



CORE Dashboard: A tool for the management of open access content in repositories



CORE and the OA landscape



CORE's mission is

to index all open access research worldwide and deliver unrestricted access for all.

We are here to support and advance the Open Access / Open Research movement

WE ARE

the world's **most used** collection of open access research papers from repositories

WE ARE

a **not-for-profit** scholarly infrastructure dedicated to the open access mission, **adopters of POSI** principles.

WE

provide solutions for content management, discovery and scalable machine access to research.

WE

serve the global network of repositories and journals by increasing discoverability and reuse of open access content.

CORE in numbers

CORE indexes the world's largest collection of full text **Open Access** papers, collating and enriching content from over **11,000 repositories**.

- **>20 Million** monthly active users (MAU)
- **34 Million** full-text research papers hosted by CORE.
- **260 Million** metadata records



CORE - An adopter of POSI



The Principles
of Open
Scholarly
Infrastructure



CORE is a mission-driven not-for-profit endeavour and a signatory of the **Principles of Open Scholarly Infrastructure**.

CORE's role in the OA repositories network

Confederation of Open Access Repositories



“Each individual repository is of limited value for research: **the real power of Open Access lies in the possibility of connecting and tying together repositories**, which is why we need interoperability. In order to create a seamless layer of content through connected repositories from around the world, Open Access relies on interoperability, the ability for systems to communicate with each other and pass information back and forth in a usable format. **Interoperability allows us to exploit today’s computational power so that we can aggregate, data mine, create new tools and services, and generate new knowledge from repository content.**” [COAR manifesto]

Why is CORE important for repositories?

>20M monthly
active users

Increase your contents' discoverability and prevent its misuse

Search, Recommender, Discovery, PMC Linkout

Make your papers uniquely identifiable and resolvable with PIDs

OAI Resolver

Assess and contribute to Open Access compliance and FAIRness

Indexed by CORE badge

Make your content machine readable

Repository Health Check

Manage, analyse, monitor and enrich content in your repository

Dashboard



CORE Dashboard

Overview

The Dashboard offers a range of tools for repository management, content enrichment, metadata quality assessment and open access compliance checking.

It serves as a central hub for for CORE data providers, such as to configure CORE's [OAI Resolver](#), Recommender and Discovery services for your repository.

Current Repository Dashboard assists HEIs with

Tools

Management of harvesting and issue tracking

(Overview, download statistics and harvesting issues)

Open Access compliance

Metadata validation

Finding version and near-duplicates

Metadata enrichment

(DOI enrichment, ORCID?)

Setting up your repository

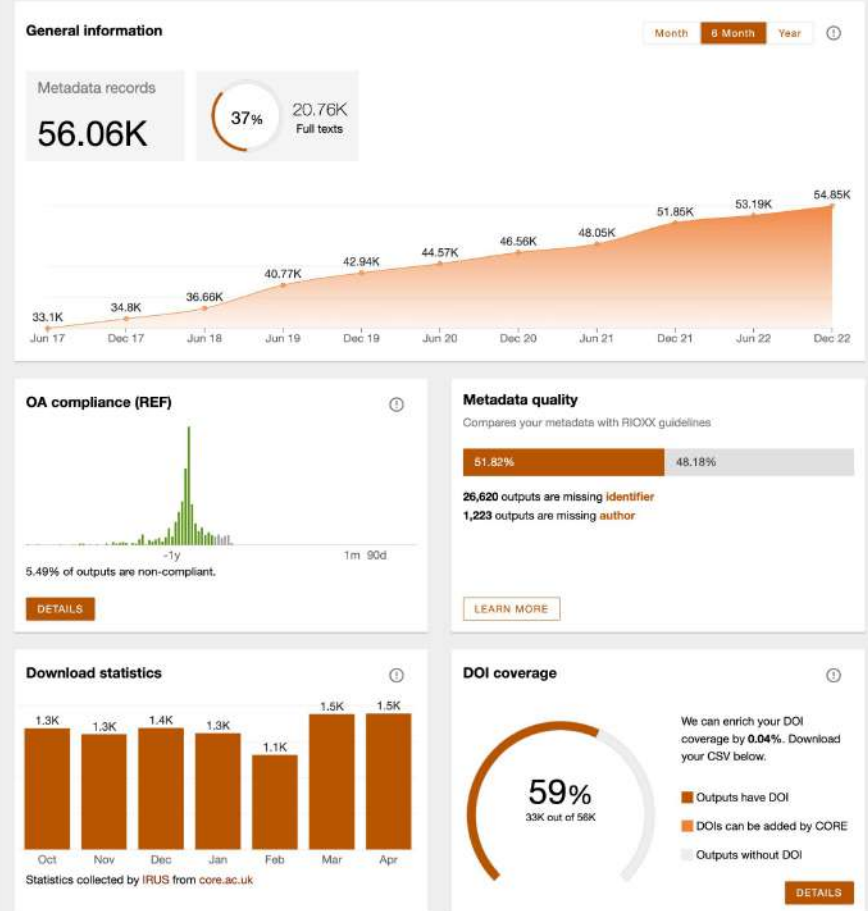
(OAI resolver, setting up your logo, accessing the CORE Recommender)

