

OpenDOAR

The Directory of Open Access Repositories



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LUND
UNIVERSITY

Repository development

- △ Enthusiasm and establishment from many levels
 - Subject based
 - Institutionally based
 - Departmentally based
 - Funding agency based
 - National archives
- △ Content types are expanding
 - multiple-type holdings based on institution
- △ Based on data-sets or collections
 - multiple-type holdings based on topic
- △ Various software solutions

Developments & schisms

△ Open Access

- but not OAI-PMH
- but not scholarly material
- is scholarly, but innovative content

△ Repositories gaining connections - & loosing clarity?

- Modified to accept publishers' embargoes
- Relating or merging with research assessment needs

△ Spin and confusions - “open” “access”

- but not immediate access
- but not full-text
- but hedged with restrictive rights-limitations
- but not free - subscription or fee required

Repositories

△ What is out there?

Institutional Repository use

- △ Two sets of end-users - two modes of use
- △ Meta-users
 - Browse and analyse statistics and aggregates
 - Browse and analyse countries, institutions and funding
 - Analyse and utilise metadata and repository descriptions
- △ Researchers
 - Target individual eprints
 - View repositories through search service
 - Over-view of repositories themselves is less relevant

Meta-users background

- △ Repository administrators need ways of ensuring maximum exposure and use of their holdings
- △ Funders would like ways to check their research is suitably housed and see how it is used
- △ Institutional managers need overviews of colleague and competitor situations
- △ Service providers need a way of contacting and liaising with repository administrators as a body
- △ OA advocates need repository overviews and stat.s
- △ All stakeholders need clarity on the overall scale, scope and development of the repository network

OpenDOAR - vision

△ A Directory

- with entries sorted by content, location, constituency, etc

△ A Registry

- with registration services, FAQs and listed descriptions based on technical and metadata aspects

△ A Bridge

- between repository administrators and service providers

△ A Resource

- of materials and links of use to repository administrators

△ A Focus

- for discussion and contact between repository administrators

Funded by . . .



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Building from colleagues . . .

- △ *Lists and services include -*
- △ OAI Registry of registered data providers
- △ Southampton's registry of OA archives
- △ Oaister's institution records
- △ JISC Information Environment Service Registry
- △ eg SPARC's Select List of Institutional Repositories
 - *selected by institution and content*
- △ eg DSpace or BePress lists
 - *selected by software type*
- △ eg DARE repositories
 - *selected by country*

DOAJ - Directory of Open Access Journals

- △ DOAJ covers free, full text, quality controlled scientific and scholarly journals in all subjects and languages
- △ There are now 1842 journals in the directory
- △ Currently 455 journals are searchable at article level
- △ Currently 79,574 articles are included in DOAJ

- △ www.doaj.org

SHERPA/RoMEO

- △ Continuing project & under development . . .
- △ www.sherpa.ac.uk/romeo.php

Statistics for the 124 publishers on this list

ROMEo colour	Archiving policy	Publishers	%
green	can archive pre-print and post-print	65	52
blue	can archive post-print (ie final draft post-refereeing)	25	20
yellow	can archive pre-print (ie pre-refereeing)	3	2
white	archiving not formally supported	31	25

Summary: **75%** of publishers on this list formally **allow** some form of self-archiving.

Other projects and relations

- △ Service providers
 - Thomson ISI, Google, ePrintsUK
- △ National bodies
 - JISC, SURF, University groups, Funding agencies
- △ Repository projects
 - eprints, eTheses, multimedia, data-sets, learning objects
- △ Collective repository initiatives
 - DARE, ARROW, JISC Digital Repositories Programme
- △ Repository software suppliers
 - eprints.org, BePress
- △ . . . and obviously repositories themselves . . .

