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# Guide – The Open Access Indicator's authority list of recognized external repositories

## Introduction

The authority list, which serves as support for the universities reporting to the OA Indicator and the indicator's validation of links, is attached as Appendix 1. The list is the result of annual hearings, where the universities are invited to suggest new repositories to be added to the list. The suggested repositories are evaluated in accordance with six criteria described further below.

## Open Access types and measures

The OA Indicator measures three types of Open Access:

(1) Full texts, publicly available from local repositories (Green OA)

**(2) Full texts, publicly available from other recognized external repositories (Green OA)**

(3) Full texts, published in and available from dedicated Open Access journals (Golden OA)

**For type (2),** a link that leads directly to the full text is required.

In Appendix 1 examples on how to link correctly to the full texts in the recognized external repositories are presented.
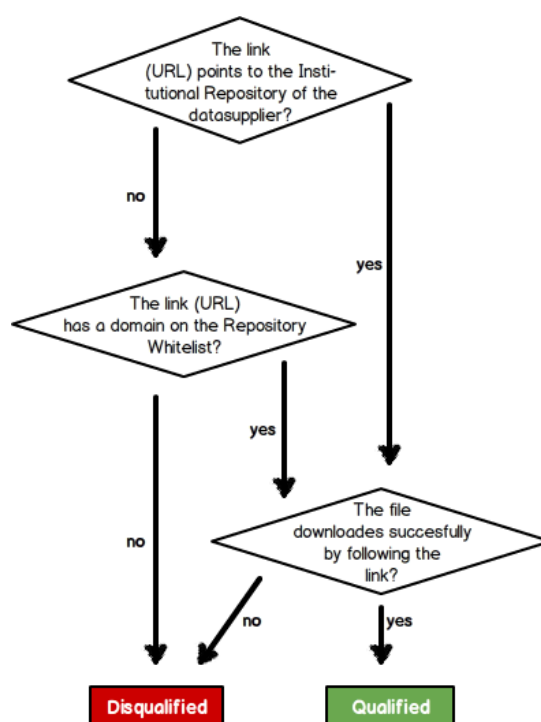


**Figure 1: Workflow for validating links to external repositories**

## Requirements for recognized external repositories

Open Access is not the same as making a full text version of a publication available at a random website[1]. It is therefore crucial for the OA Indicator that full texts, to be included in the indicator, can be found in repositories, which are recognized as consistent, stable, credible, and meet certain objective criteria.

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[1] Wikipedia's definition of a repository: *A disciplinary repository (or subject repository) is an online archive containing works or data associated with these works of scholars in a particular subject area.*
https://en.wikipedia.org/wiki/Disciplinary_repository (visited May 1st 2020)

## Criteria for acceptance on the list of recognized external repositories

1. **Technical solidity**

The repository is in stable operation with good up- and response times

2. **Sustainability**

The repository seems organizational and financial sustainable and can be expected to work for many years to come.

3. **Credibility**

The repository is dedicated to Open Access dissemination of scientific publications.

4. **Contact**

The repository has visible contact information and responds to mail inquiries within a reasonable time.

5. **Accessibility**

The repository's publications are freely available without any access barriers in the form of registration requirements or similar.

6. **Link quality**

The repository displays full texts via direct links: If a human or a machine (robot) follows the link (in a browser etc.), the actual text is downloaded directly.

## Correct linking to recognized external repositories

It is crucial for the Open Access Indicator:

· That links point directly to the full text. The DOI typically links to a website with metadata about the full text, and therefore do not represent a direct link to the full text.

· That direct full text links contain the domain name of the repository.

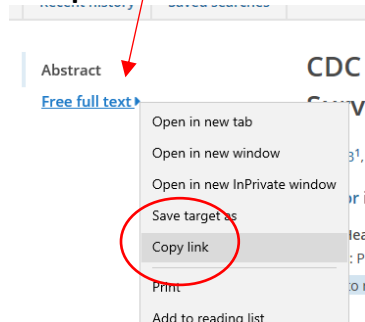Appendix 1 holds link examples and guides to all the current recognized external repositories.