CORE Dashboard - a powerful tool

Review

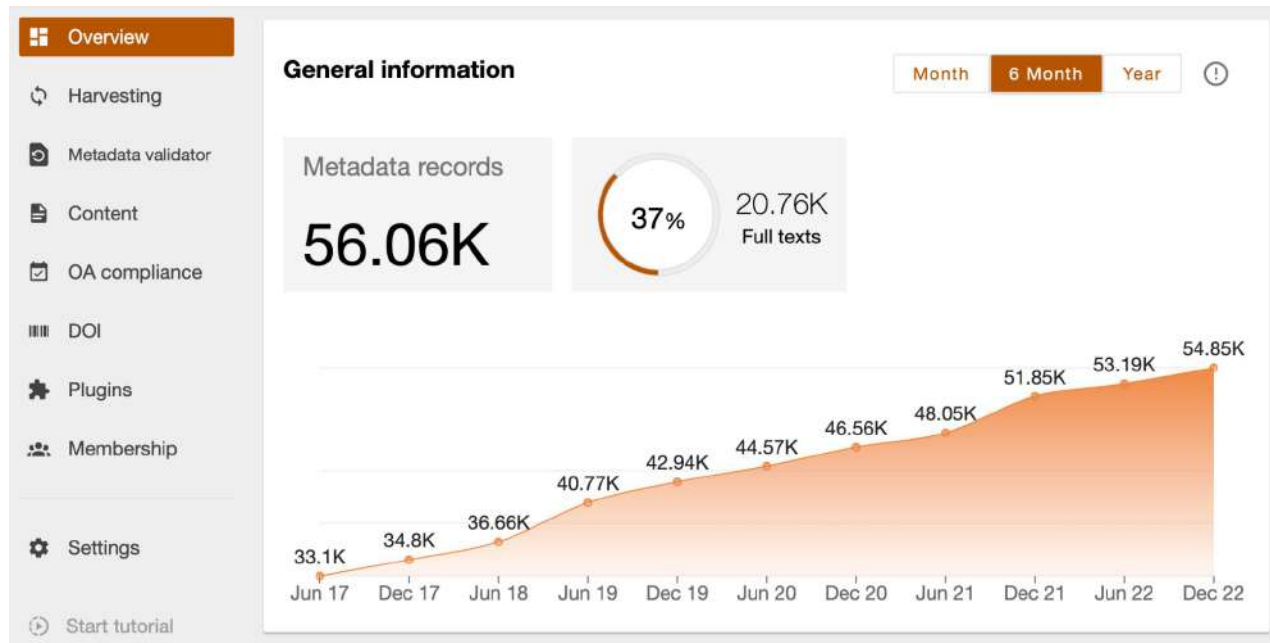
“The CORE Repository Dashboard provides an excellent level of feedback and control over what gets harvested, aggregated and exposed. It also provides intelligence on harvesting errors which may need troubleshooting, thereby ensuring optimum repository health for text mining as well as discovery of repository content.”

George Macgregor,
Institutional Repository Manager,
University of Strathclyde

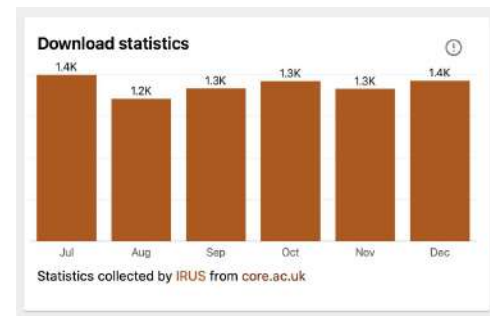


Management of harvesting and issue tracking

Statistics



- Access to the content harvested from the repository
- Get statistics regarding the repository content via IRUS-UK



