Identify yourselves!

HELLO
my name is

0000-0001-6843-7960

Why are author IDs needed?

- PhD students are new researchers – catch them early
- Gives students identity as a researcher– while they're still students
- Makes their PhD more visible
- Connects their thesis to their other research outputs
- Identifiers for PhD supervisors?

Identifiers for PhD authors - ORCID

The screenshot shows a web browser window displaying the ORCID profile for Sara Gould. The browser's address bar shows the URL `orcid.org/0000-0003-2763-9755`. The page features a navigation menu with options for 'FOR RESEARCHERS', 'FOR ORGANIZATIONS', 'ABOUT', 'HELP', and 'SIGN IN'. Below the navigation, the ORCID logo and tagline 'Connecting Research and Researchers' are visible. The profile section for Sara Gould includes her name, ORCID ID, and a list of employment and works. The 'Employment (1)' section lists her role as 'ETHOS Manager (Services for Researchers)' at 'The British Library: London, Boston Spa, United Kingdom', with a creation date of 2014-02-05. The 'Works (5)' section lists two publications: 'Unlocking Thesis Data: Phase I survey of UK Higher Education Institutions' (2015-06-22, report, DOI: 10.15123/PUB.4274) and 'Unlocking Thesis Data Phase I baseline survey data' (2015, other, DOI: 10.15123/DATA.12). Both works are marked as 'Preferred source'.

Search English

ORCID
Connecting Research and Researchers

FOR RESEARCHERS FOR ORGANIZATIONS ABOUT HELP SIGN IN

SIGN IN REGISTER FOR AN ORCID ID LEARN MORE

1,707,300 ORCID IDs and counting. [See more...](#)

Sara Gould

ORCID ID
orcid.org/0000-0003-2763-9755

Keywords
theses, dissertations, PhDs,
research, libraries, open access

Employment (1) Sort

The British Library: London, Boston Spa, United Kingdom
ETHOS Manager (Services for Researchers)
Source: Sara Gould Created: 2014-02-05

Works (5) Sort

Unlocking Thesis Data: Phase I survey of UK Higher Education Institutions 📄
2015-06-22 | report
DOI: [10.15123/PUB.4274](https://doi.org/10.15123/PUB.4274)
Source: Sara Gould ☑ Preferred source

Unlocking Thesis Data Phase I baseline survey data 📄
2015 | other
DOI: [10.15123/DATA.12](https://doi.org/10.15123/DATA.12)
Source: DataCite Metadata Search ☑ Preferred source

Institutions focusing on academics

Imperial College
London



New Business School Head of Health talks sugar tax and the future of healthcare



Star role for 'Wars2' gene in heart disease risk

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Scholarly Communication

[Open access](#) [Research data management](#) [ORCID](#) [Symplectic](#)

ORCID

Create an ORCID iD and add it to Symplectic

Create an ORCID iD at ORCID.org

ORCID frequently asked questions

The ORCID Project

ORCID help

Frequently asked questions

orcid@imperial.ac.uk

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The ORCID Project

The ORCID Project at Imperial College London

In 2014 Imperial became a member of ORCID and a cross-College project board was formed to facilitate the creation of an ORCID iD for all academic staff.

The project was part of a pilot run by [Iisc](#), [ARMA](#) and [ORCID](#), and participation by the College was approved by the Provost E and discussed at the Open Access Publishing group by representatives from all faculties.

On 3 December 2014, Imperial created an ORCID iD for 3,226 academic staff. This number excluded staff who had already registered for an iD and those who opted out. All staff included in this bulk creation received an email from Library Service: instructing them on how to claim their ORCID iD and how to link it to their Symplectic profile. To create the new ORCID prof

Digital resources

Network & technology

Advice

R&D

Search Jisc

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Service

UK ORCID consortium membership

Offering reduced [ORCID](#) membership costs and UK-based technical and community support.