OpenDOAR development

- △ Survey existing repositories
- △ Look at each repository personally
- △ Test against metadata description
- △ Check adequate description can be provided
- △ Contact repository administrator with information
- △ Produce useful classification structure
- △ Build full directory and registry service
- △ Create update and maintenance procedures

Test metadata for survey - 1

△ Organisation name	Required	
△ Repository name	Required	
△ Home & OAI URLs	Required	
△ OAI compliance validation	Required	
△ Contact email	Required	
△ Postal address		Optional
△ Description	Required	
△ Presence of user licence		Optional
△ Re-use policy	Required	
△ Content type	Required	
△ Size		Optional

Test metadata for survey - 2

△ Collection Policy		Optional
△ Software used		Optional
△ Subject-Institution-Funding Body basis	Required	
△ Preservation Policy		Optional
△ Embargo Policy	Required	
△ Envisaged constituency it serves		Optional
△ Constituency that can deposit		Optional
△ Year established		Optional
△ Date of last deposit		Optional
△ Rate of deposition		Derived
△ Subjects covered	Required	

Subject based content

- △ Agriculture & Food Sciences
- △ Arts & Architecture
- △ Biology & Life Sciences
- △ Business & Economics
- △ Chemistry
- △ Earth & Environmental Sciences
- △ General Works
- △ Health Sciences
- △ History & Archaeology
- △ Languages & Literatures
- △ Law & Political Science
- △ Mathematics & Statistics
- △ Philosophy & Religion
- △ Physics & Astronomy
- △ Science General
- △ Social Sciences
- △ Technology & Engineering

Test Repositories

- △ **The Arts & Humanities Data Service**
- △ **Behavioural & Brain Sciences Journal**
- △ **British Library**
- △ **CCLRC - (Council for the Central Laboratory of the Research Councils)**
- △ **Dalarna University Electronic Archive**
- △ **University of Edinburgh**
- △ **University of Glasgow**
- △ **Göteborg University**
- △ **Imperial College**
- △ **Lund University Dissertations**
- △ **Lund University Institutional Archive**
- △ **UK National Digital Archive of Datasets**
- △ **University of Newcastle**
- △ **University of Nottingham**
- △ **School of Oriental & African Studies**
- △ **University of Southampton**
- △ **University College London**
- △ **Uppsala University Publications**
- △ **White Rose Partnership**
- △ **WWW Conferences Archive**

Related work . . .

SHERPA -

- △ Securing a Hybrid Environment for Research Preservation and Access
- △ Partner institutions
 - Birkbeck College, Birmingham, Bristol, Cambridge, Durham, Edinburgh, Glasgow, Imperial College, Kings College, Leeds, LSE, Newcastle, Nottingham, Oxford, Royal Holloway, School of Oriental and African Studies, Sheffield, University College London, York; the British Library and AHDS
- △ www.sherpa.ac.uk

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SHERPA - practical outcomes

- △ Establishing an archive
- △ Populating an archive
- △ Copyright
- △ Advocacy & changing working habits
- △ Mounting material
- △ Maintenance
- △ Preservation
- △ Concerns

SHERPA DP

- △ 2 year project to December 2006
- △ Use OAIS model to develop a persistent preservation environment for SHERPA
- △ Explore use of METS as metadata framework
- △ Protocols for a working preservation service
- △ Extend the storage layer of repository software with open Source extensions
- △ “Digital Preservation User Guide”

SHERPA Plus

- △ 2 year project to July 2007 for national UK support
- △ Advocacy strategies and material for the further population of existing repositories
- △ Resources, information and advice for all institutions wanting to establish repositories
- △ Support for repository-level, institutional and national policy development
- △ Review and analysis of extending repository holdings with datasets, multimedia, grey literature, learning objects and other content types

UKCORR- *UK Council Of Research Repositories*

- △ Arts and Humanities Data Service
- △ University of Bath
- △ Birkbeck College
- △ University of Birmingham
- △ University of Bristol
- △ British Library
- △ University of Cambridge
- △ De Montfort University
- △ University of Durham
- △ University of Edinburgh
- △ University of Glasgow
- △ Imperial College
- △ Kings College
- △ University of Leeds
- △ University of Liverpool
- △ London School of Economics
- △ University of Newcastle
- △ University of Nottingham
- △ Open University
- △ University of Portsmouth
- △ Royal Holloway
- △ School of Oriental and African Studies
- △ University of Sheffield
- △ University of Southampton
- △ University of Stirling
- △ University of Strathclyde
- △ University College, London
- △ University of York

We would encourage . . .

- △ Countries to set up their own national repository administrators user groups
- △ Groups to contact us so we can create a listing for them
- △ Repository administrators to contact us with details of their repositories and where possible to fill in the self-registration/update form when the list goes live
- △ Service providers to contact us with information about their services for repositories - search, software etc
- △ Any other stakeholder to contact us with their own needs for repository overviews or coordinated development within OpenDOAR



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<http://www.opendoar.org>

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