## Copying links

Not all recognized external repositories open the full text in the browser, why it is recommended to always (if possible) create links using "Copy link" as in the examples below:
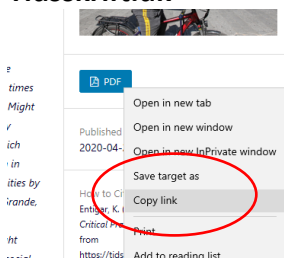
Make sure to copy the "Free full text" link – **NOT** the "Open pdf" link
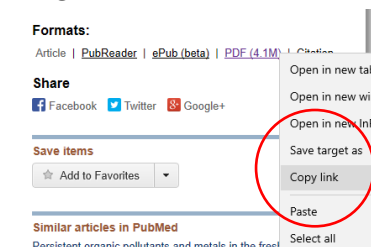
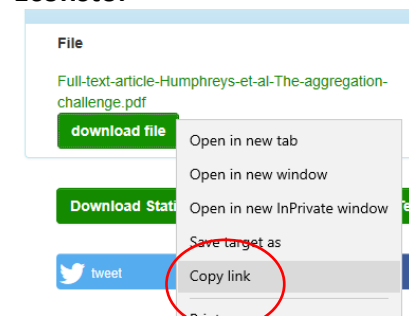Right click and copy link

**EuropePMC**

**Tidsskrift.dk**

**Econstor**

**PMC**

Uddannelses- og
Forskningsministeriet
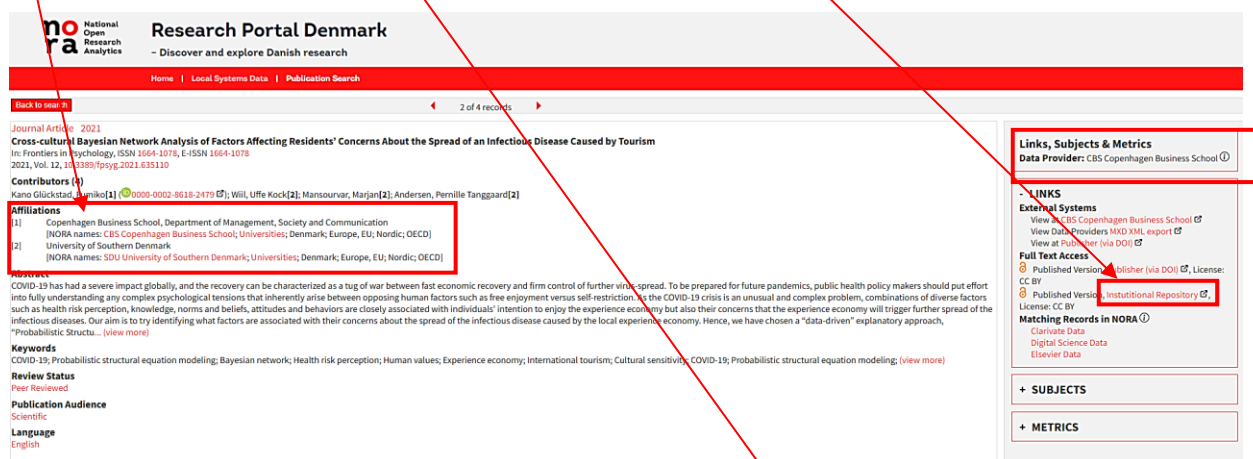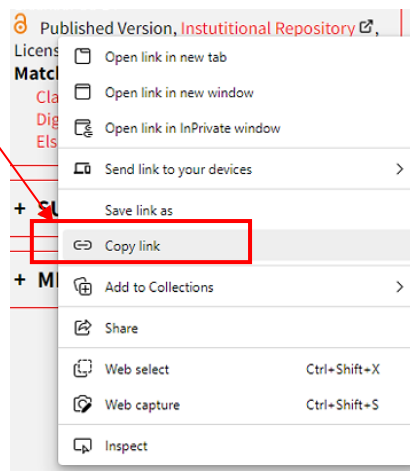
## Copying correct links from university repositories (new in the OA Indicator 2023)

