# How to make the most of your ORCID record

Melanie Lorenz, Kirsten Elger (15.11.2024) Library Shorts

# Introduction

**Library Shorts:**
Regular short live sessions on important library services and publication topics
Fridays at 11.30 am

Fr 15/11/2024: How to make the most of your ORCID record.

Fr 22/11/2024: The tricks of predatory publishers

Fr 06/12/2024: Benefits of PIDs

Fr 13/12/2024: Navigating publishing costs at GFZ

Fr 10/01/2025: Geo Data Acts/ Geologiedatengesetz

**FID GEO:**
Specialised Information Service for Geosciences
realised by

Kirsten Elger

Melanie Lorenz

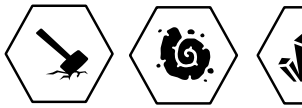
SUB | NIEDERSÄCHSISCHE STAATS- UND UNIVERSITÄTSBIBLIOTHEK GÖTTINGEN

# Why having an ORCID is a great idea – Challenges.

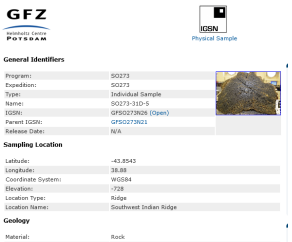
growing number of **published research results (data, texts, software)**
+ new publishing models
➢ Challenges for the scientific publication management

## Samples

Research Object



## Sample Description




## Research Data

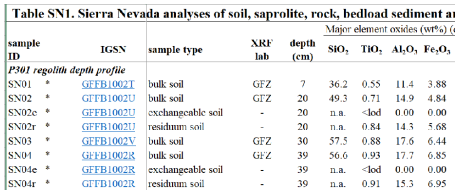
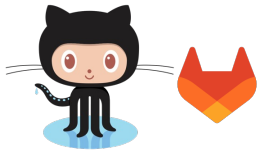


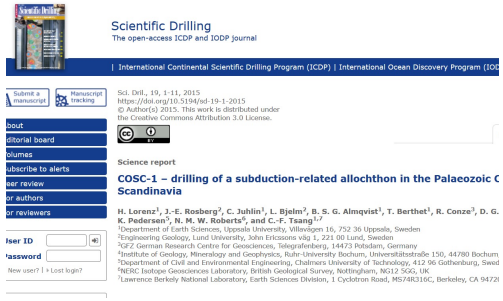
Table SN1. Sierra Nevada analyses of soil, saprolite, rock, bedload sediment a

| sample ID | | IGSN | sample type | XRF lab | depth (cm) | Major element oxides (wt%) ( $SiO_2$ | $TiO_2$ | $Al_2O_3$ | $Fe_2O_3$ |
|---|---|---|---|---|---|---|---|---|---|
| *P301 regolith depth profile* | | | | | | | | | |
| SN01 | * | GFFB1002T | bulk soil | GFZ | 7 | 36.2 | 0.55 | 11.4 | 3.88 |
| SN02 | * | GFFB1002U | bulk soil | GFZ | 20 | 49.3 | 0.71 | 14.9 | 4.84 |
| SN02e | * | GFFB1002U | exchangeable soil | - | 20 | n.a. | <lod | 0.00 | 0.00 |
| SN02r | * | GFFB1002U | residuum soil | - | 20 | n.a. | 0.84 | 14.3 | 5.68 |
| SN03 | * | GFFB1002V | bulk soil | GFZ | 30 | 57.5 | 0.88 | 17.6 | 6.44 |
| SN04 | * | GFFB1002R | bulk soil | GFZ | 39 | 56.6 | 0.93 | 17.7 | 6.85 |
| SN04e | * | GFFB1002R | exchangeable soil | - | 39 | n.a. | <lod | 0.00 | 0.00 |
| SN04r | * | GFFB1002R | residuum soil | - | 39 | n.a. | 0.91 | 15.3 | 6.95 |

## Research Code/Software



## Research Articles




(https://www.alamy.de/stockfoto-wissenschaftlerin-mit-lupe-163648035.html)

# Why having an ORCID is a great idea – Challenges.

growing number of **published research results (data, texts, software)**
+ new publishing models
➢ Challenges for the scientific publication management

⬇

Persistent problem:
**unambiguous attribution of individual authors to their works**

⬇

Practical problems:
➢ differentiation of authors with the same name
➢ different variations of one and the same person on different platforms
➢ name changes
➢ change of institutions

