

INFORMATION SHEET ON OPEN RESEARCHER AND CONTRIBUTOR ID

ORCID

Project: Across – European Cross-border University of Knowledge Sharing

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Title: Information Sheet on ORCID

Type of nature of the document: Guidance on the purpose and benefits of having an ORCID iD - a unique, persistent identifier for researchers and contributors. This document outlines how ORCID helps distinguish individuals with similar names, ensures proper attribution of work, and supports transparency in scholarly communication. The sheet also describes how to register for an ORCID iD, how it integrates with publishing and funding systems, and how researchers can manage their profiles.

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Introduction

Open Researcher and Contributor ID (ORCID) is an internationally recognized unique identifier for scientific authors and contributors. ORCID is free of charge to researchers. The ID plays a crucial role in academic research by ensuring accurate attribution of scholarly work. ORCID helps researchers, institutions, and publishers streamline research tracking and management. This document outlines the significance of ORCID for institutions and researchers, its utilities, and its advantages.

Use for Institutions

Academic institutions greatly benefit from the adoption of ORCID. Universities, research organizations, and funding agencies use ORCID to:

- Ensure accurate and consistent attribution of research output to affiliated researchers.
- Improve tracking of institutional research impact and productivity.
- Facilitate integration with digital repositories, research information systems, and publication databases.
- Streamline administrative processes, reducing errors and redundancy in researcher records.
- Enhance visibility and credibility of institutional research by ensuring correct author identification.

Utilities of ORCID

ORCID serves multiple purposes in the research ecosystem, including:

- **Persistent Digital Identity:** ORCID provides a lifelong, unique identifier that distinguishes researchers from others with similar names.
- **Integration with Research Platforms:** ORCID integrates with multiple databases, such as Scopus, Web of Science, and institutional repositories, ensuring seamless synchronization of research outputs.
- **Grant and Funding Applications:** Many funding agencies require ORCID IDs for grant applications, making it easier to track research funding and its outcomes.

- **Automated Research Record Updates:** ORCID allows automatic updates of publication records, reducing the burden of manual data entry.
- **Collaboration and Networking:** ORCID fosters collaboration by enabling researchers to easily showcase their contributions across different institutions and disciplines.
- **Disambiguation:** ORCID eliminates name confusion by providing a unique identifier for each researcher.
- **Improved Research Visibility:** Researchers with ORCID IDs are more discoverable in academic databases and search engines.
- **Enhanced Credibility:** A verified ORCID profile enhances a researcher's academic reputation by providing a transparent record of their contributions.
- **Greater Administrative Efficiency:** ORCID simplifies workflows related to research evaluation, funding applications, and journal submissions.
- **Interoperability:** ORCID integrates with multiple research management systems, ensuring seamless data transfer and reducing duplication of effort.

Advantages for researchers

ORCID - Open Researcher and Contributor ID

ORCID is a global, not-for-profit organization sustained by fees from member organizations. Currently ORCID has **1,447 institutional members** within **61 countries** (source: <https://orcid.org/members>) (as of: ...).

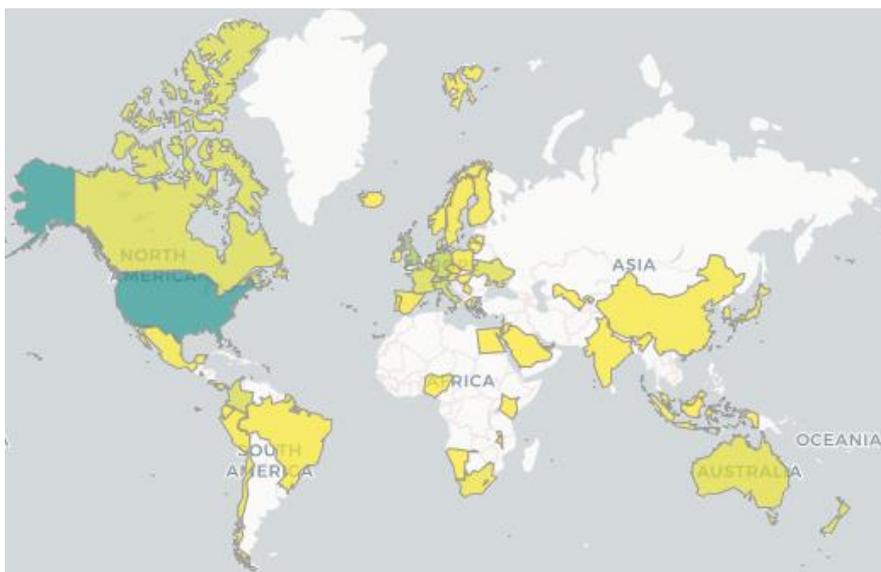


Figure 1: countries with ORCID member organizations (source: <https://info.orcid.org/resources/orcid-statistics/>)

