

## Research Portal Denmark – Newsletter December 2022

### Better matching, new export, and more data

As Christmas is approaching, the NORA team sends its best wishes for a **Merry Christmas** and a **Happy New Year**. Here are the latest updates from the NORA team.

#### Improved matching across databases

We have made further progress in the matching algorithm to enable access to an increased number of matched publications, that is records that are indexed in two or more global databases (used in e.g., the *Matching Records in* filter). Currently, the matching is based solely on DOI. The new matching algorithm goes beyond DOI matching by utilizing several other publications' metadata fields. Moreover, we held an informal NORA workshop on duplicates detection and management in December 2022, where different approaches to matching were presented and discussed, including topics such as challenges, and future directions.

#### Improved export in the database with data from Local Systems

We have further improved an “export” feature in the database with data from Local Systems with plans to add more options soon. Users can now, in addition to the Excel spreadsheet, export and download their **search results** in JSON. In addition, it's also possible to solely download the data provider's record IDs. Furthermore, we are now providing the option to extract and download the **whole dataset** in XML or JSON. The improved export feature was driven by our users' feedback and is ready for a test drive. You can read more about how to extract and download data in the [About Local Systems Database](#) page under the tab 'Export Data'.

#### New institutions in the database with data from Local Systems

It's with great joy that we have expanded the number of institutions providing data to the database with data from Local Systems. Currently *VIVE – the Danish Center for Social Science Research*, the *Ministry of Culture Research Portal* and the *Danish University Colleges* have been added. Any day soon we'll also include, *DIIS - Danish Institute for International Studies*, the *Royal Danish Defense College*, *Design School Kolding*, *Aarhus School of Architecture* as well as the *Royal Danish Academy – Architecture, Design, Conservation*. In implementing data from the new local data providers, we have been cooperating and received great help from representatives from the different institutions – the NORA team would like to thank all of you for your good inputs, testing patience and expert knowledge.

#### Funders & Grants Working Group kick-off meeting

In October 2022 the NORA team held a first meeting in the Funders and Grants working group, which included representatives from the Danish Agency for Higher Education and Science, Novo Nordisk Foundation, Lundbeck Foundation, and Statistics Denmark. One of the main topics of the first meeting was the state-of-the-art of the funders organizations' names and persistent identifiers (PIDs), as well as an overview of the level of funder and grant metadata available in the various available web tools and services. Next meeting in the working group will take place in the beginning of 2023. More funding agencies are expected to join the working group.

### **Patents database**

As part of the effort to develop a first prototype of the database with Patents, the NORA team has started working on adding patent data pertaining to Denmark 2011 onwards from two global data providers Digital Science and Clarivate. This will initially include only the patents where at least one of the patent assignees is a public research organization with a Danish address. We will continue looking at and evaluating other data sources at the global and local level that could be relevant for inclusion in the Research Portal Denmark.

### **Webinars in September**

In September 2022 the NORA team held webinars with the title 'Intro to NORA & Research Portal Denmark'. The recording (in Danish only) and slides (in Danish and English) can now be found on the [website](#). Over 100 signees participated in the online webinars. We would like to use this opportunity to thank everyone who took part, and provided us with valuable questions, input, and feedback.

### **NORA is hiring**

We in the NORA team are looking for two new colleagues to help us with the development of Research Portal Denmark. Read more in the full job descriptions for an experienced [Data/Research Analyst](#) (only in Danish) and a [Technical Coordinator](#) (only in Danish). Please feel free to share in your network.

### **Next steps**

The following efforts are planned for the first part of 2023:

- Further development of the matching algorithm directed at the database with data from Local Systems to enable users access to de-duplicated records
- UN Sustainable Development Goals dashboard based on publication data
- Looking more into Persistent Identifiers (PIDs) to help establish better links between diverse research outputs and their reuse

As always, we are very interested in your feedback, input, and questions at [nora.feedback@dtu.dk](mailto:nora.feedback@dtu.dk). We look forward to hearing from you.