

How to acknowledge and cite a Climate Data Store (CDS) catalogue entry and the data published as part of it

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Procedure in 3 easy steps

All users of data uploaded on the Climate Data Store (CDS) must provide clear and visible attribution to the Copernicus program and are asked to accredit the creators of the data. This can be achieved by following the 3 steps below:

Step 1 - Check applicable licences for attribution requirements

Dataset licences often include an attribution clause. Please carefully check the licence.

If the dataset licence does not contain explicit indication on how to acknowledge the data you still need to provide attribution to the Copernicus program (see Step 3). Otherwise, you need both, to follow the indications provided in the licence and to acknowledge the Copernicus program.

Step 2 - Cite the CDS Catalogue entry (traceable source of data)

You will find the information on how to cite the CDS/web Catalogue entry in the CDS catalogue entry (see Citation under References, when available otherwise please [contact us](#)).

The formatting of the citation can change depending on the journal (or other content provider where you are referencing the data) requirements. The formatting of the Citation provided by the CDS is given as an example.

Step 3 - Provide clear and visible attribution to the Copernicus programme and attribute each data product used (to accredit the creators of the data products)

Copernicus programme:

[Generated using/Contains modified] Copernicus Climate Change Service information [year]. Neither the European Commission nor ECMWF is responsible for any use that may be made of the Copernicus information or data it contains.

Products:

You will find the information on how to cite the data products in the CDS catalogue entry (see Citation under References, when available otherwise please [contact us](#)).

Terminology: DOI and Citation

It is important to understand the difference between a DOI and a Citation.

The DOI provides a link to a landing page where you can discover the contents it refers to. However, before using the link, the DOI itself does not provide information about the contents.

The Citation provides information about the contents but does not tell where to find that content.

Obviously, both information are useful and complementary, and usually they are used together when they are both available.

Procedure in practice with illustrating examples

- [Use Case 1: ERA5-Land hourly data from 1950 to present](#)
- [Use Case 2: ERA5 hourly data on single levels from 1940 to present](#)

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Related articles

- [Climate Data Store \(CDS\) documentation](#) (Copernicus Knowledge Base)
 - [c3s](#)
 - [cds](#)
 - [cds-api](#)
 - [owned-single-by-usmg](#)
- [Shape files for 'Water quality indicators for European rivers' and 'Water quantity indicators for Europe'](#) (Copernicus Knowledge Base)
 - [water_indicators](#)
 - [cds](#)
 - [c3s](#)
 - [owned-single-by-usmg](#)
- [Common Error Messages for CDS Requests](#) (Copernicus Knowledge Base)
 - [c3s](#)
 - [cds](#)
 - [cds-api](#)
 - [owned-single-by-usmg](#)