# Why having an ORCID is a great idea – Solutions?

## The Open Researcher and Contributor iDentifier

- International independent non-profit open to participate for all organization
- The ORCID iD = a unique, persistent identifier (PID)
- 16-digit number (compatible with ISO 27729 – Standard International Name Identifier)
- Used to uniquely identify researchers
- Resolvable/machine readable – FAIR
- Set of Application Programming Interfaces (APIs) – enabling exchange of information and interoperability between the ORCID Registry, member organizations and publishing platforms

# Why having an ORCID is a great idea – Solutions?

The Open Researcher and Contributor iDentifier

ORCID
Connecting Research and Researchers

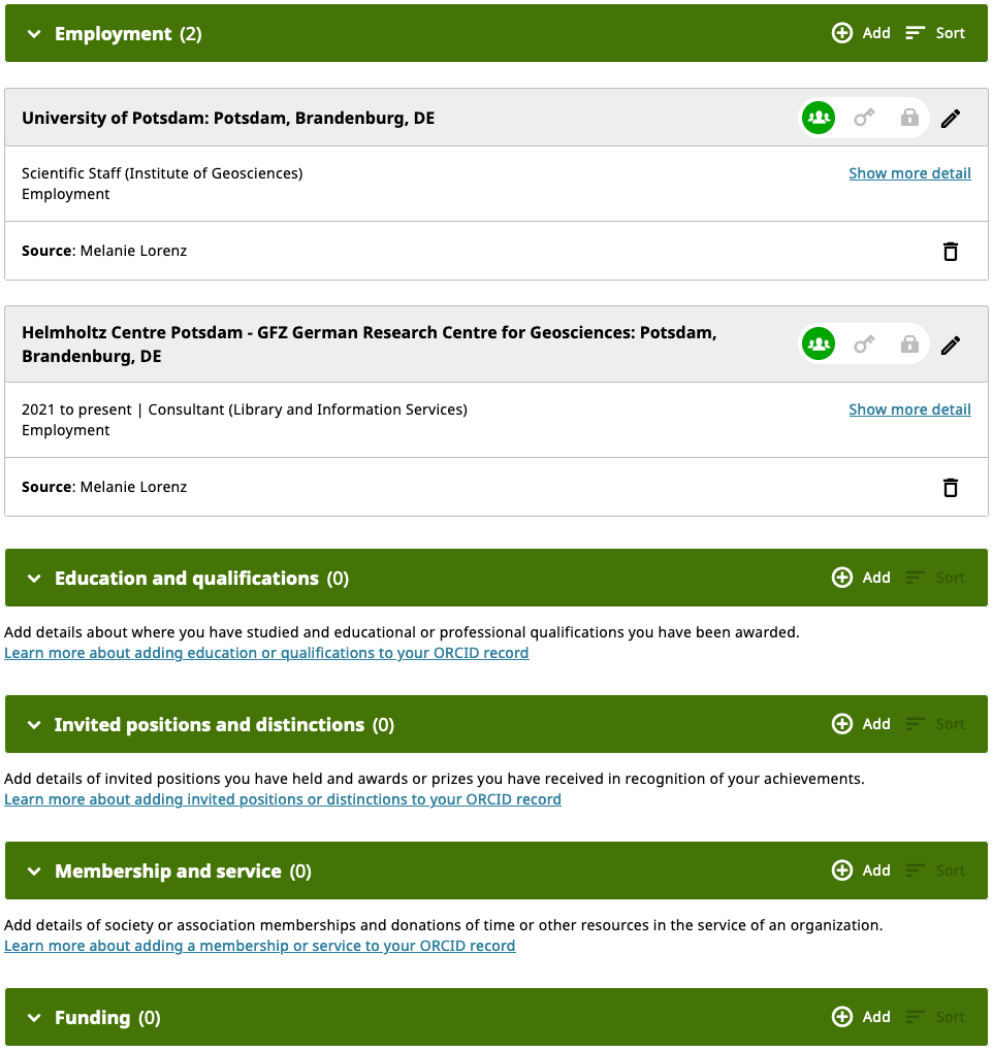
- free of charge for user
- Sustained by fees from >1200 member institutions
- Community-governed by a board of directors elected by the members

ORCID DE DFG funded project (since 2016) to promote ORCID in Germany

# Information on ORCID records

**Researchers can add:**

- Affiliations
- Publications
- Other outputs
- Professional activities
- Funding information
- Website URLs



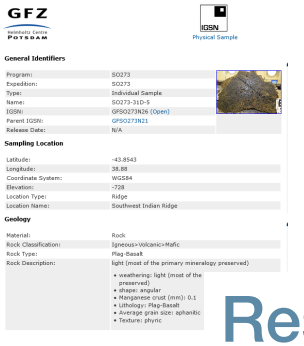
# What is the big benefit of an ORCID?