Management of harvesting and issue tracking

Harvesting status

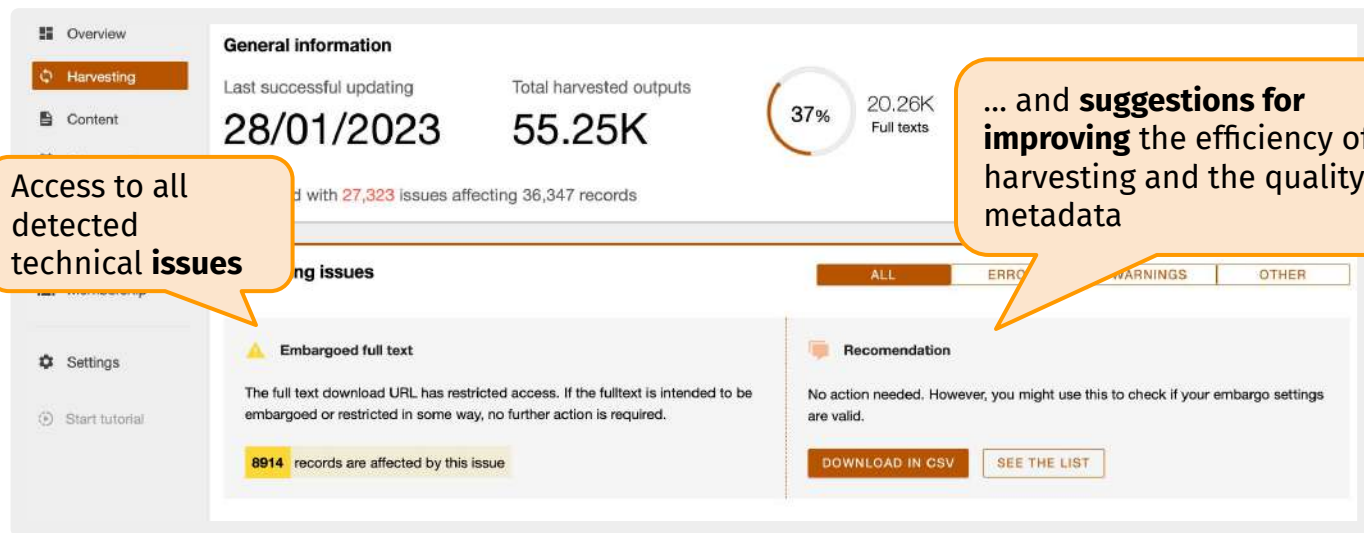
Use an external system to see how your repository is seen from the outside of your organisation.

- **Test**

don't take that it works for granted

- **Monitor**

the fact that it works now doesn't mean it can't go wrong when you least expect it



Access to all detected technical issues

... and **suggestions for improving** the efficiency of harvesting and the quality of metadata

Metadata validation

RIOXX metadata validator

- Adopt a relevant application profile (e.g. RIOXX.net)
- Use a metadata validation service, e.g. within the CORE Repository Dashboard

Overview

Harvesting

Metadata validator

Content

OA compliance

DOI

Plugins

Membership

Settings

Start tutorial

RIOXX metadata validator BETA

This metadata validator helps you to assess how well your metadata comply with RIOXX and provide recommendations on improving this compliance.

The validator works for both RIOXX v2 and RIOXX v3. You can input a sample RIOXX record into the below text field to see how it complies with RIOXX. Where issues are detected, we provide recommendations to help you improve your metadata quality. While we are encouraging everybody to migrate to RIOXXv3, keep in mind that RIOXX v3 is as of 1st April 2023 still in the Release Candidate 1 version and some of the recommendations might change when the final version is released.

MY REPOSITORY

RIOXX VALIDATOR

Validate a metadata record

You can input a record XML (what is enclosed in the <riox>...</riox> tags).

EXAMPLE 1 (FULLY COMPLIANT)

EXAMPLE 2 (PARTIALLY COMPLIANT)

```
<riox
  /schema/v3.0/riox/"
/2014/al/1.0*
elements/1,1/"
org/dc/terms/"
cs.riox.net/schema/v3.0/rioxterms/"
www.riox.net/schema/v3.0/riox/
/3.0/riox/riox.xsd"
rg/2001/XMLSchema-instance">
to_read>
```

VALIDATE

4 ISSUES

all:license_ref

Record is missing the field <all:license_ref>

Recommendation

all:license_ref field must contain an HTTP URI that points to the license term.

Metadata quality

Compares your metadata with RIOXX guidelines

51.69% 48.41%

26,388 outputs are missing **identifier**

1,207 outputs are missing **author**

LEARN MORE

Access to **RIOXX** metadata compliance checking

Metadata enrichment

DOI enrichment

Coverage

Number of outputs with a DOI within the repository collection.

33.17K
outputs with DOIs

Percentage of outputs with a DOI within the repository collection.

59.16%
of records covered

CORE has discovered more DOIs which are not listed in the repository.

14
more available

We have found 14 more DOIs that can be added to your repository. Review and download them below.

