



# ORCID in Germany

## A project driven success story

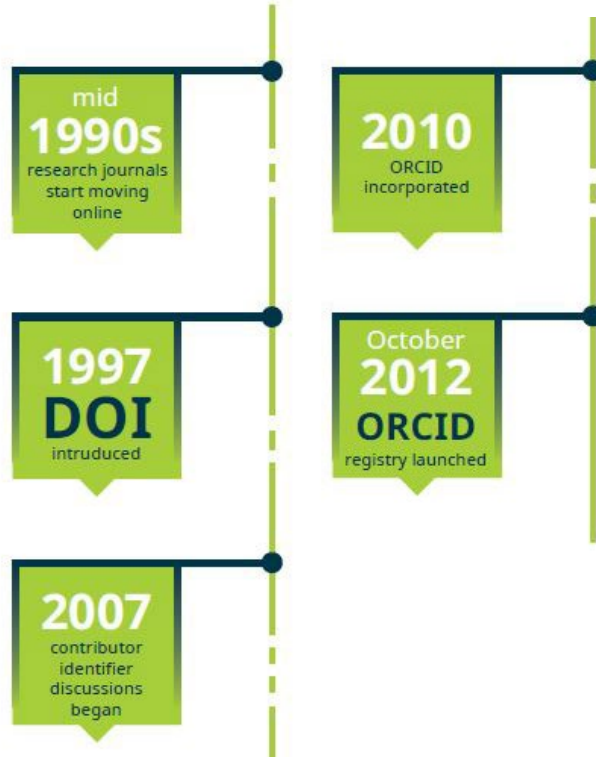
NISO Plus 2023

WWW, February 15, 2023

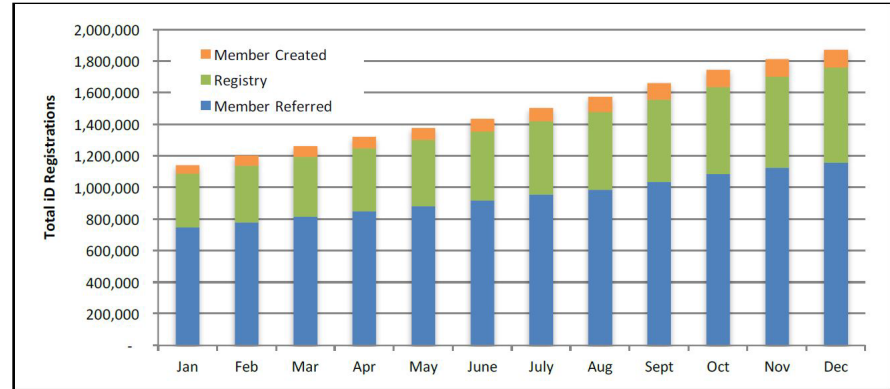
Antonia C. Schrader

Helmholtz Association, Helmholtz Open Science Office

# The beginning...



ORCID's First Decade: From Startup to Sustainability (2023).  
ORCID Inc. <https://info.orcid.org/orcid-first-decade-history>



New Registrants in 2015 by month and method of registration

ORCID Annual Report 2015 (2015). ORCID Inc.  
<https://info.orcid.org/annual-reports>

# ORCID DE 2016 to 2019

- 1. Funding Phase from 2016 to 2019 (**Application** (only in German))
- Project's Aims
  1. Support facilities in the implementation of ORCID and providing a central German-speaking platform
  2. Extend and streamline the usage of ORCID in Germany
  3. Publish an expert opinion on ORCID in terms of data protection

Project's partners:



**HELMHOLTZ**  
Open Science



Funded by



Initiated by



# Support

- Survey on Status Quo of ORCID in Germany:

Fuchs, C., Pampel, H., & Vierkant, P. (2017). ORCID in Deutschland – Ergebnisse einer Bestandsaufnahme im Jahr 2016. o-bib. Das offene Bibliotheksjournal / Herausgeber VDB, 4, 35–55. <https://doi.org/10.5282/O-BIB/2017H2S35-55>

- Launch of the project's website (called Dialogue Platform): <https://www.orcid-de.org>
- ORCID DE Workshops:



1. ORCID DE Outreach  
Workshop

2. ORCID DE  
Workshop  
Implementation

3. ORCID DE  
Workshop  
Perspectives

# Usage of ORCID in Germany

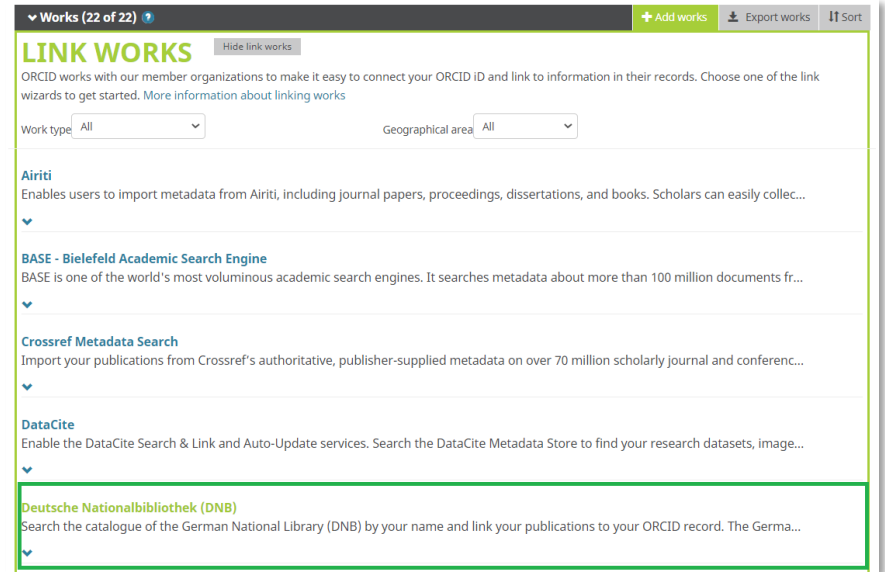


**Add your publications to ORCID**

Your publications in the catalogue of the German National Library (DNB) may be spread over a number of different author profiles, because some of the metadata are delivered by other organizations. In order to link publications to your ORCID record, please search for your relevant works in the catalogue of the German National Library, select your name and confirm the selected publications.

My Name

1 - 6 of 6 hits



Works (22 of 22)

## LINK WORKS

ORCID works with our member organizations to make it easy to connect your ORCID ID and link to information in their records. Choose one of the link wizards to get started. [More information about linking works](#)

Work type:  Geographical area:

- Airiti**  
Enables users to import metadata from Airiti, including journal papers, proceedings, dissertations, and books. Scholars can easily collec...
- BASE - Bielefeld Academic Search Engine**  
BASE is one of the world's most voluminous academic search engines. It searches metadata about more than 100 million documents fr...
- Crossref Metadata Search**  
Import your publications from Crossref's authoritative, publisher-supplied metadata on over 70 million scholarly journal and conferenc...
- DataCite**  
Enable the DataCite Search & Link and Auto-Update services. Search the DataCite Metadata Store to find your research datasets, image...
- Deutsche Nationalbibliothek (DNB)**  
Search the catalogue of the German National Library (DNB) by your name and link your publications to your ORCID record. The Germa...

The German National Library and the Bielefeld University Library enabled the “**claiming**” of works and developed “**Search&Link**” claiming services, which helps researchers, especially in German-speaking countries, to **discover and connect** with their activities from within their ORCID record.

# Expert opinion

**iRIGHTS**  
*law*


**ORCID aus datenschutzrechtlicher Sicht**

*"Gutachten im Auftrag des von der Deutschen Forschungsgemeinschaft (DFG) geförderten Projektes ORCID DE zur Förderung der Open Research and Contributor ID in Deutschland"*

RA Jan Schallaböck  
RA Max von Grafenstein LL.M.  
iRights.Law Rechtsanwälte

Berlin im Mai 2017

Dieses Gutachten ist online verfügbar via <http://doi.org/10.2312/lis.17.02>

 Lizenziert unter „Creative-Commons-Attribution 4.0 International (CC BY 4.0)“  
<https://creativecommons.org/licenses/by/4.0/>