Connects research outputs with the researcher and increases the visibility of the research(er).

## Samples

Research Object

## Sample Description




## Research Data

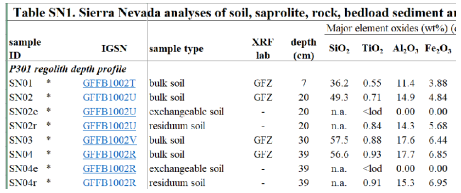


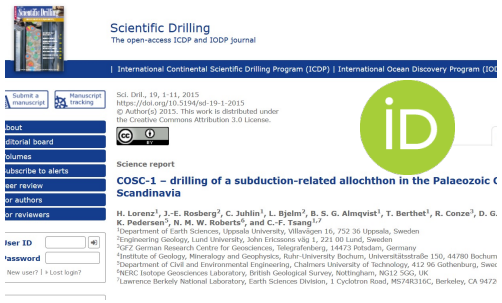
Table SN1. Sierra Nevada analyses of soil, saprolite, rock, bedload sediment a

| sample ID | | IGSN | sample type | XRF lab | depth (cm) | Major element oxides (wt%) ( SiO2 | TiO2 | Al2O3 | Fe2O3 |
|---|---|---|---|---|---|---|---|---|---|
| *P301 regolith depth profile* | | | | | | | | | |
| SN01 | * | GFFB1002T | bulk soil | GFZ | 7 | 36.2 | 0.55 | 11.4 | 3.88 |
| SN02 | * | GFFB1002U | bulk soil | GFZ | 20 | 49.3 | 0.71 | 14.9 | 4.84 |
| SN02e | * | GFFB1002U | exchangeable soil | - | 20 | n.a. | <lod | 0.00 | 0.00 |
| SN02r | * | GFFB1002U | residumm soil | - | 20 | n.a. | 0.84 | 14.3 | 5.68 |
| SN03 | * | GFFB1002V | bulk soil | GFZ | 30 | 57.5 | 0.88 | 17.6 | 6.44 |
| SN01 | * | GFFB1002R | bulk soil | GFZ | 39 | 56.6 | 0.93 | 17.7 | 6.85 |
| SN04e | * | GFFB1002R | exchangeable soil | - | 39 | n.a. | <lod | 0.00 | 0.00 |
| SN04r | * | GFFB1002R | residumm soil | - | 39 | n.a. | 0.91 | 15.3 | 6.95 |

(https://www.alamy.de/stockfoto-wissenschaftlerin-mit-lupe-163648035.html)

## Research Code/Software

## Research Articles



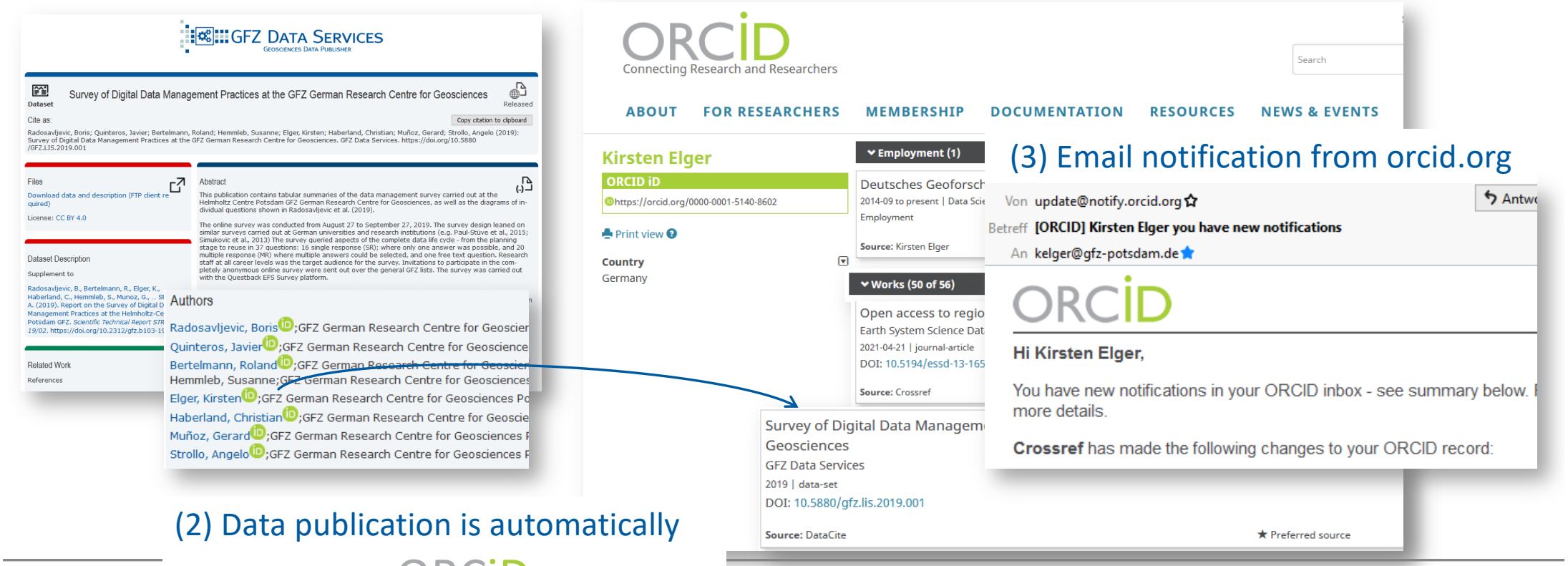
# How to make the most of your ORCID record.