Browse DOI records

DOI	Title	Authors
10.1177/0040571x0310600104	Reincarnation belief and the Christian chur...	Waterhouse, Helen Walter, Tony
10.1353/jsh/29.3.527		n, Susan
10.1007/978-1-4615-1313		aymond
10.1177/002029400400370		C C
10.1179/fch.2003.6.1.003	... New Lanark Highlanders: migration, co...	Nicolson, Margaret Donnachie, Ian

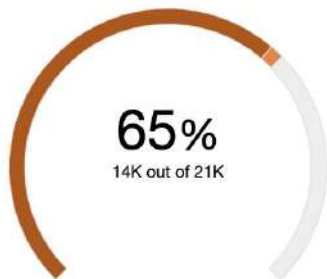
DOWNLOAD CSV

Showing 1-5 records

SHOW MORE

You can enrich data with **DOIs** identified in other repositories

DOI coverage

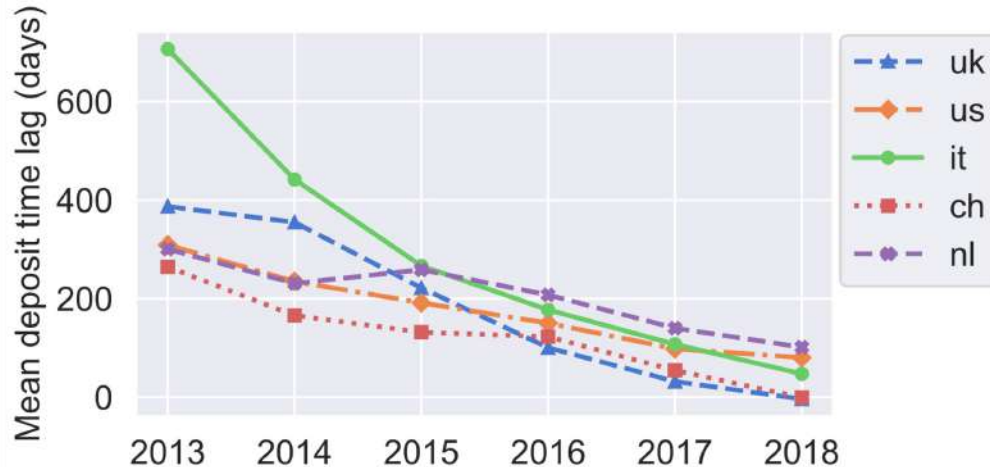


We can enrich your DOI coverage by **2.97%**. Download your CSV below.

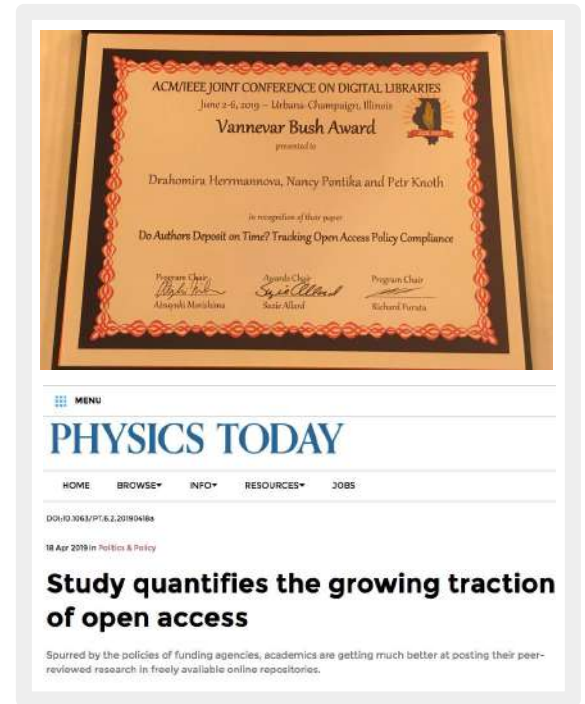
- Outputs have DOI
- DOIs can be added by CORE
- Outputs without DOI

DETAILS

Monitoring the OA deposit delay



[Herrmannova, Drahomira](#); [Pontika, Nancy](#) and [Knoth, Petr](#) (2019). Do Authors Deposit on Time? Tracking Open Access Policy Compliance. In: *2019 ACM/IEEE Joint Conference on Digital Libraries, 2-6 Jun 2019, Urbana-Champaign, IL*