Seite 1 von 51

iRights.Law Rechtsanwälte - Klingel, Kreuzen, Schallaböck und Westmann Partnerschaft  
Siedelacher Paulstrasse 15 Kreuzen am Schallaböck Museum am Grabstein  
Arenzenstraße 9/11 | 10119 Berlin | T +49 30 5409 91 30 | F +49 30 7563 8797 | [ansprech@rights.law.de](mailto:ansprech@rights.law.de) | [www.rights.law.de](http://www.rights.law.de)  
Anhalter U-Bahnsteigebau | Hauptkassenscheiter 19 907 8 | Finanzamt Maaß/Finanzamt | Steuer Nr. 3019900000 | USt-Id. Nr. 30286379129  
Deutsche Bank | Kontonr. 0538399 | BLZ 25070224 | IBAN 0538 200 700 240 083 639 900 | BIC SWIFT: DEUTDE33HAN

## V. Fazit und Empfehlungen

Die datenschutzrechtliche Begutachtung von ORCID hat keine gravierenden Mängel feststellen können. Im Gegenteil, das System unterstützt mit seinen Privacy-Funktionalitäten die Nutzerinnen und Nutzer bei der Ausübung ihres Rechts auf informationelle Selbstbestimmung und hat diesbezüglich stellenweise durchaus Vorbildcharakter. Durch die Konzipierung als Nutzerkontrolliertes Identitätsmanagementsystem können die Nutzer des Portals jederzeit einsehen und kontrollieren, welche Daten wie auf der Plattform verarbeitet

Expert opinion on ORCID in terms of data protection law  
(only in German): <https://doi.org/10.2312/lis.17.02>

# Foundation of the ORCID Germany Consortium

- October 1st, 2016 the German National Library of Science and Technology (TIB) and ORCID DE aim to **join forces** to develop and operate the ORCID Germany Consortium for research institutions in Germany
- 6 institutions, as **initial members**, enabled the signing of the consortium agreement by TIB and ORCID
- By 30 November 2016, the 12 institutions had additionally joined the ORCID Germany Consortium as **founding members**



# ORCID DE 2 2020 to 2022

- 2. Funding Phase from 2020 to 2022 (**Application** (only in German))
- Project's Aims
  1. Expansion and Consolidation of the established network of scientific institutions that have implemented ORCID.
  2. Professionalize the consulting activities for institutions or target groups
  3. Support the development of an identification system for organizations that are linked to ORCID.

Project's partners:



Funded by



Initiated by





# Growth of the ORCID records in Germany



44,000

as of May 2016

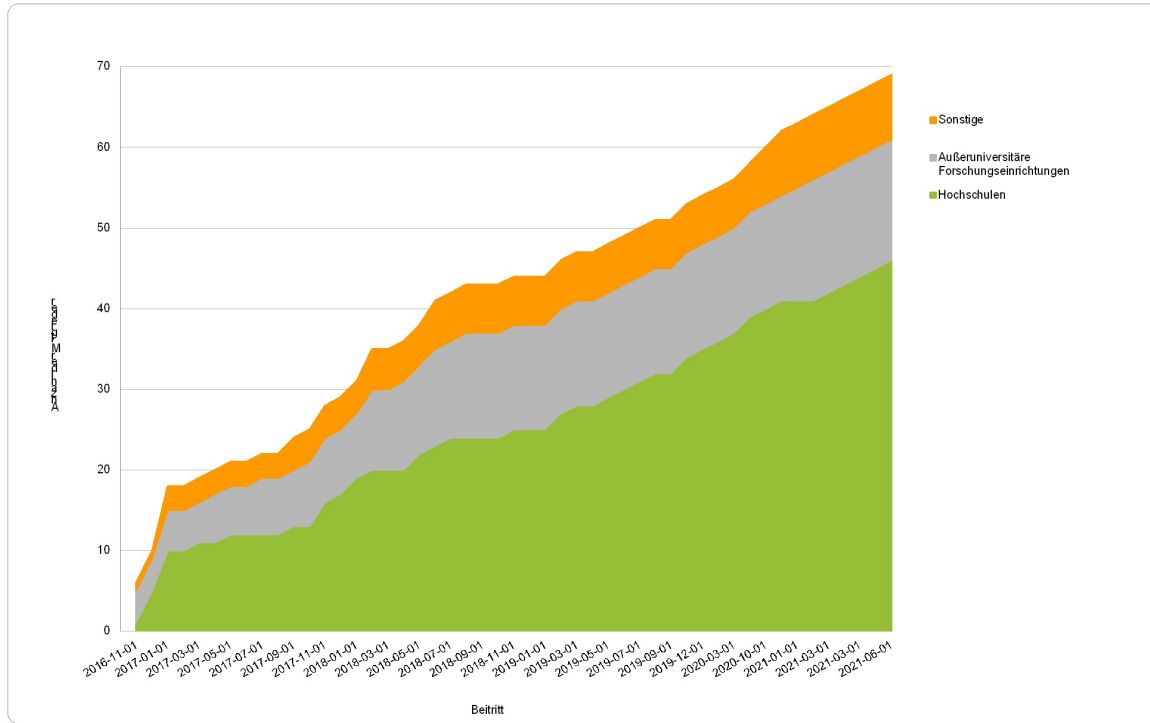


213,000

as of November 2022

researchers in Germany had registered an ORCID iD

# ORCID DE 2016 to 2019 – Growth of the ORCID Germany Consortium



Establishment and growth of the ORCID Germany Consortium

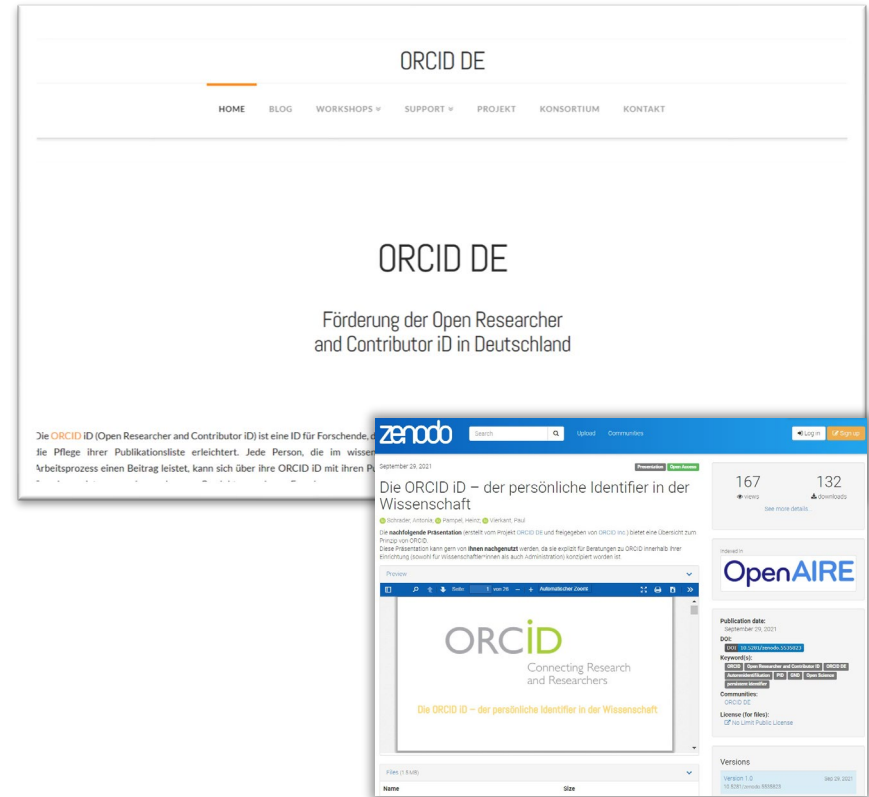
**84** members  
as of Feb. 2023

All members see here:  
<https://www.orcid-de.org/konsortium>

# Outreach activities

Optimization of the dialoge platform [www.orcid-de.org](http://www.orcid-de.org)

- relevant information about ORCID membership and implementation
- Set of template slides for ORCID-consultation at one's own facility in German (CC 0) → <https://doi.org/10.5281/zenodo.5638718>
- Section with **38** Frequently Asked Questions
- Section with **12** Best Practice reports
- **Over 75** published Blog posts
- Mailing list with **over 550** subscribers