What do I have to do to get the most of ORCID?

- Add your ORCID iD to every publication (text, data, software, …)

# How to make the most of your ORCID record.

## (1) Data publication with ORCID: authors are linked to ORCID profiles on DOI landing pages




## (2) Data publication is automatically included in the ORCID record

# How to make the most of your ORCID record.

What do I have to do to get the most of ORCID?

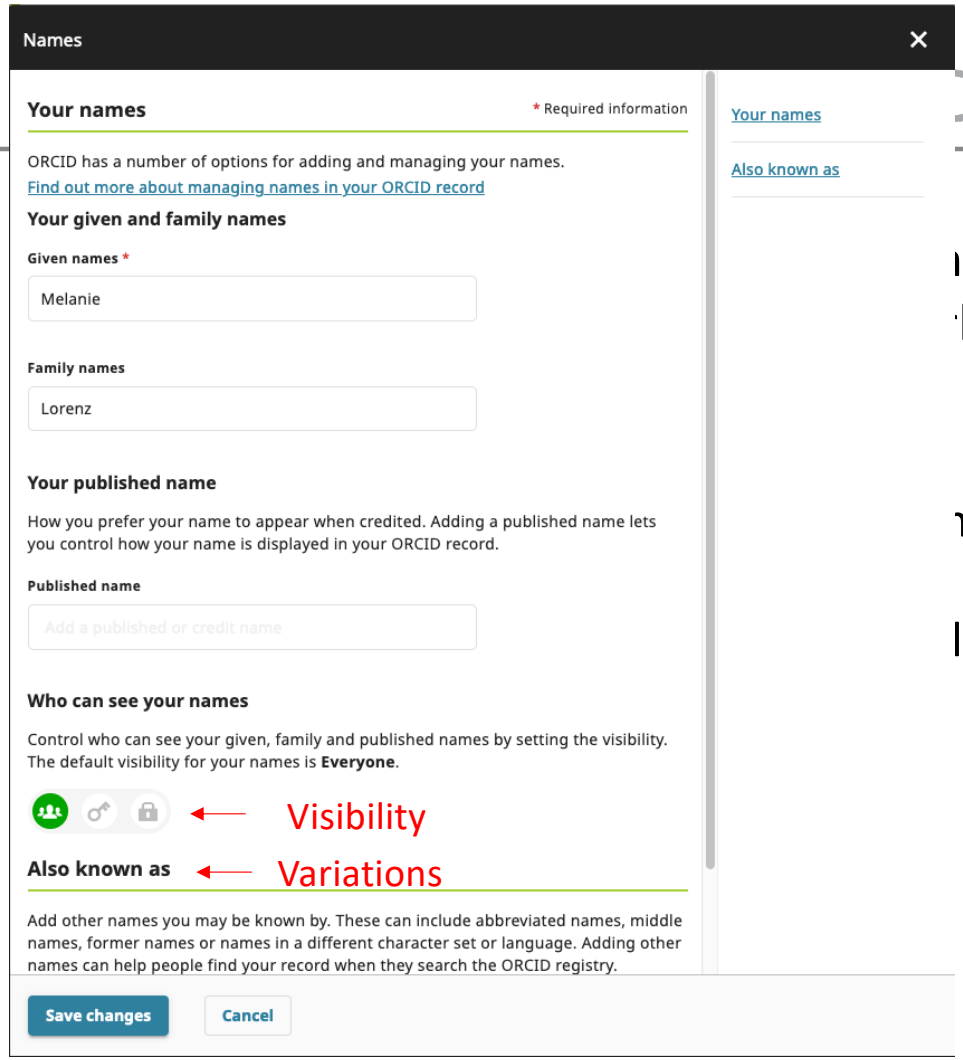
- Add your ORCID iD to every publication (text, data, software, …)
- Check your visibility settings in your ORCID profile
- Allow ORCID to automatically update your publication list

# How to make the most of your ORCID record.

A well-maintained ORCID not only enhances the visibility of the scientist and its work, it also immensely eases the workload of repository and journal curators.

