



## Start here

This page will provide you with an overview of the purpose and use of the UNSW Data Archive.

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## What is the UNSW Data Archive?

The UNSW Data Archive provides long-term data management and storage options for UNSW research staff and students. As a UNSW researcher, the Data Archive will give you free access to securely archive all your research data and share it with your team. The Data Archive is designed to help UNSW researchers comply with the [UNSW Research Code of Conduct](#) and the [UNSW Procedure for Handling Research Material and Data](#).

The intent of the Data Archive is to support researchers to archive their research data and retrieve it when necessary. The UNSW Data Archive has been set up as the University's institutional archive store for archival purposes. As such, uploaded files cannot be deleted.

Download the Data Archive [posters](#) and the [flyer](#).

## What do I need to access the Data Archive?

- An active UNSW zID and zPass. To verify your zID/zPass visit the [UNSW Identity management page](#).
- An **approved** [Research Data Management Plan \(RDMP\)](#) (see the [RDMP and Data Archive page](#) for more information).
- Research data [identified and prepared](#) for upload into the Data Archive.
- [Access levels](#) appropriate to the tasks you wish to undertake within the Data Archive.

**Note:** once you've uploaded your data into the Data Archive you can access it at any time just like any other data storage system. Your research team members (as identified in your [RDMP](#) ) can also continue using it.

**Note: a word of caution;** it is recommended that you retain a local copy of the research data you have uploaded to the Data Archive for **two weeks**, before local deletion, to ensure that all three copies of your data have been created and one copy has been taken off-site. See the [When should I delete / remove the local copy of my data?](#) FAQ for more information.

## How do I access the Data Archive?

There are a three ways to access the Data Archive:

- Using the [Web application](#) with a [Chrome](#) browser. See the [Web application guide](#) for further information.
- Using a SFTP Client. See the [SFTP client guide](#) for further information.
- Using a Command line Script. See the [Command line script guide](#) for further information.

All researchers are able to **upload, download, share, locate** and **review** their research data using the [Web application](#) (see the [Web application guide](#) for further information). The other options, for researchers with specific needs, include using a SFTP Client (see the [SFTP client guide](#) for further information), and a Command line Script (see the [Command line script guide](#) for further information).

**The size of your data and frequency of data creation will influence how you interact with the Data Archive.** Please use the table below to determine which method aligns with your needs:

Data size	Number of Files	Best solution
Under 50 gigabytes (GB)	Under 1000	<b><a href="#">Web application</a></b> . See the <a href="#">Web application guide</a> .
Under 50 gigabytes (GB)	Over 1000	<b><a href="#">Web application</a></b> . See the <a href="#">Web application guide</a> <b>Note:</b> consider <a href="#">compressing</a> your dataset before uploading or using SFTP (see the <a href="#">SFTP client guide</a> ).
Over 50 gigabytes (GB)		<b><a href="#">SFTP Client</a></b> . See the <a href="#">SFTP client guide</a> .

Regular creation of data sets		<b>SFTP Client or Command line script.</b> See the <a href="#">SFTP client guide</a> and the <a href="#">Command line script guide</a> .
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## Core elements of the Data Archive application

**Note:** **do not** use the browser navigation buttons when inside the [Web application](#).

**Video: Navigating the Data Archive**

**Video: Viewing data in Asset Finder:**

**There are four functionality options available to users of the Data Archive:**

**Note:** double click on the icon of the selected option to open

### Asset Finder

- Users can ingest (upload) and egest (download) data
- Browse data and metadata
- View previous versions of files (see the [How do I access / view previous versions of a file? FAQ](#))

**Note:** Double click to open your [Collections](#) (folder) - the label/name of your Collections will correspond to the [Research Data Management Plan Project ID](#) - when in Asset Finder.

### Asset Map

- Location based data display for data with geospatial metadata
- Location based data discovery for data with geospatial metadata

### Metadata Library

- Create and update metadata document definitions with a simple graphical tool
- Define and edit metadata documents
- Add metadata (in addition to that automatically extracted when uploading) during upload, or to data already in the Data Archive. See the [Metadata guide](#) for more information

## Dictionarys

- Create and maintain arbitrary look-up lists (dictionarys), consisting of terms and associated definitions
- Metadata documents can refer to specific dictionarys

## Searching the Data Archive:

Locating data inside the Data Archive is achieved in a variety of ways. See the [Search, filters, views, favourites](#) page for how to locate data.

## Help and further information:

- For help and support when using the Data Archive, see
  - all [Help Topics](#)
  - all [Frequently Asked Questions \(FAQs\)](#)
  - browse through the carousel on the [homepage](#) to view all available videos
- For information on the types of data to add to the Data Archive, see [Preparing data for upload](#)
- For more information on the access levels in the Data archive, see [Roles and access inside the Data Archive](#)
- For information on finding data in the Data Archive, see [Search, filters, view and favourites](#)
- For information on metadata (descriptive data) automatically and manually added to your research data, see the [Metadata guide](#)
- For information on using the Data Archive Web application, see the [Web application guide](#)
- For information on the relationship between a Research Data Management Plan (RDMP) and the Data Archive, see [RDMP and the Data Archive](#)
- For information on submitting a RDMP, see
  - [What is a research data management plan and why do I need one?](#)
  - [The UNSW Research Data Management Plan \(RDMP\)](#)
  - [Create RDMP or Create HDR thesis plan](#)
- To create, or update, a Research Data Management Plan (RDMP) go to the [ResData service](#)
- For information on data management at UNSW, see the [Research Data Management Toolkit](#)
- To access the Data Archive Web application, use this [link](#), or, go to the [Home](#) page for other access options
- **Note:** the Data Archive service is also available over SFTP, see the [SFTP client guide](#) for more information