It is now possible to link to a full text version that has been uploadet in another Danish university's repository. This can be done, e.g., by searching and finding the publication in Research Portal Denmark (https://forskningsportal.dk/local/search.html) and copying the link to the full text file in the respective university repository. In the example below, which is a co-publication between SDU and CBS, CBS has uploaded a full text file in *Institutional Repository*. The Research Portal displays a link, which can then be copied.



Note that only links to *Institutional Repository* can be used

## Appendix 1: List of recognized external repositories

| Title/Name | Type | URL | Link example |
|---|---|---|---|
| **Subject Repositories** | | | |
| AgEcon | Subject | https://ageconsearch.umn.edu/ | https://ageconsearch.umn.edu/record/308221/files/1389939.pdf |
| ArXiv | Subject | https://arxiv.org/ | https://arxiv.org/pdf/1511.02512 |
| BioRxiv | Subject | https://www.biorxiv.org/ | https://www.biorxiv.org/content/biorxiv/early/2017/12/25/238824.full.pdf |
| ChemRxiv | Subject | https://chemrxiv.org | https://chemrxiv.org/engage/api-gateway/chemrxiv/assets/orp/resource/item/60c74b67702a9bda7a18b412/original/procrustes-cross-validation-a-bridge-between-cross-validation-and-independent-validation-set.pdf |
| Cryptology ePrint Archive (Eprint.iacr) | Subject | https://eprint.iacr.org | https://eprint.iacr.org/2020/618.pdf |
| DiGRA Digital Library | Subject | http://www.digra.org | http://www.digra.org/wp-content/uploads/digital-library/paper_184.pdf |
| DROPS (Dagstuhl Research Online Publication Server) | Subject | http://drops.dagstuhl.de | https://drops.dagstuhl.de/opus/volltexte/2020/11792/pdf/LIPIcs-OPODIS-2019-6.pdf |
| Earth and Space Science Open Archive (ESSOAr) | Subject | https://www.essoar.org | https://www.essoar.org/pdfjs/10.1002/essoar.10502933.1 |
| EarthArXiv | Subject | https://eartharxiv.org | https://eartharxiv.org/repository/object/3406/download/6824/ |
| EconStor | Subject | https://www.econstor.eu/ | https://www.econstor.eu/bitstream/10419/172023/1/1005290733.pdf |
| engrXiv | Subject | https://engrxiv.org/ | https://engrxiv.org/preprint/view/2419/4670 |
| Europe PMC | Subject | http://europepmc.org/article/PMC http://europepmc/articles/PMC | http://europepmc.org/article/PMC/PMC7113413#free-full-text |
| Hprints | Subject | https://hal-hprints.archives-ouvertes.fr | https://hal-hprints.archives-ouvertes.fr/hprints-00475198/document |
| Hydraulic Engineering Repository (HENRY) | Subejct | https://henry.baw.de | https://henry.baw.de/bitstream/handle/20.500.11970/106679/065_Coastal_Structures_2019.pdf?sequence=1&isAllowed=y |
| Medrxiv | Subject | https://www.medrxiv.org | https://www.medrxiv.org/content/10.1101/19008326v1.full.pdf |
| Munich Personal RePEc Archive (MPRA) | Subject | https://mpra.ub.uni-muenchen.de | https://mpra.ub.uni-muenchen.de/75026/9/MPRA_paper_75026.pdf |