Minimum visibility:

- full name (first name, last name; also known as)




iD record.

iances the visibility of the scientist and its
kload of repository and journal curators.

num visibility:

l name (first name, last name; also known as)

# How to make the most of your ORCID record.

A well-maintained ORCID not only enhances the visibility of the scientist and its work, it also immensely eases the workload of repository and journal curators.

Minimum visibility:

- full name (first name, last name; also known as)
- work (papers, book chapters, data, conference contributions, software)
  - You may set the visibility of each work individually

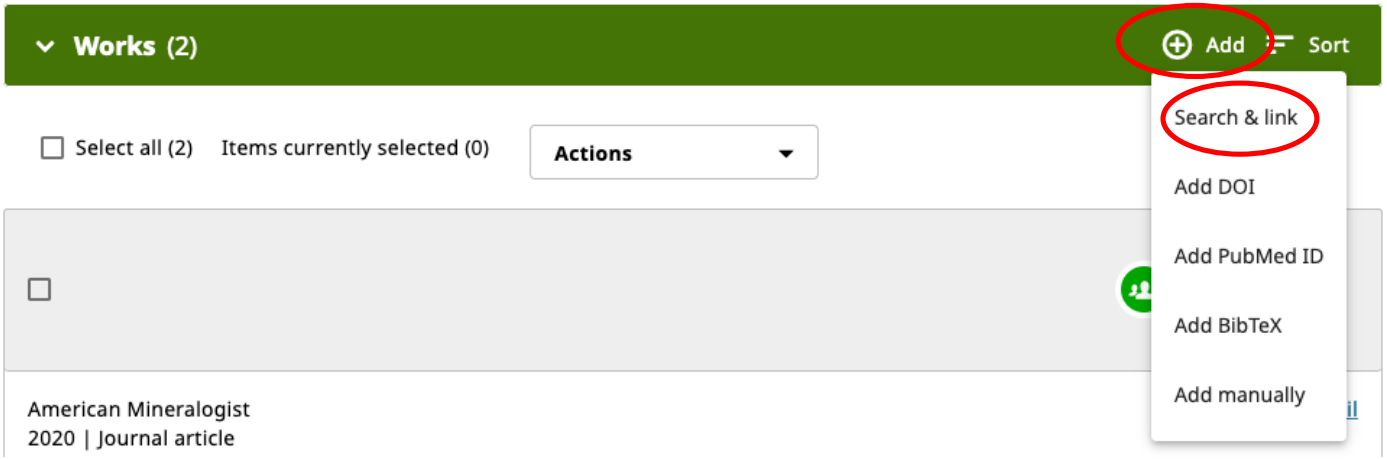
# How to make the most of your ORCID record.

**automatic integration** > by the DOI-registering organizations such as

Crossref

DataCite
CONNECTING RESEARCH, IDENTIFYING KNOWLEDGE

The settings for this can be made under 'Works' > 'Add+' > 'Search & Link' > e.g. 'DataCite' > 'Authorize access'.

