



How to make the most of your ORCID record

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



NIEDERSÄCHSISCHE STAATS- UND
UNIVERSITÄTSBIBLIOTHEK GÖTTINGEN



Melanie Lorenz, Kirsten Elger (15.11.2024) Library Shorts



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

General Identifiers

Program: 50273
 Expedition: 50273
 Type: Individual Sample
 Name: 50273-310-S
 IGSN: 0150273026 (Open)
 Parent IGSN: 0150273021
 Release Date: N/A

Sampling Location

Latitude: -43.3543
 Longitude: 38.88
 Coordinate System: WGS84
 Elevation: 1288
 Location Type: Ridge
 Location Name: Southwest Indian Ridge

Lithology

Material: Rock
 Risk Classification: Epsilon/alkalic/Mafic
 Rock Type: Plug/Block
 Rock Description: light (rest of the primary mineral assemblage)
 • weathering: light (rest of the mineral assemblage)
 • shape: angular
 • fragmentation: coarse (cm); 0.3
 • lithology: Plug/Block
 • mineral grain size: aphanitic
 • texture: phytic

Table SNI. Sierra Nevada analyses of soil, saprolite, rock, bedload sediment at

sample ID	IGSN	sample type	XRF lab	depth (cm)	Major element oxides (wt%) (
					SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃
<i>P301 regolith depth profile</i>								
SN01	* GFFB10021T	bulk soil	GFZ	7	36.2	0.55	11.4	3.88
SN02	* GFFB1002U	bulk soil	GIZ	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

Scientific Drilling
The open-access ICDP and IODP journal

International Continental Scientific Drilling Program (ICDP) | International Ocean Discovery Program (IODP)

Sci. Drill., 19, 1-11, 2015
 https://doi.org/10.5194/sdr-19-1-2015
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Science report
COSC-1 - drilling of a subduction-related allochthon in the Palaeozoic C Scandinavia

H. Lorenz¹, J.-E. Rosberg², C. Juhlin¹, L. Bjelme³, B. S. G. Almquist¹, T. Berthet⁴, R. Conze⁵, D. G. K. Pedersen⁶, M. M. W. Roberts⁷, and C.-F. Tsang^{1,7}

¹Department of Earth Sciences, Uppsala University, Villavägen 16, 752 36 Uppsala, Sweden
²Engineering Geology, Lund University, Sölvegsvägen 1, 221 80 Lund, Sweden
³GfZ German Research Center for Geosciences, Telegrafenberg, 14473 Potsdam, Germany
⁴Institute of Geology, Mineralogy and Geophysics, Ruhr University Bochum, Universitätsstraße 150, 44780 Bochum
⁵Department of Civil and Environmental Engineering, Chalmers University of Technology, 412 96 Gothenburg, Sweden
⁶NERC Isotope Geosciences Laboratory, British Geological Survey, Nottingham, NG12 5GG, UK
⁷Lamont-Doherty Earth Observatory, 61 Rte. 9W, Palisades, NY 10964, USA

(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

ORCID

Connecting Research
and Researchers

Why having an ORCID is a great idea – Solutions?



The Open Researcher and Contributor iDentifier

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

ORCID

Connecting Research
and Researchers

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

▼ **Employment (2)** ⊕ Add ☰ Sort

University of Potsdam: Potsdam, Brandenburg, DE 👤 🔗 🔒 ✎

Scientific Staff (Institute of Geosciences)
Employment [Show more detail](#)

Source: Melanie Lorenz 🗑️

Helmholtz Centre Potsdam - GFZ German Research Centre for Geosciences: Potsdam, Brandenburg, DE 👤 🔗 🔒 ✎

2021 to present | Consultant (Library and Information Services)
Employment [Show more detail](#)

Source: Melanie Lorenz 🗑️

▼ **Education and qualifications (0)** ⊕ Add ☰ Sort

Add details about where you have studied and educational or professional qualifications you have been awarded.
[Learn more about adding education or qualifications to your ORCID record](#)

