

Introduction to Types and Value of Persistent Identifiers (PIDs)

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Persistent identifiers (PIDs)

PIDs

What is a persistent identifier (PID)?

<https://doi.org/10.34848/GJO6SY>

Unique alphanumeric string referring to a digital resource.



<https://research-data.urosario.edu.co/dataset.xhtml?persistentId=doi:10.34848/GJO6SY>

*Always points to the same resource
(a metadata representation)*

DOIs for research outputs and resources

<https://doi.org/10.5281/zenodo.3630248>



ORCID iDs for researchers

<https://orcid.org/0000-0001-6622-4910>



ROR IDs for research organizations

<https://ror.org/01y2jtd41>



PIDs for people, places and things

**PIDs for people (researchers)
include ISNI and ORCID**



<https://orcid.org/0000-0001-6622-4910>



**PID for places (research
institutions) include ROR**



<https://ror.org/01y2jtd41>



**PIDs for things (research outputs and
resources) include DOIs, handles, IGSN,
ARK and more**



<https://doi.org/10.5061/dryad.708gr>



PIDs for people



[https://orcid.org/
0000-0002-2691-0630](https://orcid.org/0000-0002-2691-0630)

Websites & social links >

<https://www.facebook.com/amal.amin.71/about>

https://www.facebook.com/wiswbinitiative/?ref=pages_you_manage

<https://www.linkedin.com/in/amal-amin-00407980/>

Other IDs >

Scopus Author ID: 9248725700

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 Printable version

Name

Amal Amin

Biography

Dr. Amal Amin is a professor for polymers/ nanotechnology at national research center-Egypt. She studied in, worked at and travelled to +30 countries including Germany (PhD-DAAD), USA, France, etc. She has distinguished scientific achievements including publications, projects, teaching, awards, etc. She was cofounder and executive committee member of the global and Egyptian young academies (GYA, EYAS). She was president, cofounder and coordinator of the Egyptian society and Arab network for advanced materials and nanotechnology. She was TWAS young affiliate, TWAS-AAAS science diplomacy alumni and member of TWAS-TYAN and other reputable organizations. She actively participated at meetings of WEF, IAP, TWAS, GYA, WSF, AAAS, UNESCO, INGSA, NASAC, etc. She is a founding chair of women in science without borders' (WISWB) initiative, World forum for women in science series and youth science forum. In December 2020, she cofounded Northern African Research and Innovation Management Association (NARIMA) initiative. Dr Amal is a founder for science diplomacy for the future initiative (2021) and executive committee member of (science in Exile) which is a global initiative to support refugee scientists and at-risk scholars. In 2021, Dr Amal has received outstanding women in tech award of Africa (Africa) and the award of science by women provided by women for Africa foundation (Spain). Recently, in 2021, Dr Amal has been selected in catalyst 2030 global initiative. In 2021, Dr Amal was selected as member of board of directors of ORCID. Dr Amal achievements were featured in women in science-inspiring stories from Africa (NASAC-IAP-2017), SAYAS Success stories of young scientists (2016), scientific African (2019), nature (2020), the next truth (2018, 2020), NASAC book on (Women and sustainable development in Africa-2020), Royal society for chemistry (2020), and others. Dr Amal has several scientific and societal activities on national and international levels. She is especially interested in science communication, simplified science, increasing public awareness/literacy for science, science advice/diplomacy, innovation, science policy, science education, etc.

PIDs for organisations

 <https://ror.org/03q21mh05>

Cairo University

ORGANIZATION TYPE

Education

OTHER NAMES

King Fuad I University, Université du Caire, جامعة القاهرة

WEBSITE

<http://cu.edu.eg/Home>

LOCATION

Giza (GeoNames ID [360995](#))

Egypt

OTHER IDENTIFIERS

GRID [grid.7776.1](#)

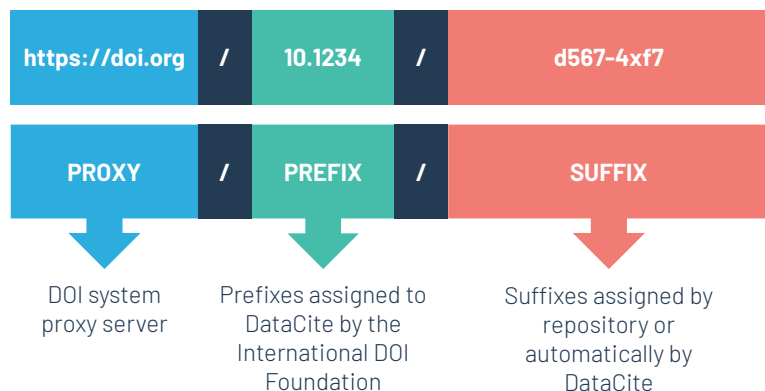
ISNI [0000 0004 0639 9286](#)

Crossref Funder ID [501100002386](#)

Wikidata [Q194445](#)

Digital Object Identifier (DOI)

Structure



Designing your own suffix:

- Avoid semantic information
- Make them simple and unique
- 0-9; a-z; A-Z; -(dash); .(dot);
_(underscore); : (colon) and / (slash)
- Case insensitive

Resource Types in DataCite Registry



| | |
|----------------------|------------|
| Dataset | 16,200,197 |
| Physical Object | 14,098,123 |
| Text | 11,966,471 |
| Image | 4,137,380 |
| Other | 2,396,391 |
| Journal Article | 1,125,328 |
| Preprint | 1,115,782 |
| Collection | 977,478 |
| Software | 451,102 |
| Audiovisual | 346,942 |
| Interactive Resource | 127,466 |

| | |
|--|---------|
| <input type="checkbox"/> Dissertation | 120,391 |
| <input type="checkbox"/> Report | 115,543 |
| <input type="checkbox"/> Project | 101,985 |
| <input type="checkbox"/> Conference Paper | 87,841 |
| <input type="checkbox"/> Book | 83,956 |
| <input type="checkbox"/> Sound | 52,004 |
| <input type="checkbox"/> Book Chapter | 34,323 |
| <input type="checkbox"/> Event | 19,157 |
| <input type="checkbox"/> Data Paper | 15,632 |
| <input type="checkbox"/> Model | 14,638 |
| <input type="checkbox"/> Workflow | 5,931 |
| <input type="checkbox"/> Output Management Plan | 3,391 |

Value of PIDs

PIDs help in

- Improving the **visibility** and **discoverability**
- Enhancing the **accessibility** of your outputs
- Making your research datasets **FAIR**
- Recognising for **all** your research outputs beyond the journal article
- Increasing **citations**
- Connecting your research outputs and resources with the **global ecosystem**
- Increasing the **impact** of your institution
- Promoting **Open Research** practices & FAIR Principles

A diagram consisting of a light gray scroll with a dark blue title, a large gray arrow pointing downwards, and an orange rounded rectangle containing explanatory text.

Persistent Identifiers in Research Workflows

Implementing PIDs in research workflows can enhance the visibility and accessibility of research outputs within the **Open Research** framework. This practice promotes more **transparency, collaboration and trust** in the research ecosystem.

Thank you! Questions?





CONNECTING RESEARCH,
IDENTIFYING KNOWLEDGE



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blog.datacite.org



support.datacite.org
support@datacite.org



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