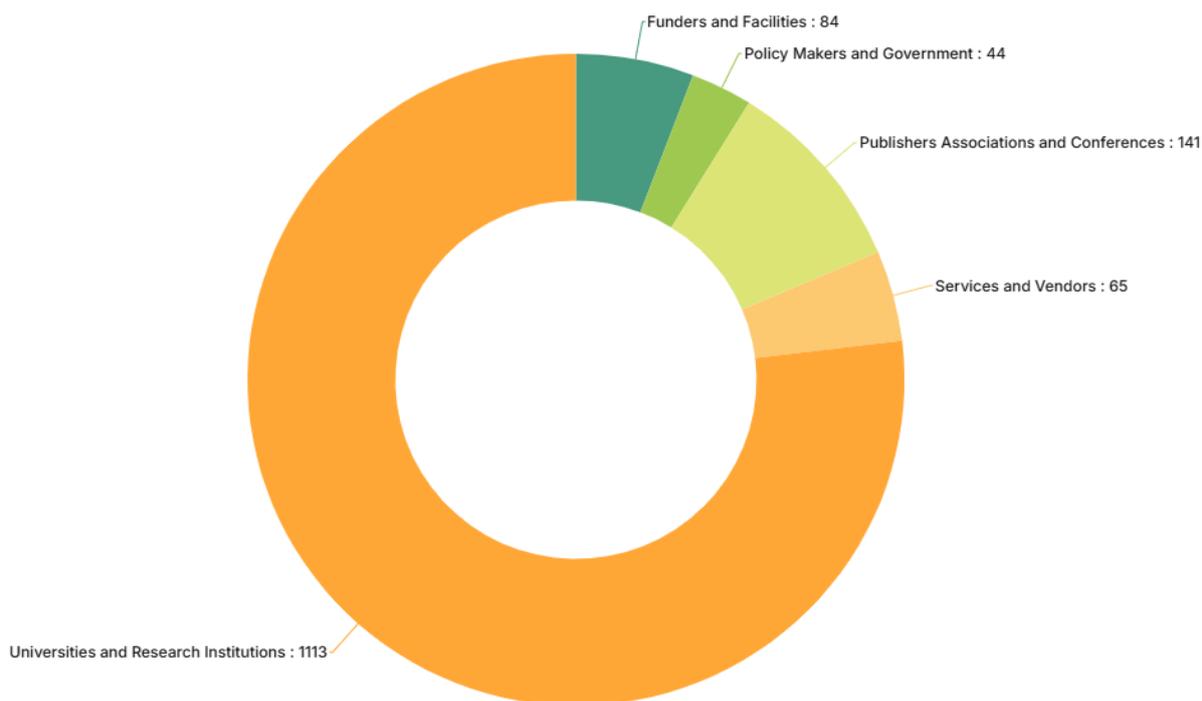


Figure 2: profiles of the ORCID members (source: <https://info.orcid.org/resources/orcid-statistics/>)

ORCID in literature and citation databases, <https://www.ub.tum.de/welche-vorteile-bietet-ihnen-die-orcid-id>.

In case of consent of the researcher, her/his publication list will be synchronized with his/her ResearcherID:

<<https://webofscience.help.clarivate.com/Content/wos-researcher-id.htm>>and
Scopus<<https://www.scopus.com/feedback/author/home.uri>>

and complemented automatically by new publications via:

Crossref<<https://www.crossref.org/community/orcid/>>and
Datacite<<https://profiles.datacite.org/>>

The ACROSS partners which are also members of ORCID are:

University of Udine (connects to ORCID via the CINECA Hub)

As regards the users, currently **9.20 million researchers** have an ORCID iD.