▼ **Invited positions and distinctions (0)** ⊕ Add ☰ Sort

Add details of invited positions you have held and awards or prizes you have received in recognition of your achievements.
[Learn more about adding invited positions or distinctions to your ORCID record](#)

▼ **Membership and service (0)** ⊕ Add ☰ Sort

Add details of society or association memberships and donations of time or other resources in the service of an organization.
[Learn more about adding a membership or service to your ORCID record](#)

▼ **Funding (0)** ⊕ Add ☰ Sort

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

GFZ
Geoforschungszentrum
Potsdam

General Identifiers

Program: S0273
 Expedition: S0273
 Type: Individual Sample
 Name: S0273-210-5
 IGSN: GFS0273K25 (Open)
 Release Date: GFS0273K11
 Release Date: N/A

Sampling Location

Latitude: +43.8543
 Longitude: 38.481
 Coordinate System: WGS84
 Elevation: 759
 Location Type: Ridge
 Location Name: Southwest Indian Ridge

Geology

Material: Rock
 Rock Classification: Igneous/Volcanic/Mafic
 Rock Type: Plug Scaev
 Rock Description: Light (most of the primary mineralogy preserved)

- weathering: light (most of the preserved)
- mineral assemblage
- Magnetite (and Crstl.) 0.1
- Magnetite (and Crstl.) 0.1
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Sample
Description

Research Data

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

sample ID	IGSN	sample type	XRF lab	depth (cm)	Major element oxides (wt%) ¹			
					SiO ₂	TiO ₂	Al ₂ O ₃	Fe ₂ O ₃
<i>P301 regolith depth profile</i>								
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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



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

Research Code/Software



Research Articles

Scientific Drilling
The open-access ICDP and IODP Journal

International Continental Scientific Drilling Program (ICDP) | International Ocean Discovery Program (IODP)

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Sci. Drill., 19, 1-11, 2015
<https://doi.org/10.5194/sd-19-1-2015>
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Science report
COSC-1 – drilling of a subduction-related allocthon in the Palaeozoic Scandinavia

H. Lorenz^{1,2}, E. Rosberg³, C. Jublin⁴, L. Bjelan⁵, B. S. G. Almquist⁶, T. Berthel⁷, R. Conzel⁸, D. G. K. Pedersen⁹, M. W. Roberts¹⁰, and C.-E. Tsang¹¹

¹Department of Earth Sciences, Uppsala University, Villavägen 16, 752 30 Uppsala, Sweden
²Engineering Geology, Lund University, John Ericsons väg 1, 221 00 Lund, Sweden
³GFZ German Research Centre for Geosciences, Telegrafenberg, 14473 Potsdam, Germany
⁴Institute of Geology, Mineralogy and Geophysics, Ruhr-University Bochum, Universitätsstrasse 150, 44780 Bochum
⁵Department of Civil and Environmental Engineering, Chalmers University of Technology, 412 96 Gothenburg, Sweden
⁶MEDC Isotopic Geochemistry Laboratory, British Geological Survey, Nottingham, NG2 2 9GG, UK
⁷Lawrence Berkeley National Laboratory, Earth Sciences Division, 1 Cyclotron Road, MS79R316C, Berkeley, CA 94720



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

GFZ DATA SERVICES
GEOSCIENCES DATA PUBLISHER

Dataset
Survey of Digital Data Management Practices at the GFZ German Research Centre for Geosciences

Cite as
Radosavljevic, Boris; Quinteros, Javier; Bertelmann, Roland; Hemmleb, Susanne; Elger, Kirsten; Haberland, Christian; Muñoz, Gerard; Strollo, Angelo (2019): Survey of Digital Data Management Practices at the GFZ German Research Centre for Geosciences. GFZ Data Services. <https://doi.org/10.5880/GFZ.LIS.2019.001>