# Events

## 4. Organization Identifiers

- Developments, opportunities and challenges of Organization IDs
- [Event's page](#)
- Over 300 participants

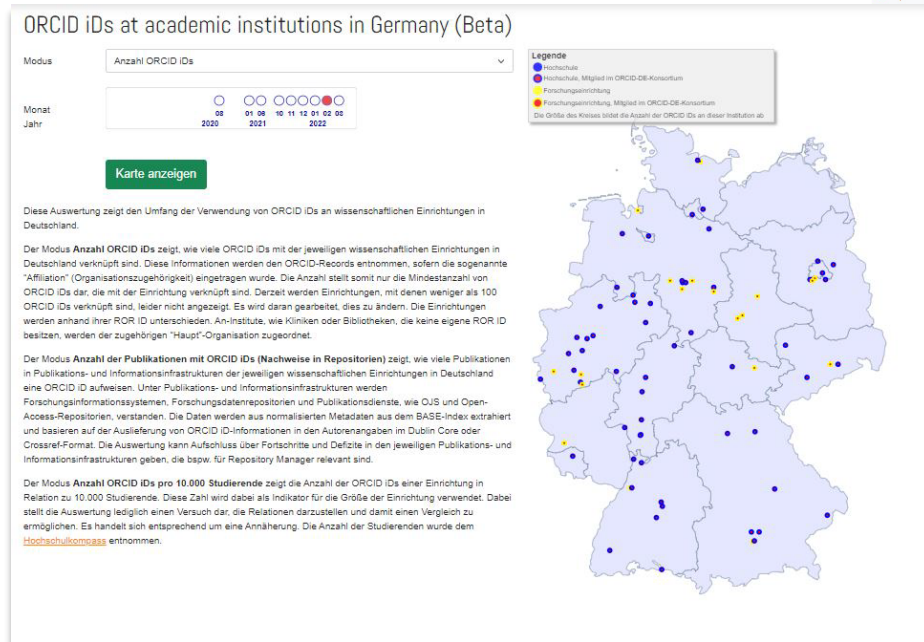
## 5. ORCID in publishing & research information systems

- Information on the Integration of ORCID
- [Event's page](#)
- Over 370 participants

## 6. ORCID in a broader context

- Results and outlook of persistent identifiers in science and culture.
- [Event's page](#)
- Over 270 participants

# The ORCID DE Monitor



## ORCID DE Monitor

Start

Auswertungen

Über

Impressum

## Willkommen beim ORCID DE Monitor

Der ORCID DE Monitor soll die Nutzung und Verbreitung von ORCID IDs erfassen, analysieren und bereitstellen. Die Datenbasis wird von Informationen der Suchmaschine BASE, der GND und ORCID gebildet. Der ORCID DE Monitor wird von der Universitätsbibliothek Bielefeld im Rahmen des DFG-geförderten Projekts "ORCID DE – Konsolidierung der ORCID-Infrastruktur in Deutschland" entwickelt. [Mehr über das Projekt.](#)

## Auswertungen

### Repositorien

Verschiedene Auswertungen zum Vorkommen von ORCID IDs in Repository-Umgebungen seit 2016  
[Zur Auswertung](#)

### Crossref

Verschiedene Auswertungen zum Vorkommen von ORCID IDs in den Crossref-Metadaten seit 2016  
[Zur Auswertung](#)

### BASE-Datenprovider

Verschiedene Auswertungen zum Vorkommen von ORCID ID im BASE-Index seit 2020  
[Zur Auswertung](#)

### BASE-Claiming

Verschiedene Auswertungen zum BASE-Claiming-Verfahren auf ORCID-Basis seit 2018  
[Zur Auswertung](#)

### GND mit ORCID

Statistik der ORCID IDs in der GND seit 2016  
[Zur Auswertung](#)

### DNB-Publikationen

Statistik der maschinellen Verknüpfungen von GND-Personendatensätzen mit DNB-Publikationen durch ORCID IDs seit 2020

- Launch in June 2021
- A Tool for Analyzing the Use of ORCID iDs in Germany and Beyond
- 13 different analysis
- Available in both German and English
- [orcid-de.org/monitor](https://orcid-de.org/monitor)

# Survey on Organization IDs in Germany

- Survey on the Need for and Use of Organization IDs at Higher Education Institutions and Non-University Research Institutions in Germany
- 183 research institutions participated in the survey
- Questions on the knowledge, distribution, and use of organizational identifiers at research institutions
- Published (both in German & English):

Vierkant, P, Schrader, A and Pampel, H. 2022. Organisations-IDs in Deutschland—Ergebnisse einer Bestandsaufnahme im Jahr 2020. *Bibliothek Forschung und Praxis*, 46(1): 191–215.