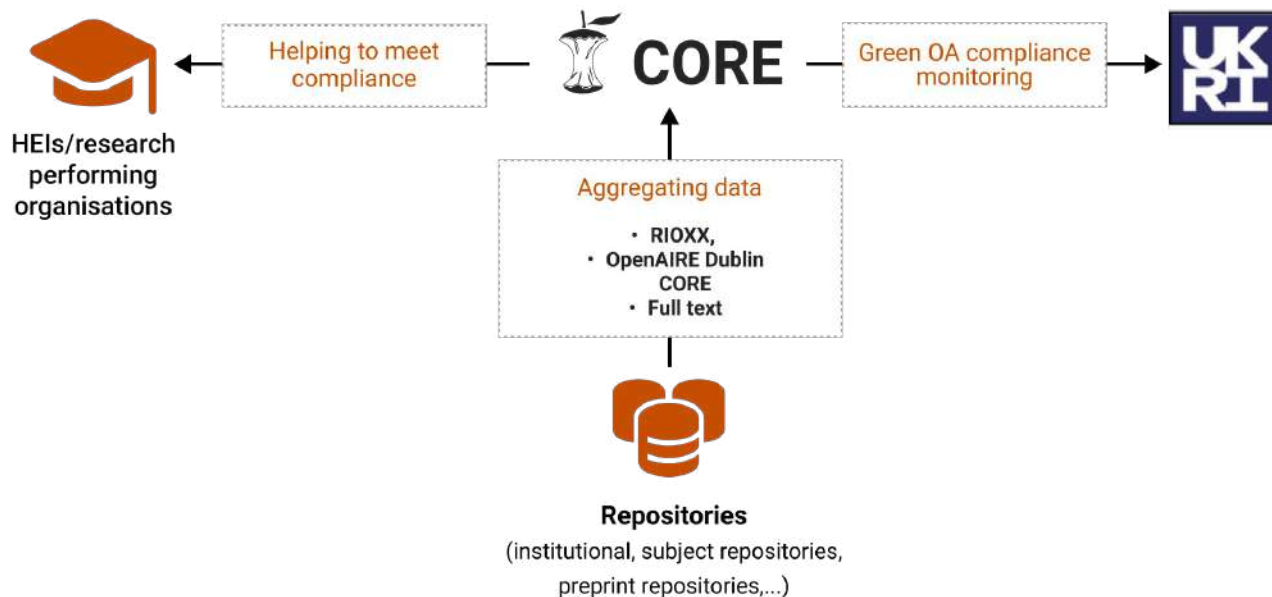


Vannevar Bush 2019 Best Paper Award for this study

Helping funders to monitor OA progress and compliance

EXAMPLE

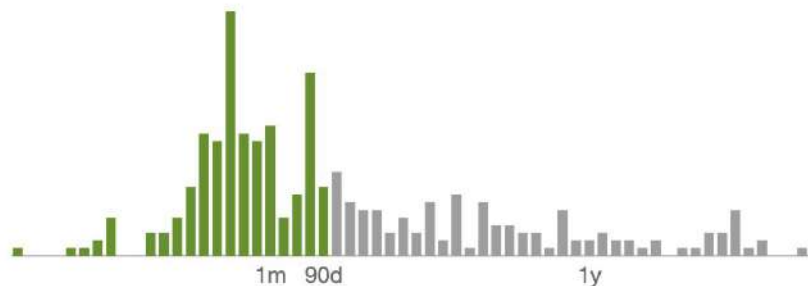
Supporting the UK with
OA Compliance
monitoring with respect
to the REF 2016 OA
Policy



Open Access compliance

REF Open Access Policy

OA compliance (REF)



38.63% of outputs are non-compliant.

DETAILS

Deposit dates

Lists deposit dates discovered from your repository

Search

OAI	Title	Authors	Publication	Deposit date
86345	Further Light on Clement...	Rowland, David		
86663	Annual Review 2022	Weller, M. Pitt, B. Iniesto,...	20/12/2022	20/01/2023
87038	The Belt and Road Initiati...	Mandelbaum, Henoch G...		
87071	Evaluation of Higher-Ord...	Duckworth, Jennifer Halli...		
87072	Distrustful Complacency ...	Lalot, Fanny Abrams, Do...		