Files
Download data and description (FTP client required)
License: CC BY 4.0

Dataset Description
Supplement to
Radosavljevic, B., Bertelmann, R., Elger, K., Haberland, C., Hemmleb, S., Muñoz, G., ... St A. (2019). Report on the Survey of Digital Data Management Practices at the Helmholtz-Ce Potsdam GFZ. Scientific Technical Report 578 19/02. <https://doi.org/10.2312/gfz.b103-19>

Related Work
References

Authors
Radosavljevic, Boris; GFZ German Research Centre for Geosciences
Quinteros, Javier; GFZ German Research Centre for Geosciences
Bertelmann, Roland; GFZ German Research Centre for Geosciences
Hemmleb, Susanne; GFZ German Research Centre for Geosciences
Elger, Kirsten; GFZ German Research Centre for Geosciences
Haberland, Christian; GFZ German Research Centre for Geosciences
Muñoz, Gerard; GFZ German Research Centre for Geosciences
Strollo, Angelo; GFZ German Research Centre for Geosciences

(2) Data publication is automatically

included in the ORCID record

Melanie Lorenz, Kirsten Elger (15.11.2024) Library Shorts

ORCID
Connecting Research and Researchers

ABOUT FOR RESEARCHERS MEMBERSHIP DOCUMENTATION RESOURCES NEWS & EVENTS

Kirsten Elger
ORCID iD
<https://orcid.org/0000-0001-5140-8602>

Print view

Country
Germany

Employment (1)
Deutsches Geoforschungszentrum
2014-09 to present | Data Set
Employment
Source: Kirsten Elger

Works (50 of 56)
Open access to regional Earth System Science Data
2021-04-21 | Journal-article
DOI: 10.5194/essd-13-165
Source: Crossref

Survey of Digital Data Management Practices at the GFZ German Research Centre for Geosciences
GFZ Data Services
2019 | data-set
DOI: 10.5880/gfz.lis.2019.001
Source: DataCite

(3) Email notification from orcid.org

Von update@notify.orcid.org

Betreff **[ORCID] Kirsten Elger you have new notifications**

An kelger@gfz-potsdam.de

ORCID

Hi Kirsten Elger,

You have new notifications in your ORCID inbox - see summary below. For more details.

Crossref has made the following changes to your ORCID record:

How to make the most of your ORCID record.

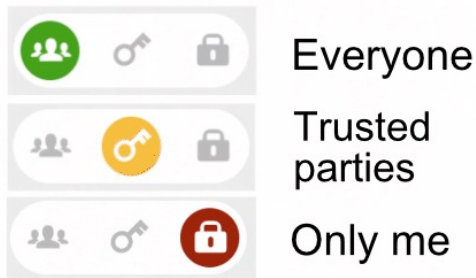
What do I have to do to get the most of ORCID?

- 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.

Who can see this?



Minimum visibility:

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

Names [X]

Your names * Required information

ORCID has a number of options for adding and managing your names.
[Find out more about managing names in your ORCID record](#)

Your given and family names

Given names *

Family names

Your published name

How you prefer your name to appear when credited. Adding a published name lets you control how your name is displayed in your ORCID record.

Published name

Who can see your names

Control who can see your given, family and published names by setting the visibility. The default visibility for your names is **Everyone**.

← Visibility

← Variations

Also known as

Add other names you may be known by. These can include abbreviated names, middle names, former names or names in a different character set or language. Adding other names can help people find your record when they search the ORCID registry.

iD record.

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

um visibility: 

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

Names [edit icon]

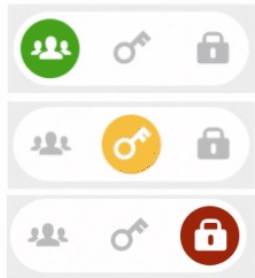
Name
 Melanie Lorenz



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.

Who can see this?