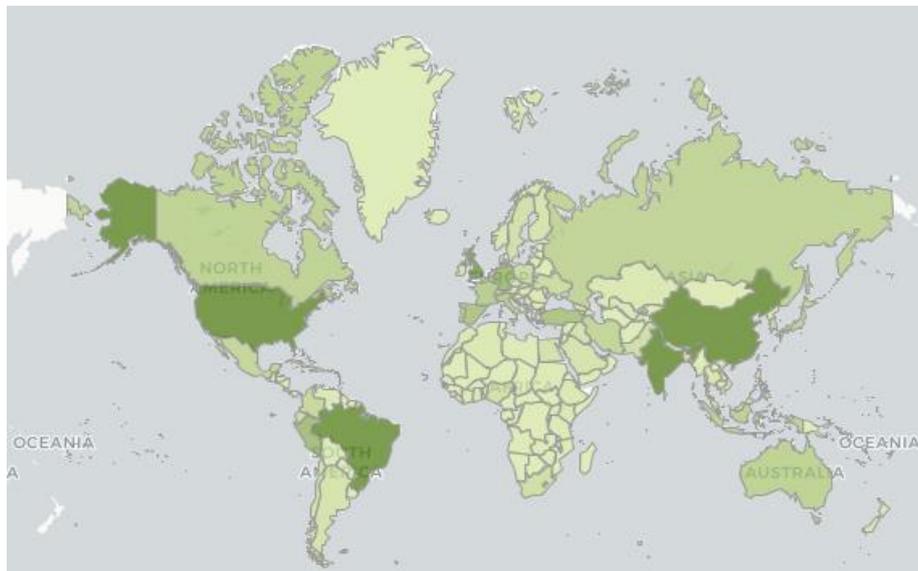


Figure 3: global distribution of the researchers with an ORCID iD

Within the countries of the ACROSS alliance the researchers with an ORCID iD are
(source: <https://info.orcid.org/resources/orcid-statistics/>):

The ORCID's objective is to promote the maximum connection among researchers of different disciplines and countries in R&I and scholarship.

At this aim ORCID provides a unique, persistent identifier for individuals to use as they engage in research, scholarship, and innovation activities: the ORCID iD.

The ORCID makes available contributions and affiliations of all the registered researchers to boost their connections on a global scale.

The main ORCID records are funding items (e.g. grants), peer review items (e.g. publications), key dates, works, research resources, personal activities, education and qualification.

Information for users

The creation of an ORCID account is for free and an individual researcher can register himself although his organization is not a member of ORCID.

The link to create the ORCID iD is: <https://orcid.org/register>

The main information required to create the ORCID iD are: name and family name, email address, affiliation organization.

Each researcher can choose the own visibility settings:

- 1) everyone (everyone can see the information, 87% of users choose this option)
- 2) trusted parties (under given permission, 5% of users choose this option)
- 3) only me (private profile, 8% of users choose this option).

The ORCID iD is an https URI with a 16-digit number that is compatible with the ISO Standard (ISO 27729), also known as the International Standard Name Identifier (ISNI).

Example of ORCID iD of a fictitious person: <https://orcid.org/0000-0002-1825-0097>

After creating the account, the researcher could populate manually his/her records in the ORCID profile or could insert his/her own ORCID iD in another organization's system to grant permission to that organization to interact with the ORCID account. In the second case the organization becomes a trusted organization and the ORCID records are automatically updated.

ORCID counts validated and self-asserted items separately. Validated items are those added by a trusted ORCID member organization (e.g. a publisher, funder or research institution). Self-asserted items are those that have been manually added to the record by the record owner.

Tutorials for creating and using an ORCID iD:

<https://info.orcid.org/researchers/>

<https://info.orcid.org/researchers/#why>

<https://www.youtube.com/watch?v=rFpgseSN7kE>

<https://support.orcid.org/hc/en-us/articles/360006897454-How-do-I-register-for-an-ORCID-ID>

The main advantages for the ORCID's use are:

- 1) More time for research: by allowing trusted organizations to add your research information to your ORCID record, you can spend more time conducting your research and less time managing it
- 2) Reduced admin burden: manuscript submission or grant application forms can be auto-populated when the researcher logs into systems with his/her own ORCID iD (e.g. NIH Biosketch, ScienCV, CiènciaVitaе, Portuguese FCT, and OJS)
- 3) Portable profile data: it is possible to share data between record and an increasing number of funding, publications, data repositories, and other research workflows.

Information for membership

The ORCID's membership fees are designed to ensure the financial sustainability of the tool. The fee is differentiated according to the size of the member organization and the member benefits offered. The fee is not discounted or negotiated with individual organizations.

The link to require the membership is: <https://info.orcid.org/become-a-member/>.

The main information required are: legal name of the organization, country and address, contact person, type of organization and workflow most likely used to integrate with ORCID: publishing (e.g. submission or peer review workflow), funding (e.g. grant application or review), CRS/RIMs (e.g. research information management workflow), repository, research resource.