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|---|---|---|---|
| Organic Eprints | Subject | http://www.orgprints.org/ | https://orgprints.org/id/eprint/16889/1/martiskainen.pdf |
| PhilArchive | Subject | https://philarchive.org/ | https://philarchive.org/archive/MORLFA-4 |
| PsyArXiv | Subject | https://psyarxiv.com | https://psyarxiv.com/guzv5/download |
| PubMedCentral | Subject | https://www.ncbi.nlm.nih.gov/pmc/ | https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3965434/pdf/pone.0092521.pdf |
| SCOAP3 | Subject | https://repo.scoap3.org | https://repo.scoap3.org/api/files/1b7a0570-253c-4abb-adb8-823b1b8994b8/10.1140/epjc/s10052-020-8156-7_a.pdf |
| SocArXiv | Subject | https://osf.io/preprints/socarxiv/ | https://osf.io/preprints/socarxiv/9b6mu/download |
| SSOAR (Social Science Open Access Repository | Subject | http://www.ssoar.info/ | https://www.ssoar.info/ssoar/bitstream/handle/document/66552/ssoar-hsr-2020-1-kaspersen-The_Creation_of_Modern_Denmark.pdf?sequence=1&isAllowed=y&lnkname=ssoar-hsr-2020-1-kaspersen-The_Creation_of_Modern_Denmark.pdf |
| TechRxiv | Subject | https://www.techrxiv.org/ | https://www.techrxiv.org/ndownloader/files/25693796/1 |
| **OJS-server Repositories** | | | |
| ejournals@cbs | OJS-server | https://rauli.cbs.dk | https://rauli.cbs.dk/index.php/dansksociologi/article/download/5127/5549 |
| Open Access Journals at Journals Aalborg Universitet | OJS-server | https://journals.aau.dk | https://journals.aau.dk/index.php/globe/article/view/6565/5673 |
| Tidsskrift.dk | OJS-server | https://tidsskrift.dk | https://tidsskrift.dk/okonomi-og-politik/article/view/126064/172467 |
| **National Repositories** | | | |
| HAL | National | https://hal.archives-ouvertes.fr | https://hal.archives-ouvertes.fr/hal-03143766/file/Orlando-2021-NatRevMetPrimers-aDNAanalysis.pdf |
| **General Repositories** | | | |
| Zenodo | General | https://Zenodo.org | https://zenodo.org/record/4020514/files/sustainability-12-07389.pdf?download=1 |
| **Institutional Repositories** | | | |
| AAU repository* | Institutional | https://vbn.aau.dk/ws | https://vbn.aau.dk/ws/files/389495745/Kruse_et_al_2020_Acc._manus..pdf |
| AU repository* | Institutional | https://pure.au.dk/ws | https://pure.au.dk/ws/files/228963411/Developing_a_non_verbal_self_report_assessment_tool_of_action_tendencies_Accepted_manuscript_2021.pdf |

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| CBS repository* | Institutional | https://research-api.cbs.dk/ws | https://research-api.cbs.dk/ws/files/66613848/rajani_singh_et_al_necessity_of_the_terminal_condition_publishersversion.pdf |
|---|---|---|---|
| CERN Document Server CDS | Institutional | http://cds.cern.ch | http://cds.cern.ch/record/2265738/files/10.1103_PhysRevAccelBeams.19.014001.pdf?version=1 |
| DTU repository* | Institutional | https://backend.orbit.dtu.dk/ws | https://backend.orbit.dtu.dk/ws/files/245507237/5.0046591_1_.pdf |
| ITU repository* | Institutional | https://pure.itu.dk/ws | https://pure.itu.dk/ws/files/86398152/playthings.pdf |
| KU repository* | Institutional | https://curis.ku.dk/ws | https://curis.ku.dk/ws/files/300918980/2021_Nina_Bziuk_Environmental_Microbiome.pdf |
| RUC repository* | Institutional | https://rucforsk.ruc.dk/ws | https://rucforsk.ruc.dk/ws/files/79414216/admsci_11_00063_v2.pdf |
| SDU repository* | Institutional | https://findresearcher.sdu.dk/ws | https://findresearcher.sdu.dk/ws/files/179485431/fmicb_11_610269.pdf |

* New on the authority list for 2021 data

More information about the OA Indicator as well as contact information can be found at http://oaindikator.dk/en