



# SOFOG3D AERIS Database

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# Outlines

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- The database
- How to provide datasets ?
- How to find datasets ?
- Data Policy

# The database developed by AERIS

<https://sofog3d.aeris-data.fr/catalogue/>



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ACCUEIL LE PROJET **ACCÈS AUX DONNÉES** ACTUALITÉS



Le projet a pour objectif de mieux comprendre les processus de petites échelles pour améliorer les prévisions du BROUILLARD. Il est soutenu par l'ANR (projet SoFog3D) et s'inscrit dans le Contrat d'Objectifs et de Performances 2017-2021 : « Compte tenu des enjeux que représentent les situations de brouillard pour le trafic aérien, Météo-France conduira une action de R&D spécifique sur l'observation et la prévision du brouillard, en mobilisant des moyens expérimentaux innovants dont un radar dédié à l'observation des nuages ainsi que des moyens de modélisation spécifiques »

# How to provide datasets ? (1/3)

The screenshot shows the SOFOG3D database interface. At the top, there is a navigation menu with the following items: ACCUEIL, LE PROJET, ACCÈS AUX DONNÉES, and ACTUALITÉS. On the left side, there is a 'CATALOGUE' section with a search bar containing 'Full text search' and a 'SEARCH' button. Below the search bar, there are several filter categories: Temporal extents, Spatial extents, Platforms, and Instruments. In the center of the page, there is a 'CREATE NEW METADATA' button, which is circled in red. To the right of this button, there is a user profile for 'William' with a blue search icon below it. Red arrows point from the 'CREATE NEW METADATA' button to the text '1 - Sign in (AERIS, ORCID, RENATER)' and from the 'William' profile to the text '2 - Create METADATA card of dataset'. Below the main content area, the word 'Welcome' is visible.

ACCUEIL LE PROJET ACCÈS AUX DONNÉES ACTUALITÉS

CATALOGUE

RESET SEARCH

Full text search

Your downloads

Please make a search to access the content

Temporal extents

Spatial extents

Platforms

Instruments

CREATE NEW METADATA

William

1 - Sign in (AERIS, ORCID, RENATER)

2 - Create METADATA card of dataset

Welcome

# How to provide datasets ? (2/3)

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Informations to fill in Dataset metadata card : summary, location, temporal extents, type of platform, instruments, contacts, processing level, history, links, pictures

Main rules for naming and filling some dataset metadata are in :

<https://nextcloud.meteo.fr/s/9qpBf6mso9dtmiN>

Name of the dataset :

**SOFOG3D\_<SITE-NAME>\_<LABO>\_<ID>\_L<N>**

Name of files :

**SOFOG3D\_<SITE-NAME>\_<LABO>\_<ID>\_L<N>\_<DATE>\_V<X>.<extension>**

**Example :**

**SOFOG3D\_JACHERE\_CNRM\_MTO-1MIN\_L2\_20191225\_V1.nc**

# How to provide datasets ? (3/3)

## 3 - After filling METADATA, you can ask a DOI to AERIS

➔ AERIS need estimated size of each dataset before sending the datas  
→ little survey : <https://nextcloud.meteo.fr/s/NdeZ8jSqATe8jft>

## 4 - Provide data files by FTP in a folder tree defined as :

**<SITE-NAME>/<LABO>/<ID>\_L<N>\_V<X>**

exemple :

for the dataset :

SOFOG3D\_JACHERE\_CNRM\_MTO-1MIN\_L2

put your datas files in :

JACHERE/CNRM/MTO-1MIN\_L2\_V1

**It's important to comply with these naming rules.**

# How to find datasets on the database ?

<https://sofog3d.aeris-data.fr/catalogue/>

[ACCUEIL](#) [LE PROJET](#) [ACCÈS AUX DONNÉES](#) [ACTUALITÉS](#)

## CATALOGUE

RESET SEARCH

Full text search

JACHERE

Temporal extents

Spatial extents

Platforms

- Balloons/Rockets
- In Situ Land-based Platforms

Instruments

Your downloads

Results found: 2

SOFOG3D\_JACHERE\_CNRM\_TURB-30MIN\_L2

SOFOG3D

SOFOG3D\_JACHERE\_CNRM\_VISI-TEMPS-PRESENT-3M-15SEC\_L1

SOFOG3D

[Sign in](#)



Welcome

# Data policy

To be defined between PI's of the project.

- Principal investigator's obligations and rights
- Data user obligations and rights
- ...

## **The PASSY-2015 Data and publication policy**

The PASSY-2015 field experiment is part of the project PASSY.

The project PASSY brings together research scientists aiming at (i) understanding the atmospheric circulation in the Arve valley close to Passy (between Cluses and Servoz) during those stable winter episodes associated with strong pollution; (ii) modeling the impact of this atmospheric circulation on pollutant (mostly PM) dispersion; (iii) evaluating whether PM chemistry is modified by heterogeneous processes during these stable episodes.

Hereafter, the word Data refers to the meteorological data acquired during the PASSY-2015 field campaign.

The aims of the PASSY-2015 Data and publication policy are

- (1) to ensure rapid exchange of data and results within the group of PASSY participants,
- (2) to define mutual rights and obligations of data producers and data users, and in particular to ensure that PASSY-2015 contributing scientists are associated to the scientific studies using the data they produced,
- (3) to help monitoring the scientific production of the project,
- (4) to ensure that PASSY-2015 data are preserved and made available after the end of the project.

The present Data and publication policy covers the measurement data collected during the PASSY-2015 field campaign that occurred in the Arve valley close to Passy from 10 January to 28 February 2015.

The access given to the data through this policy allows the sole and direct use of the data for scientific and educational activities. This categorically excludes the redistribution of data to third parties and the usage for commercial applications. Any commercial use of a dataset should be negotiated directly with the owners of the dataset, who generally are those who have paid for the data collection. The contact for such an agreement is the dataset principal investigator whose name is mentioned in the Metadata.

The data were originally collected for specific purposes and no warranty is given as to their suitability for use by the recipient. The database centers, the data owners and the data principal investigators have no liability for any loss, damage, claim, demand, cost or expense directly or indirectly arising from any use, receipt or supply of data under this agreement.

### **Principal investigator's obligations and rights**

- Principal investigators (PI) are associated with an instrument from instrument deployment and data collection, to data processing and transfer to the PASSY-2015 database. A principal investigator is the scientist responsible for the instrument or any person (collaborator, student) that he/she may suggest.
- Metadata files must be created or completed by the PI using the on line instrument registration form. Data supply to the PASSY-2015 database must be done using http deposit procedure. PIs are advised to provide data files written in the NetCDF format respecting CF conventions. But



# At this step

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- You can create your dataset metadata card, and ask a DOI
- Answer to the survey about size of dataset
- Data policy to be defined