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For membership enquiries

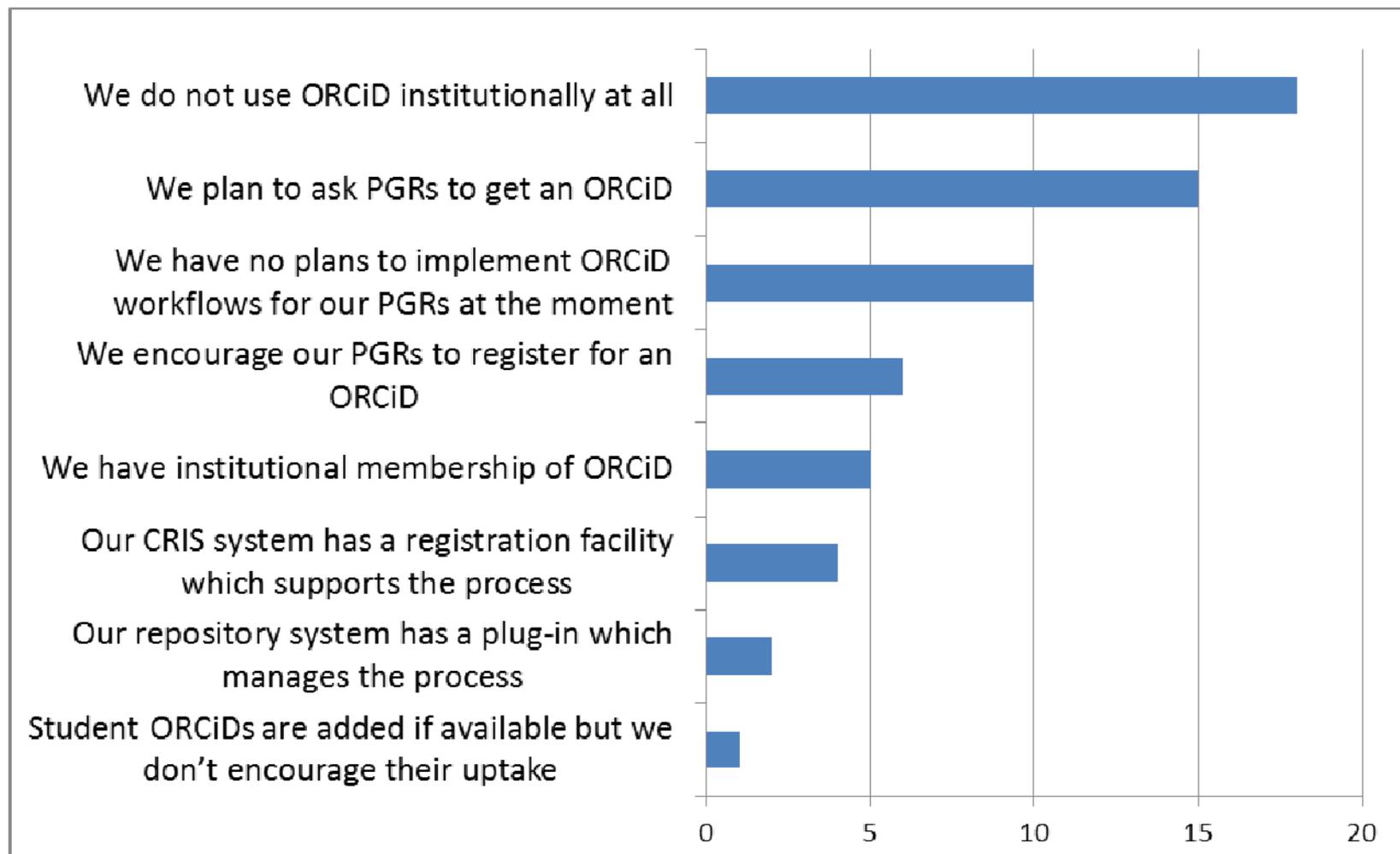
help.digitalresources@jisc.ac.uk

About ORCID

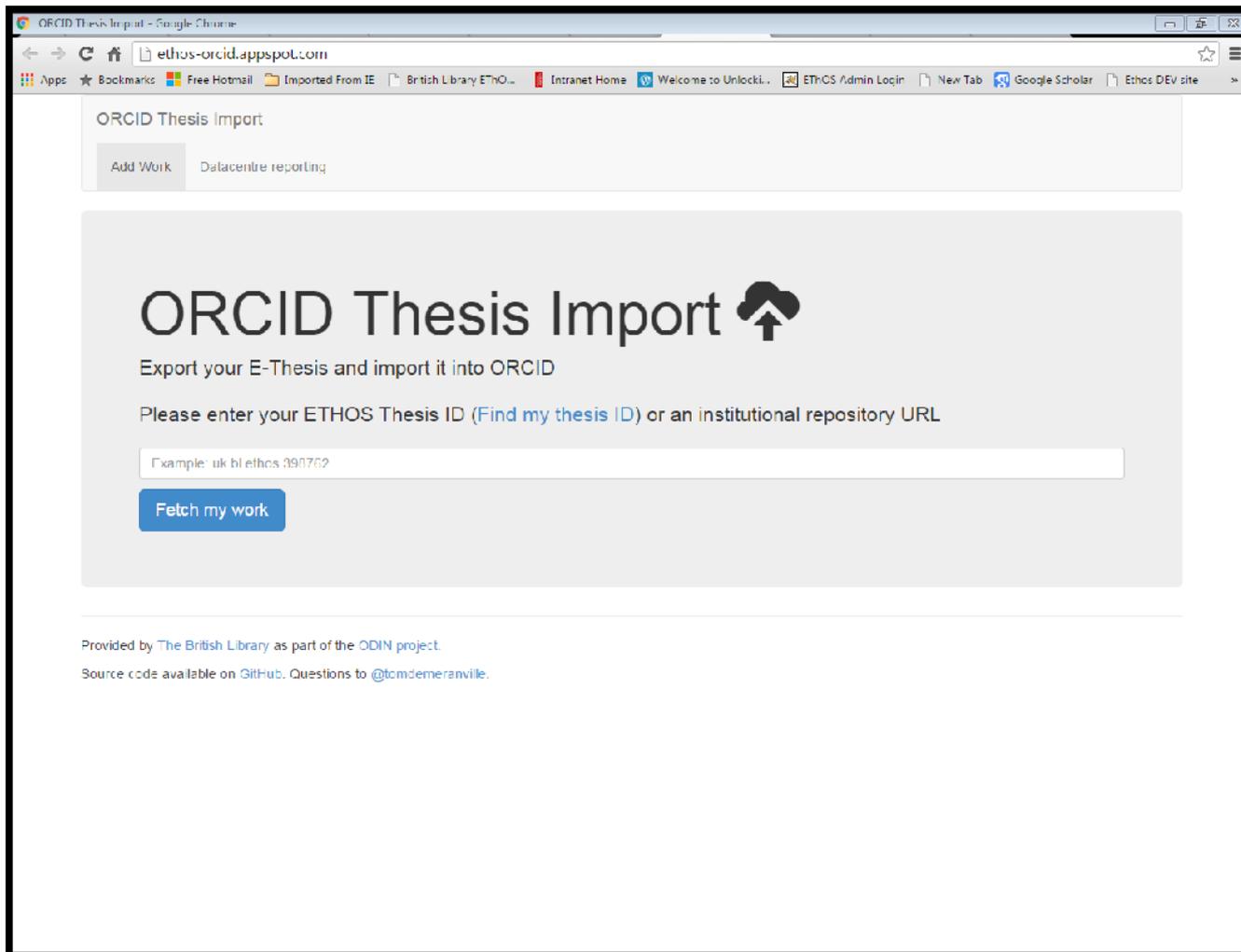
ORCID is an open, non-profit, community-based initiative to provide researcher identifier solutions that enable a wide range of improvements to the scholarly communications ecosystem.

ORCID is being offered to UK universities through a national consortium arrangement. Benefits include reduced

ORCiDs for students – April 2015



ORCID-Thesis importer



The screenshot shows a web browser window with the address bar displaying `ethos-orcid.appspot.com`. The page title is "ORCID Thesis Import". Below the title, there are two tabs: "Add Work" and "Datacentre reporting". The main content area features the heading "ORCID Thesis Import" with a cloud and upload icon. Below this, it says "Export your E-Thesis and import it into ORCID". A prompt asks the user to "Please enter your ETHOS Thesis ID (Find my thesis ID) or an institutional repository URL". A text input field contains the example text "Example: uk.bl.ethos.390762". Below the input field is a blue button labeled "Fetch my work". At the bottom of the page, there is a footer that reads "Provided by The British Library as part of the ODIN project." and "Source code available on GitHub. Questions to @bcmdebranville."