DOWNLOAD CSV

Showing 1-5 records

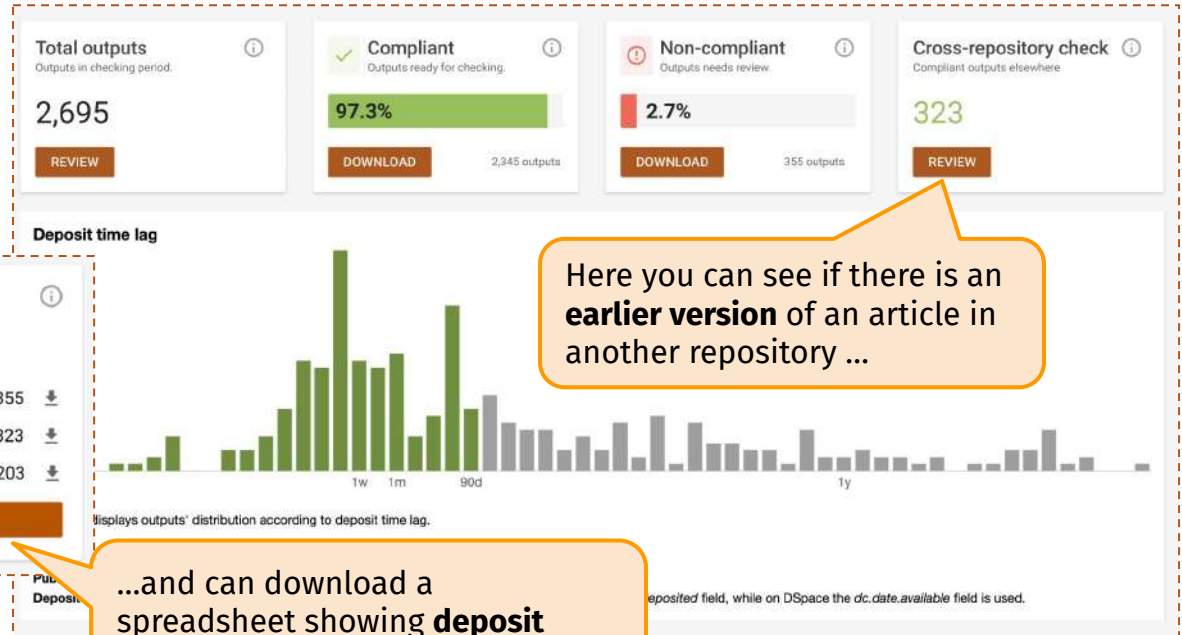
SHOW MORE



<https://core.ac.uk/services/repository-dashboard>

Open Access compliance

Cross-repository check



Here you can see if there is an **earlier version** of an article in another repository ...

...and can download a spreadsheet showing **deposit dates** from multiple repositories

What's next for the OA Compliance module

- Support for further guidelines and policies
- Coming soon:
 - **UKRI**
 - **Plan S**
- Coordinate communication with repositories community of practice

NEXT



**UK Research
and Innovation**



Plan S

Making full & immediate
Open Access a reality

Finding version and near-duplicates

Versions/duplicates

List of possible duplicates

author	N/A	N/A
type	Bandara A., Charalambides M., Dulay N., Flegkas P... SHOW MORE	Bandara, Arosha K., Lupu, Emil C., Russo, Alessand... SHOW MORE
Field of study	N/A	N/A
DOI	N/A	N/A
Publication date	10.1109/tism.2006.4798308	10.1109/TNSM.2006.4798308
Deposited date	2005-05-01T00:00:00	2006-04-01T01:00:00+01:00
Abstract	2006-04-01T00:00:00	2006-04-01T00:00:00+01:00
	Policy-based management provides the ability to dynamically re-configure DiffServ networks such that desired Quality of Service (QoS) goals are achiev... SHOW MORE	Policy-based management provides the ability to dynamically re-configure DiffServ networks such that desired Quality of Service (QoS) goals are achiev... SHOW MORE

[Duplicate](#) [Different version](#) [Not the same article](#)

Comparison mode

Find versions and near-duplicates BETA

Our technology searches your repository to identify different versions of your articles and potential duplicates within your repository. This can help you in managing and curating your repository content. We periodically detect near-duplicate records and versions and allow you to compare them side by side. This can hel... [SHOW MORE](#)

Last successful check

29/05/2023

Detection of versions and near-duplicates runs automatically every time after your repository is harvested.

Number of matches

Please be aware that it is a list of possible duplicates, and you can review it.

964

[DOWNLOAD](#)

List of potential duplicates and alternative versions

Search

OAI	Title	Authors	Duplicates	Publication date		
6864	Policy refinement for Di...	Bandara, Arosha K. ...	+ 2 found	2005-05-01		⋮
18692	A psychoacoustical inve...	Whitehouse, James ...	+ 2 found	2008-04		⋮

[DOWNLOAD CSV](#)

Showing 1-20 records of 466 records

[SHOW MORE](#)

Setting up of your repository

OAI Identifier

OAI identifiers

Unique permanent identifiers (PIDs) for open repositories:

- Why use OAIs for repositories?
 - ◆ Complement, rather than replace DOIs
 - ◆ Link to the data provider rather than to the publisher's website
 - ◆ Cost-free to mint
- Data providers can freely register their OAI prefix with CORE



Register OAI mapping

This allows you to register a mapping between the OAI Prefix and the URL in your repository to which it should resolve. Once resolved and activated your OAI resolver will start resolving your OAIs directly to your repository metadata page. Where not registered, we will resolve to the metadata page in CORE. To find out more see [OAI identifier documentation](#).

The first part of your repository's OAI identifiers until the colon:

Example: oai:digital.lib.washington.edu

Mapping to your repository's metadata page.

