

# The FAIR Principles

Findable  
Accessible  
Interoperable  
Reusable

As open as possible  
as closed as necessary

The main principles of Open Science for data

The Principles are not domain specific

The Principles are suitable for both open and closed data. **FAIR ≠ OPEN**

None of the principles are mandatory. Make your data as FAIR as possible.

**Data** - all digital resources produced during a project. For example, data, code, presentations, tools, etc.

**Metadata** - description of the resource, to enable findability, reusability and interpretation of it.

More information:

<https://rdmkit.elixir-europe.org/>

<https://www.go-fair.org/>

<https://www.howtofair.dk/>

<https://datadoi.ee/>

<https://creativecommons.org/>



## I will remember the FAIR Principles:

- I will add an unchanging and unique code to my produced resources. If possible, I will use DOI, Handle and not forget to add ORCID and ROR (for organizations) codes.
- I will add enough metadata to the produced data to make it easy to find.
- Not everybody has to have access to my data, but I will always define who and under which conditions can access my data. Both during and after the project. I will also think about where I keep the data during the project.
- I will choose which file formats to use. I will prefer open, free access file types or domain-specific standards. For example, TXT, CSV, PDF-A, JPEG.
- I will use domain-specific vocabulary. Especially in table column headings, when using keywords, and when describing metadata.
- In addition to the metadata, I will also add a README file to the data, which describes how this data was created.
- I will add a license to the data. I will prefer to use CC0 (asking for my work to be referenced by adding a citation example) or CC-BY licenses.



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