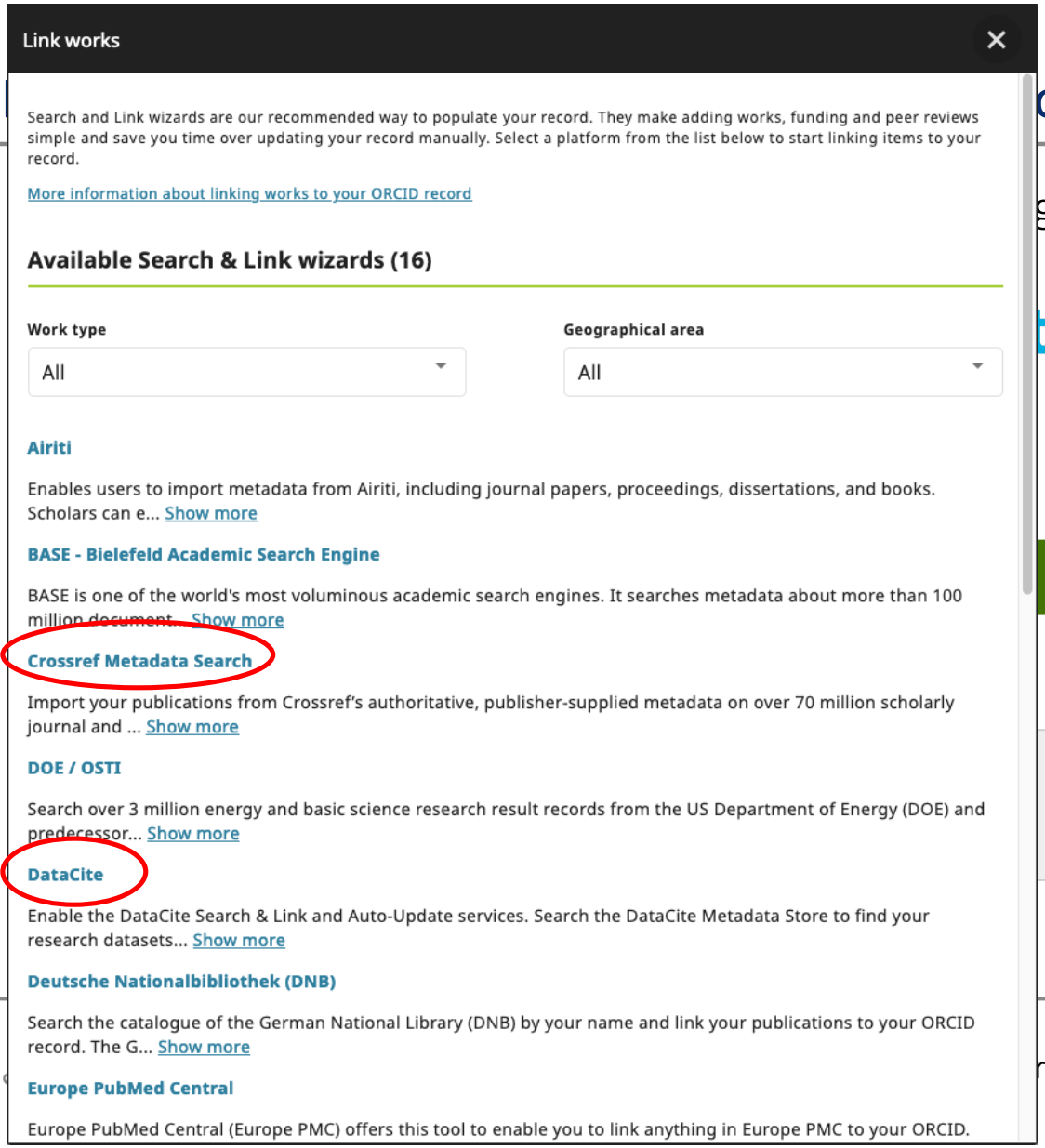


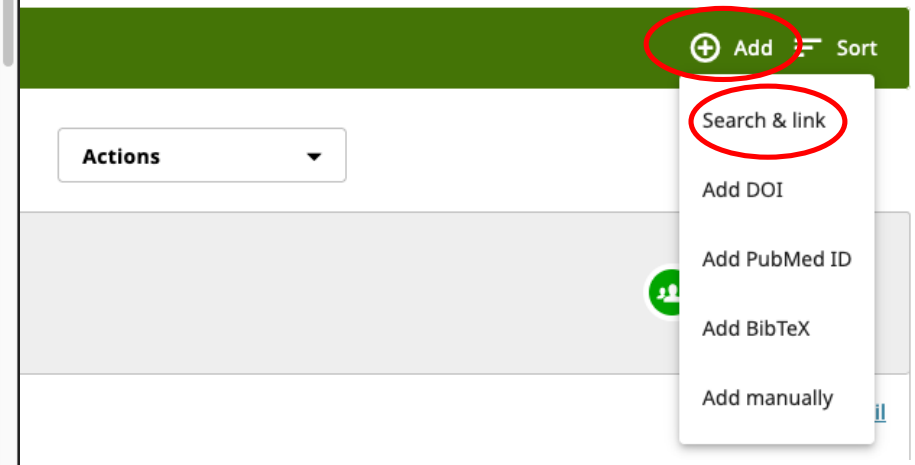
ord.

