



Making research better by enabling people
to find, share, use, and cite data

Mission

- DataCite was founded in 2009 as an international organisation which aims to:
 - establish easier access to research data
 - increase acceptance of research data as legitimate contributions in the scholarly record
 - support data archiving to permit results to be verified and re-purposed for future study

Principles

- Our purpose is to develop and support methods to locate, identify and cite data and other research objects
- Through collaboration, we:
 - support **researchers** by helping them to find, identify, and cite research data and other research objects with confidence
 - support **data centres** by providing persistent identifiers for datasets, workflows and standards for data publication
 - support **journal publishers** by enabling research articles to be linked to the underlying data/objects

Our structure

- DataCite has 40 members and more than 800 data centers around the world
 - Allocating members: they allocate DOI names and use the Registration Agency of DataCite in their capacity as allocating agents. They work actively with data centres and users for the purpose of issuing DOIs.
 - Non-allocating members: those who support DataCite's mission but do not wish to allocate DOI names. They work actively with DataCite and the wide research data community, but do not act as allocating agents.

All around the world

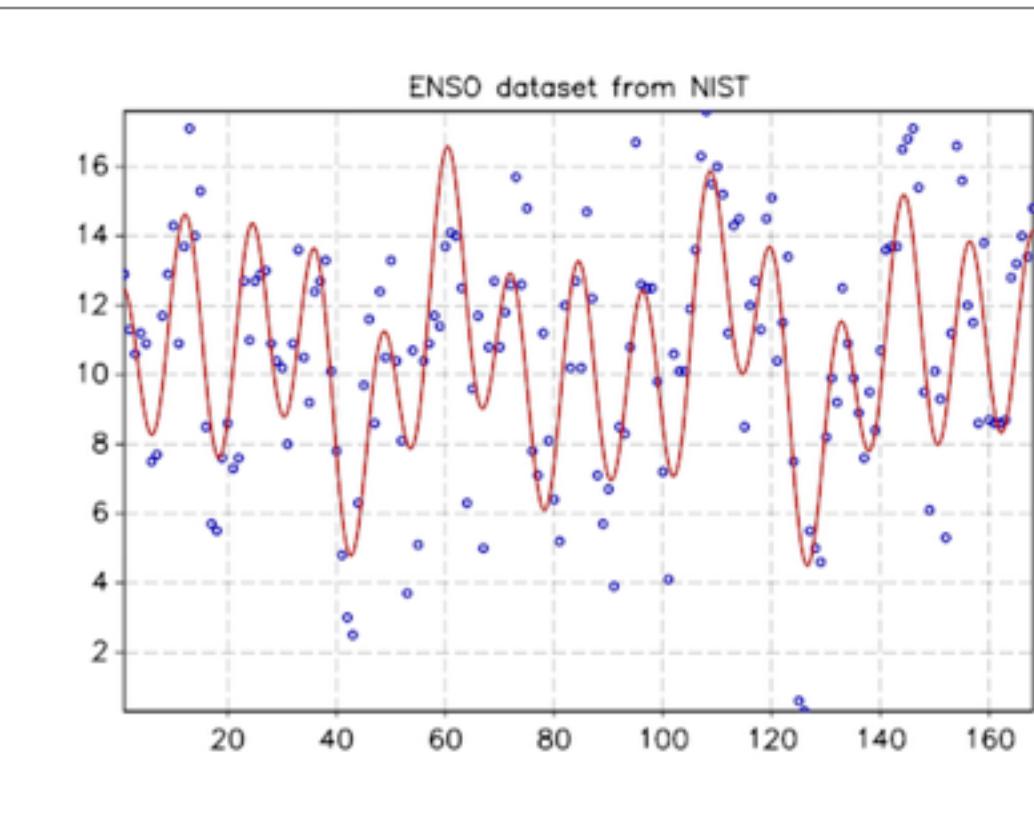


What is a Persistent Identifier?

- A Persistent Identifier (PID) is a long-lasting reference to an object, a single file or set of them
- There are multiple types of PIDs. DataCite uses DOIs to reference research data
- DOI stands for Digital Object Identifier and it has been used for many years to reference research articles in scholarly communication

Using DOIs

1. Take a dataset



2. Describe it

Title
Authors
Year
Description
And others...

3. Assign a DOI



10.1234/exampledata

4. Reuse and reference!

ATLAS Collaboration, “Data from Figure 7 from: Measurements of Higgs boson production and couplings in diboson final states with the ATLAS detector at the LHC: $H \rightarrow \gamma\gamma$,”
<http://doi.org/10.7484/INSPIREHEP.DATA.A78C.HK44>



Unique



Persistent

5. Enjoy the benefits

Findability

Track citations

Reusability

Measure impact

Become a member and help us
make research better!

<https://www.datacite.org/join-datacite>