Everyone

Trusted parties

Only me

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



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

The screenshot shows the ORCID 'Works' management interface. At the top, there is a green header bar with a dropdown arrow, 'Works (2)', and buttons for '+ Add' and 'Sort'. Below the header, there is a selection area with a checkbox for 'Select all (2)', 'Items currently selected (0)', and an 'Actions' dropdown menu. The main content area shows a list of works, with one entry visible: 'American Mineralogist 2020 | Journal article'. A context menu is open over the 'Add' button, listing options: 'Search & link', 'Add DOI', 'Add PubMed ID', 'Add BibTeX', and 'Add manually'. The 'Search & link' option is circled in red.

Link works [X]

Search and Link wizards are our recommended way to populate your record. They make adding works, funding and peer reviews simple and save you time over updating your record manually. Select a platform from the list below to start linking items to your record.

[More information about linking works to your ORCID record](#)

Available Search & Link wizards (16)

Work type: All [v] Geographical area: All [v]

Airiti
Enables users to import metadata from Airiti, including journal papers, proceedings, dissertations, and books. Scholars can e... [Show more](#)

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 document... [Show more](#)

Crossref Metadata Search
Import your publications from Crossref's authoritative, publisher-supplied metadata on over 70 million scholarly journal and ... [Show more](#)

DOE / OSTI
Search over 3 million energy and basic science research result records from the US Department of Energy (DOE) and predecessor... [Show more](#)

DataCite
Enable the DataCite Search & Link and Auto-Update services. Search the DataCite Metadata Store to find your research datasets... [Show more](#)

Deutsche Nationalbibliothek (DNB)
Search the catalogue of the German National Library (DNB) by your name and link your publications to your ORCID record. The G... [Show more](#)

Europe PubMed Central
Europe PubMed Central (Europe PMC) offers this tool to enable you to link anything in Europe PMC to your ORCID.

ord.

registering organizations such as

DataCite

CONNECTING RESEARCH,
IDENTIFYING KNOWLEDGE

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

[+ Add] [Sort]

Actions [v]

- Search & link
- Add DOI
- Add PubMed ID
- Add BibTeX
- Add manually

rary Shorts

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.
[id | 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'

[+](#) [Add](#) [Sort](#)

- [Search & link](#)
- [Add DOI](#)
- [Add PubMed ID](#)
- [Add BibTeX](#)
- [Add manually](#)



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



▼ **Employment (2)** ⊕ Add ≡ Sort

University of Potsdam: Potsdam, Brandenburg, DE 👤 🔑 🔒 ✎

Scientific Staff (Institute of Geosciences)
Employment [Show more detail](#)

Source: Melanie Lorenz 🗑️

Helmholtz Centre Potsdam - GFZ German Research Centre for Geosciences: Potsdam, Brandenburg, DE 👤 🔑 🔒 ✎

2021 to present | Consultant (Library and Information Services)
Employment [Show more detail](#)

Source: Melanie Lorenz 🗑️

▼ **Education and qualifications (0)** ⊕ Add ≡ Sort

Add details about where you have studied and educational or professional qualifications you have been awarded. [Learn more about adding education or qualifications to your ORCID record](#)

▼ **Invited positions and distinctions (0)** ⊕ Add ≡ Sort

Add details of invited positions you have held and awards or prizes you have received in recognition of your achievements. [Learn more about adding invited positions or distinctions to your ORCID record](#)

▼ **Membership and service (0)** ⊕ Add ≡ Sort

Add details of society or association memberships and donations of time or other resources in the service of an organization. [Learn more about adding a membership or service to your ORCID record](#)

▼ **Funding (0)** ⊕ Add ≡ Sort

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

WORKSHOPS ▾ SUPPORT ▾ PROJEKT KO

1. ORCID DE Outreach Workshop
2. ORCID DE Workshop – Implementierung
3. ORCID DE Workshop – Perspektiven und Technik
4. ORCID DE Workshop – Organization Identifiers
5. ORCID DE Workshop – Publikations- und Informationsinfrastrukturen
6. ORCID DE Workshop – ORCID in erweiterten Kontexten

Further Information



Melanie Lorenz

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Kirsten Elger

kelger@gfz-potsdam.de

FID GEO aktuell: Nutzungsempfehlung zu ORCID iD

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