gistering organizations such as

taCite
CONNECTING RESEARCH,
IDENTIFYING KNOWLEDGE

'Add+' > 'Search & Link' > e.g. 'DataCite'




rary Shorts

bibliothek
WISSENSCHAFTSPARK ALBERT EINSTEIN

GFZ
Helmholtz-Zentrum
POTSDAM

# DataCite Profiles

## Settings

**ORCID ID** https://orcid.org/0000-0001-9496-342X
**Name** Melanie Lorenz

**Record** is public
**Auto-Update** is enabled

**Role** User

**ORCID Permissions** Delete ORCID token to no longer allow DataCite to update your ORCID record.

Delete ORCID Token

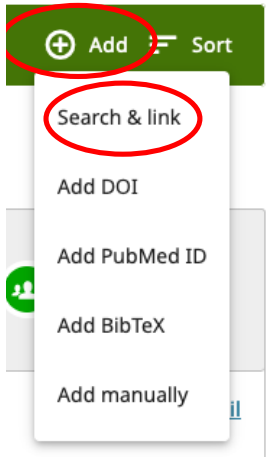
**ORCID Claims** 0 created | 0 deleted | 0 queued | 0 failed

**GitHub Permissions** Get GitHub token to allow DataCite to link your ORCID and GitHub accounts.

Get GitHub Token

Update

DataCite'




EINSTEIN

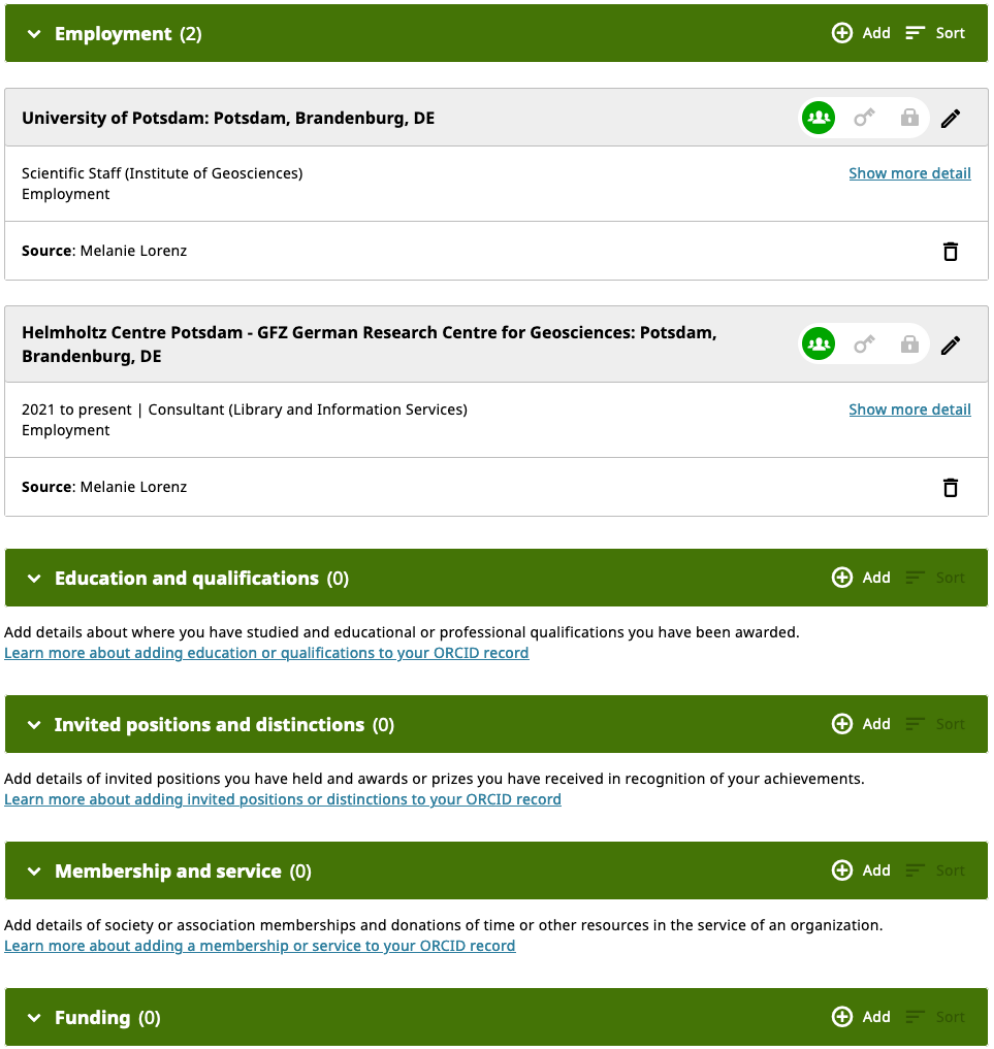
GFZ Helmholtz-Zentrum Potsdam

# How to make the most of your ORCID

ORCID function as a digital business card

> clear assignment + individual access to information about a researcher and his research