<https://doi.org/10.1515/bfp-2021-0089>

Vierkant, P, Schrader, A and Pampel, H. 2022. Organization IDs in Germany—Results of an Assessment of the Status Quo in 2020. *Data Science Journal*, 19: XX, pp. 1–23.

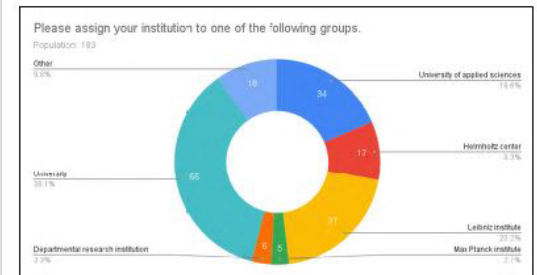
<http://doi.org/10.5334/dsj-2022-019>

## 4. RESULTS

The results of the survey are presented in what follows according to the four sections of the questionnaire.

### 4.1. GENERAL

With regard to the participation of the different institution types, higher education institutions (universities and universities of applied sciences) accounted for more than half of the participants. The nonuniversity research institutions (Helmholtz centers, Leibniz institutes, Max Planck institutes, and the federal government's departmental research institutions) together accounted for a share of almost one third. The question was mandatory and was answered by 183 institutions (see Figure 1).



Recipients of the survey invitation were mainly either persons in senior positions at the libraries of the respective institutions or contact persons for electronic publishing or open access/open science. In response to the question, 'In what function within your institution are you participating in this survey?', a large majority (81.4%, n = 149) answered 'as a library staff member.' By contrast, research and teaching staff (3.8%; n = 7), administrative staff (3.3%; n = 6), data center staff (1.6%; n = 3), and university press staff (1.1%; n = 2) participated only to a small extent in the survey. Further functions were reported under 'Other' (8.7%; n = 16), for example, 'data manager,' 'RIS [research information system] officer,' and 'information management.' The question was mandatory and was answered by 183 institutions (see Figure 2).

# Connecting ORCID with German National Library identification system

005 Tp1  
 006 <http://d-nb.info/gnd/1180402936>  
 008 piz  
 011 f  
**024 orcid: 0000-0003-1124-4564**  
 024 [isni: 0000 0001 3963 5722](http://isni.org/isni/0000-0001-3963-5722)  
 035 [gnd/1180402936](http://gnd/1180402936)  
 040 \$erda  
 043 XA-FR;XD-US;XA-SE  
 100 Roquet, Fabien  
 375 m  
 548 1982\$4datl  
 550 Prof. Dr.\$4akad  
 550 [19464483961Meereskundler \[Ts1\]\\$4berc](http://nbn-resolving.org/urn:nbn:de:19464483961Meereskundler[Ts1]$4berc)  
 670 Homepage\$bStand: 12.03.2019\$uhttp://w

daily routine since  
 July 2020

Source:  
 Schrader, A. C., Glagla-Dietz, S., & Pampel, H. (2021).  
[nbn-resolving.org/urn:nbn:de:0290-opus4-176253](http://nbn-resolving.org/urn:nbn:de:0290-opus4-176253)  
 (Statistic updated), p 20