Example: digital.lib.washington.edu



Resolving to your repository is activated

SAVE

Setting up of your repository

OAI Identifier



Resolve an OAI identifier

Example: oai:researchonline.rca.ac.uk:1035

RESOLVE



RESEARCH OAI oai:kar.kent.ac.uk:47992

Evaluation of the Primary Care Mental Health Specialist role: Final Report

Sarah Hotham, Kathleen West, +5 MORE · 1 January 2015 · Centre for Health Services Studies

Royal College of Art

Experimental Design: Design Experimentation

Tools

Hall, Ashley, 2011. Journal Article, *Experimental Design: Design Experimentation Design Issues*, 27 (2). pp. 17-26. ISSN 07479390

Information Documents

Abstract or Description: This paper was selected for publication in MIT's Design Issues. The research takes an original approach by positioning experimentation as a comprehensive design methodology, rather than using the traditional industrial design approach of employing experimentation as a problem-solving tool within a standard design model. It is an evolution of design thinking on non-linear design methods first developed by Hall and presented to the 'International Association of Societies of Design Research Conference', Seoul, South Korea (2009), and in a paper entitled 'Innovation design engineering: Non-linear progressive education for diverse intakes' presented at the 'International Conference on Engineering and Product Design Education', University of Brighton, UK, which offered a non-linear pedagogy (Hall and Childs 2009) that uniquely supports a diverse interdisciplinary intake. Experimental design is well known in the science domain but very little evidence has been recorded of experimentation in industrial design and its position in relation to work in other science and research domains. Connections are made with theories on research methods, an analysis of case studies and comparisons of literature on experimentation from science disciplines, especially that of Kuhn (1962), Galison (1987), Pasteur's quadrant for scientific research in Stokes (1997) and Borgolotti (2007). Hall makes significant claims in exploring and articulating a model of design experimentation that highlights the difference between scientific and design experimentation. This work was original in describing an experimental design model for the increasing activity in early phases of design development by recording and enhancing knowledge in this important area for future design research and practice. The methods researched in the paper were later used in experimental design workshops in Daegu, South Korea (2011) and Busan, South Korea (2012).

Official URL: <http://www.mitpressjournals.org/doi/abs/10.1162/DE...>

Subjects: Creative Arts and Design > W200 Design studies
Creative Arts and Design > W200 Design studies > W240 Industrial/Product Design

OAI oai:kar.kent.ac.uk:479...

Last time updated on 05/04/2016

[View original full text link](#)

Provided by our Sustaining member

Setting up of your repository

Logo for your papers

Upload logo

You can now upload your official logo to make it easier for users to identify your content. The logo will be displayed next to your content in searches, in the CORE reader and on your data provider's page.



100x100, png, jpg.

CHANGE

Your logo will appear on the

CORE Search

CORE Recommender

CORE Discovery

Your data provider page in
CORE

Works and Outputs pages

Setting up of your repository

Logo for your papers

The Open University, United Kingdom
Open Research Online
Sustaining member

9,266 full texts 11,635 metadata records
Updated in last 30 days

Search over 11K research outputs in Open Research Online

Field Year Type **Author** Language Clear all filters

14,785 research outputs found Sort by Relevance

- Semantometrics: Towards Fulltext-based Research Evaluation**
D. Herrmannova, P. Knoth · ACM · 2016
Semantometrics are a new class of research evaluation metrics which build on the premise that full-text is needed to assess the value of a publication.
- Semantometrics: Fulltext-Based Measures for Analysing Research Collaboration**
D. Herrmannova, P. Knoth · International Society for Scientometrics and Informetrics · 2015
...called **Semantometrics** in relation to the role of "bridges" in scholarly publication networks.
- Text and Graph Based Approach for Analyzing Patterns of Research Collaboration: An analysis of the TrustImpactDataset**
D. Herrmannova, P. Knoth, J. Wells · 2018 · Computer science
This approach, which we have introduced in a previous publication (Herrmannova et al., 2017), belongs to a class of methods referred to as "semantometrics"...
- The scientific and pedagogical professionals' informational and research competence development with the use of open electronic educational and science systems**
G. Ieasoa · IIT3H · 2018 · Computer science

Access Repository Dashboard
Do you manage Open Research Online? Access insider analytics, issue reports and manage access to outputs from your repository in the **CORE Repository Dashboard**