generate a matching QR code

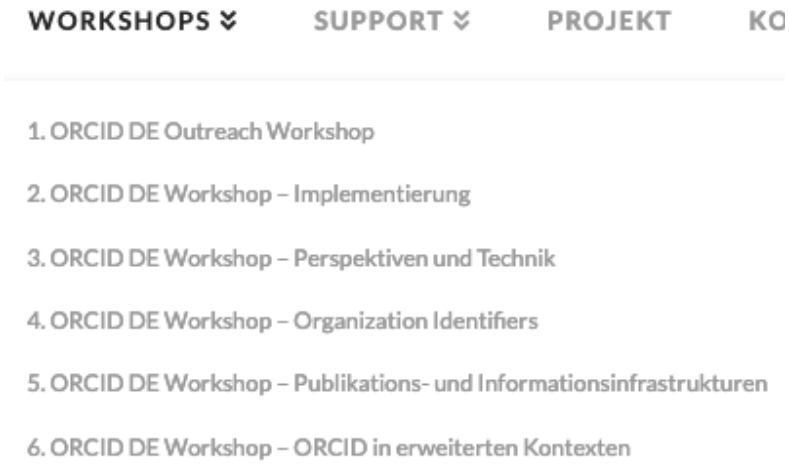


# Further Information

For more information on the optimal use of ORCID, we recommend a visit to the sites orcid.org with corresponding tutorial videos , ORCID-DE.org with very well documented workshops on the subject.

Find out about what ORCID is

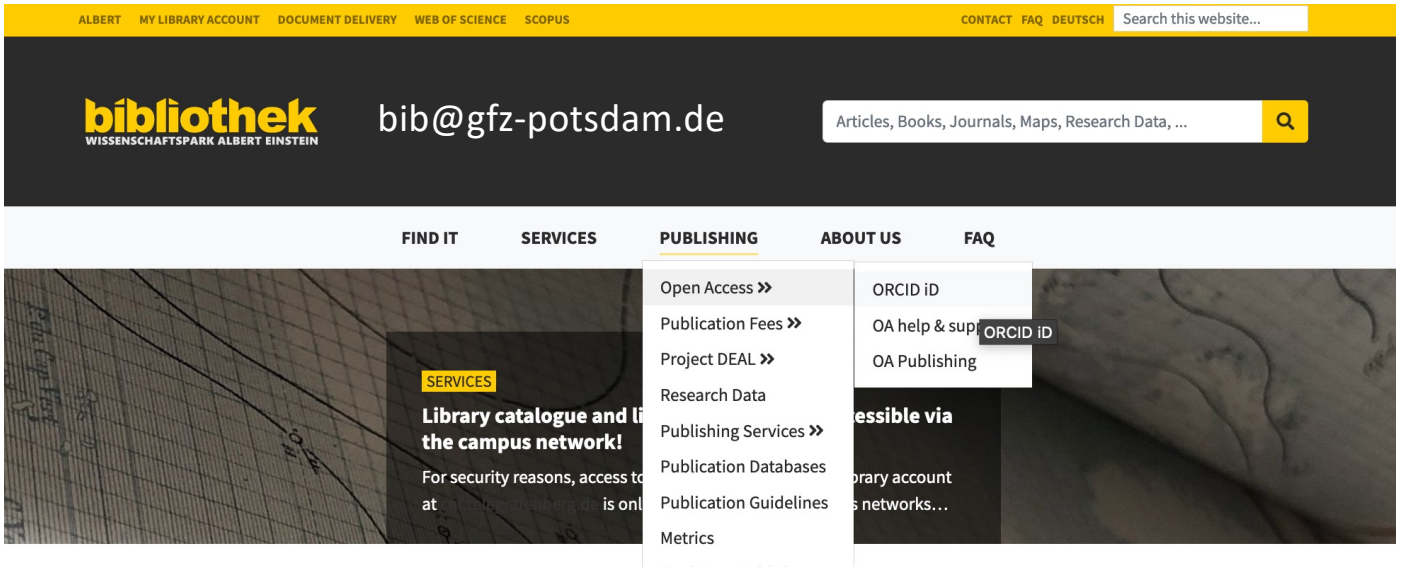
ORCID Set up tutorial series



# Further Information

Melanie Lorenz
melanie.lorenz@gfz-potsdam.de

Kirsten Elger
kelger@gfz-potsdam.de

FID GEO aktuell: Nutzungsempfehlung zu ORCID iD

DOI: https://doi.org/10.23689/fidgeo-5386