0500 Olfo  
 0501 Text\$bbt  
 0502 Computermedien\$bc  
 0503 Online-Ressource\$bcr  
 0550 MARC21  
 0551 X\$b  
 0598 NP999  
 0600 at  
 1100 2018  
 1101 cr  
 1500 /feng  
 2010 2045-2322\*  
 2050 urn:nbn:de:1111-201804053860  
 2051 10.1038/s41598-018-21388-9  
 2198 75497475  
 2240 DNB:1155533739  
 3000 Labrousse, Sara\$BVerfasser\$4aut  
 3010 Williams, Guy\$B\$Sonstige\$4oth  
 3010 Tamura, Takeshi\$B\$Sonstige\$4oth  
 3010 Bestley, Sophie\$B\$Sonstige\$4oth  
 3010 Sallée, Jean-Baptiste\$B\$Sonstige\$4oth\$(orcid)0000-0002-6109-5176  
 3010 Fraser, Alexander D.\$B\$Sonstige\$4oth  
 3010 Sumner, Michael\$B\$Sonstige\$4oth  
 3010 Roquet, Fabien\$B\$Sonstige\$4oth\$(orcid)0000-0003-1124-4564  
**3010 [11804029361Roquet, Fabien \[Tp1\]\\$B\\$Sonstige\\$4oth\\$Ea\\$Hidtitel\\$D2020-04-03](http://nbn-resolving.org/urn:nbn:de:11804029361Roquet,Fabien[Tp1]$B$Sonstige$4oth$Ea$Hidtitel$D2020-04-03)**  
 3010 Heerah, Karine\$B\$Sonstige\$4oth  
 3010 Picard, Baptiste\$B\$Sonstige\$4oth  
 3010 Guinet, Christophe\$B\$Sonstige\$4oth  
**3010 [121529011X1Harcourt, Robert \[Tp3\]\\$B\\$Sonstige\\$4oth\\$Ea\\$Hidtitel\\$D2020-08-06](http://nbn-resolving.org/urn:nbn:de:121529011X1Harcourt,Robert[Tp3]$B$Sonstige$4oth$Ea$Hidtitel$D2020-08-06)**  
 3010 Arnold, Mark A.\$B\$Sonstige\$4oth\$(ofn)0000-0002-7823-785  
 3010 Charrassin, Jean-Benoit\$B\$Sonstige\$4oth  
 3110 SpringerLink (Online service)\$B\$Sonstige\$4oth  
 4000 Coastal polynyas: Winter oases for subadult southern elephant seals in East Antarctica / by Sara Jean-Benoit Charrassin

12.5 Mio.  
 publications

1.020.000 with

+ Hundreds daily

# Connecting ORCID and BASE database

The image shows two side-by-side screenshots. The left screenshot is from the BASE (Bielefeld Academic Search Engine) website. It displays search results for the query 'antonia schrader'. The first result is titled '1. Towards an Open Access publication workflow for monographs for University Presses' by 'Schrader, Antonia'. A red box highlights the author's name 'Schrader, Antonia' with a 'claim' link. A red line connects this box to the right screenshot. The right screenshot is an ORCID authorization dialog box. It shows the ORCID logo, the user's name 'Antonia Schrader', and their ORCID iD 'https://orcid.org/0000-0001-7080-634X'. The dialog asks for permission to allow 'BASE - Bielefeld Academic Search Engine' to access the user's ORCID record. It includes a 'Deny' button and an 'Authorize' button.

# about 375.000

Publications indexed in BASE contain one or more ORCID iDs

As of 01/2023



# Lessons learned

## Consistency

- Constantly inform on the topic and highlight the importance for the big picture / the culture change

## Consequence

- Constantly talk about the topic at every opportunity and thus become in touch with new stakeholders

## Commitment / Engagement

- Engagement in organizing events - take advantage of suitable opportunities and gain momentum

## Collaboration

- Choose suitable partners



By talha khalil, licensed under a free Pixabay licence, [URL](#)

# What's next?

## PID Network Germany!



PIDs for  
research  
data



PIDs for  
academic  
conferences



PIDs  
for  
instruments



PIDs for  
cultural  
objects



PIDs for  
organization  
&  
projects



PIDs for  
persons



PIDs for  
physical  
objects



PIDs for  
repositories  
&  
publishing  
platform



PIDs text  
publications



PIDs for  
software

# Thank you for your attention!

Keep in touch

[antonia.schrader@os.helmholtz.de](mailto:antonia.schrader@os.helmholtz.de)

<https://www.orcid-de.org>

<https://os.helmholtz.de/en>

[@helmholtz\\_os](#), [@HelmholtzOpenScienceOffice@helmholtz.social](#)