SIGN IN **CREATE ACCOUNT**

CORE Search

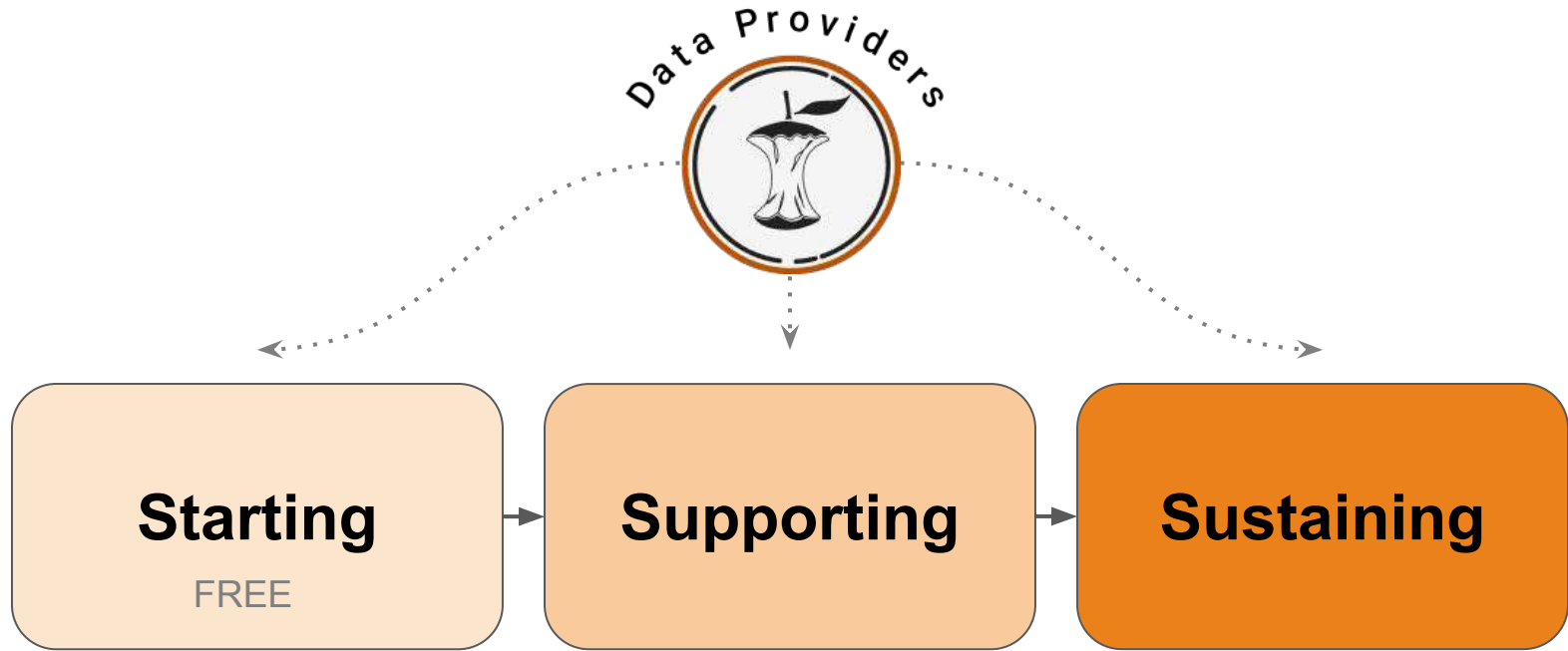
- Semantometrics: Towards Fulltext-based Research Evaluation**
D. Herrmannova, N. Sheppard +2 · ACM · 2016
Free PDF
Semantometrics are a new class of research evaluation metrics which build on the premise that full-text is needed to assess the value of a publication.
Open Research Online and arXiv - e-print archive
- Semantometrics: Fulltext-Based Measures for Analysing Research Collaboration**
D. Herrmannova, J. Wells · International Society for Scientometrics and Informetrics · 2015
Full text link
...called **Semantometrics** in relation to the role of "bridges" in scholarly publication networks.
Open Research Online

Discovery
Discovery
We could not find a free full text for you but we have prepared a list of fresh papers similar to what you are looking for.

Recommender
CORE White Rose Research Online POWERED BY CORE
CORE is the world's largest aggregator of open access research papers from repositories and journals.

- Semantometrics: Towards Fulltext-based Research Evaluation**
D. Herrmannova, P. Knoth · ACM · 2016
Free PDF
Semantometrics are a new class of research evaluation metrics which build on the premise that full-text is needed to assess the value of a publication.
Open Research Online and arXiv - e-print archive

Three levels of CORE Membership



Joining CORE benefits your institution



... and over 20 others
are already our
supporting and
sustaining members

Become a member to demonstrate your support for Open Research



Take home ...

- Dashboard available for every data provider
- Supporting interoperability: issue monitoring, ...
- OA compliance
- Enrichment, Finding versions and duplicates ...
- Discovery: configure your repository for our OAI resolver



Thank you!

<https://core.ac.uk/>

For more information, contact:

membership@open.ac.uk