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

Governance
Sustainability
Insurance

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?

- 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

>20M monthly active users
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 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

<table>
<thead>
<tr>
<th>Management of harvesting and issue tracking</th>
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</thead>
<tbody>
<tr>
<td>(Overview, download statistics and harvesting issues)</td>
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<table>
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<tr>
<th>Metadata validation</th>
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<tr>
<th>Metadata enrichment</th>
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<tr>
<td>(DOI enrichment, ORCID?)</td>
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<tr>
<th>Open Access compliance</th>
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<tr>
<th>Finding version and near-duplicates</th>
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<tr>
<th>Setting up your repository</th>
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<tr>
<td>(OAI resolver, setting up your logo, accessing the CORE Recommender)</td>
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[https://core.ac.uk/services/repository-dashboard](https://core.ac.uk/services/repository-dashboard)
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

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

Access to RIOXX metadata compliance checking
You can enrich data with DOIs identified in other repositories.
Monitoring the OA deposit delay


Vannevar Bush 2019 Best Paper Award for this study
Helping funders to monitor OA progress and compliance

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.

Deposit dates

Listed deposit dates discovered from your repository

<table>
<thead>
<tr>
<th>OAID</th>
<th>Title</th>
<th>Authors</th>
<th>Publication Date</th>
<th>Deposit Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>86345</td>
<td>Further Light on Clement...</td>
<td>Rowland, David</td>
<td></td>
<td></td>
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<tr>
<td>86663</td>
<td>Annual Review 2022</td>
<td>Weller, M. Pitt, B. Iniesta,...</td>
<td>20/12/2022</td>
<td>20/01/2023</td>
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<tr>
<td>87038</td>
<td>The Belt and Road Initiative...</td>
<td>Mandelbaum, Horoch G...</td>
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<tr>
<td>87071</td>
<td>Evaluation of Higher-Ord...</td>
<td>Duckworth, Jennifer Hall...</td>
<td></td>
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<tr>
<td>87072</td>
<td>Distrustful Complacency...</td>
<td>Laliot, Fanny Abrams, Do...</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
Finding version and near-duplicates

List of possible duplicates

Comparison mode
Setting up of your repository

OAI Identifier

OAI identifiers
Unique permanent identifiers (PIDs) for open repositories:

➔ Why use OAs 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
Setting up of your repository

OAI i
Resolve an OAI identifier

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

CORE
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.

**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

https://core.ac.uk/services/repository-dashboard
Three levels of CORE Membership

- **Starting**
  - FREE

- **Supporting**

- **Sustaining**
Joining CORE benefits your institution

Become a member to demonstrate your support for Open Research
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