EThOS record with ORCID ID



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Title:	Seeing triple : archaeology, field drawing and the Semantic Web	
Author:	Wright, Holly	
Awarding Body:	University of York	ORCID: 0000-0002-3403-4159
Current Institution:	University of York	
Date of Award:	2011	
Availability of Full Text:	Access through EThOS:	Thesis available for immediate download. Please login/register to view download & delivery options.
	Access through Institution:	http://etheses.whiterose.ac.uk/2194/

Abstract:

This thesis explores the Semantic Web with relation to archaeology, and whether it is yet possible for non-specialist archaeologists to create, use and share their data using Semantic Web technologies and principles. It also considers whether spatial data derived from field drawings can be incorporated alongside textual data, to ensure a more complete archaeological record is represented on the Semantic Web. To determine if these two related questions can be answered, a practical application was undertaken, followed by a discussion of the results, and recommendations for future work. Two archaeological datasets were chosen for the practical application. The first was an Anglian and Anglo-Saxon site in the Yorkshire Wolds located near Bursall House Farm, Catterick, excavated by the Department of Archaeology at the

Next step?



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THE UNIVERSITY *of* York

Title:	Seeing triple : archaeology, field drawing and the Semantic Web
Author:	Wright, Holly
Awarding Body:	University of York
Current Institution:	University of York
Date of Award:	2011

Is this your thesis?
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ORCID profile

Availability of Full Text:

- Access through EThOS: Thesis available for immediate download. Please login/register to view download & delivery options.
- Access through Institution: <http://etheses.whiterose.ac.uk/2194/>

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Technical and Human infrastructure for Open Research

LIBRARY
HSLIBRB

Identifier Functionality for EThOS at the British Library

Richard Kotani, richie.kotani@bl.uk - Sara Gould, saragould@bl.uk
@project_thor_uk

What's EThOS?

EThOS is the UK's thesis service, offering search and discovery of all UK theses, and direct access to all those that are digitally, openly available.

<http://ethos.bl.uk>

EThOS

Solutions

EThOS records ~45000

Likely to have a DOI ~400

EThOS records with DOI and ORCID ID ~10

Manual claiming of EThOS records:

- is required, as DataCite currently contains so few UK theses that Search & Link (<http://search.datacite.org>) is not useful here.
- but has low uptake: only 98 EThOS records have been manually claimed.
- will not significantly increase unless made easier.

To increase the number of claims, EThOS proposes to add a claim button.

- Users will find their theses on EThOS. While viewing it, they see and click 'ADD TO ORCID'.
- It prompts them to authenticate with ORCID, authorising the thesis to be added to their record.

What's THOR?

THOR will establish seamless integration between articles, data, and researchers, built on persistent identifiers (PIDs). As part of this, we will improve the connections between theses and their authors with the use of:

- ORCID ID: <http://orcid.org>
- DataCite DOIs: <http://datacite.org>

<http://thor-project.eu>

Aims

Strengthen support and functionality of PIDs for theses to enable:

- good data management practice at career inception
- assessment of how theses are cited
- tracking of career paths and impact of PhD funding
- global tracking through international adoption

Identify theses with DOIs:

- making them more easily accessible and citable
- and reduce lag behind use of DOIs for other outputs

Identify thesis authors with ORCID IDs:

- enabling reliable author identification and attribution
- early in the research career so that author, supervisor and university benefit from greater visibility

Challenges

Legacy theses:
There are 435,000 records in EThOS already completed without an author ORCID ID. How can we apply PIDs, however old the thesis?

Future theses:
How can we take advantage of thesis PIDs going forward?

Implement the ideal workflow:

Linking future thesis authors and their works.

This is published. Institution includes DOI and ORCID ID in metadata

EThOS harvests metadata including IDs

Auto-update pushes the thesis into author's ORCID record

EThOS record shows DOI for citation and ORCID ID linked to author profile

Work with the community:

To maximise the value of the work, we cannot do it in isolation. We want to work with UK institutions to ensure that:

- thesis are given globally unique PIDs
- PhD candidates are aware of ORCID and have IDs
- thesis and author PIDs are included in metadata sent to DataCite when DOIs are assigned
- thesis PIDs are available to and provided by aggregators such as EThOS

We want these aggregators to:

- hold and display thesis and author PIDs
- enable the ORCID claim button on more platforms

THOR is funded by the European Commission under call H2020-101019-2, project number 854009

Images from twinkl.com and flickr.com

So what now?

1. Get yourself an ORCID identifier
2. Encourage your students to get one
3. Discuss identifiers with your Research Office and academics
4. Talk to DataCite about DOIs

Thank you

Sara.Gould@bl.uk

Rachael.Kotarski@bl.uk

<http://ethos.bl.uk>