

How to Upload Data to DREAM (1.1.0)

Dataset package

Ensure your data is formatted to the database package standard. Refer to the separate document, “How to Package Data for DREAM”, in “DREAM Resources for Contributors” for a quick guide.

If you are unsure or are having trouble formatting your data, then upload what precursory material you have, and a DREAM curator will try to assist you in this process.

Authorship

The corresponding author of your submitted dataset is responsible for nominating the authors of said dataset.

We make a distinction between the group of authors attributed to a DREAM dataset and the group of authors of a published study associated with such dataset.

We recommend that the authors, attributed to a DREAM dataset, consist only of the people chiefly involved with the data's overall acquisition and study design. Thus, this does not necessarily include all authors of the study from which the data originated.

Dataset submission process

Before a dataset is officially accepted and published as a DREAM dataset, it must be assessed and processed by a DREAM database curator. Contact the DREAM core team via email (see the contacts section below) to begin the process, minding that you are agreeing to the below standard submitter agreement in doing so.

Submitter agreement

By entering into the dataset submission process, you agree to the following terms.

1. The submitter does not contravene prevailing legal or ethical agreements of the data, or infringe upon the rights of the data's participants, authors, or owners, by submitting the data.
2. If the data has multiple authors, the authors have unanimously agreed to let the submitter act on their behalf.
3. The submission may involve multiple authorised submitters.
4. Insofar as is reasonable, the submitter endeavours to accurately and wholly comply with requests for information and materials as part of the submission process in a timely manner.
5. Should the dataset be accepted, the submitter intends for the nominated corresponding author to agree to the terms of its publication.

6. The database curator reserves the right to cease the submission process at any time for any reason. The data's submitter and authors have the right to be disclosed the reason.

Interim data sharing

During the submission process, the DREAM curator must download, and potentially modify your precursory data and materials, in order to eventually produce the “finalised” DREAM dataset. Please use any convenient and secure means to privately share these data with your curator, such as [figshare](#), [Google Drive](#) or a service provided by your institute.

Your data will be temporarily and securely stored on Monash or core researchers' PCs for the purposes of the submission process, will not be communicated to any third party, and will be deleted when its purpose has been fulfilled.

Dataset publication

Once the DREAM curator has accepted and finalised your dataset, you will receive a private link to where you should download this finalised version for your approval and publication as the corresponding author. No further changes to the dataset are allowed outside of completing an amendment process with a DREAM curator. Mind that you are agreeing to the below standard corresponding author agreement in publishing the finalised dataset.

Corresponding author agreement

Corresponding authors are people nominated to act as the primary point of contact for an accepted dataset. The corresponding author must agree to the following terms for the dataset to be published; publishing the dataset is considered to be accepting this agreement.

1. The published dataset is licensed under the Creative Commons Attribution 4.0 International license (<https://creativecommons.org/licenses/by/4.0/>), which may not be revoked. The authors retain their respective ownership and remaining intellectual property rights of the published dataset and underlying data.
2. The corresponding author grants the DREAM core team the irrevocable right to request, store, and utilise a copy of the published dataset for database curation, research, and archival purposes.
3. The corresponding author assumes all responsibility for upholding prevailing legal or ethical agreements of the data, and respecting the rights of the data's participants, authors, and owners.
4. The corresponding author assumes responsibility for protecting the DREAM core team from violations of participant rights, which may occur from publishing the dataset.
 - a. These rights include
 - i. the right to personal and health privacy, and
 - ii. the right to informed consent of their data being added to an open- or mediated-access repository.
 - b. This responsibility is upheld by

- i. obtaining participants' consents and providing them to the database curator,
 - ii. ensuring the dataset is published with the appropriate accessibility,
 - iii. redacting data, and/or
 - iv. irreversibly de-identifying the data.
5. The corresponding author assumes responsibility for the quality and accuracy of the published dataset.
6. The corresponding author uploads, and maintains proper accessibility of, a copy of the dataset on an internet repository. They ensure that the database record is up to date on this copy's location (URL). If accessibility can not be maintained, they will inform the database curator in a timely manner.
7. The corresponding author receives legitimate enquiries from informed persons regarding the dataset. The corresponding author responds to all future enquiries by the database curator or DREAM core team regarding the dataset.
8. The database curator reserves the right to expunge the dataset's records from the database at any time for any reason. The dataset's authors have the right to be disclosed the reason.

Data upload

Should you choose to publish this dataset, please do so on figshare's platform to maximise integration with the DREAM database. You will need a figshare account and a collaborator invitation from us. Please contact your DREAM database curator to request an invitation to collaborate. We will then send an email invitation to you to become a figshare collaborator of the DREAM project. If you do not have a figshare account, you will be led to register one as part of the process. Ensure that the invitation has not been categorised as spam by your email provider.

After becoming a collaborator, you will be able to upload your dataset package to DREAM. On the project website, click the "+ Add new content" menu button, then "+ Create new item". An upload interface should appear from where you can upload the package as an archive file (e.g. ZIP).

We suggest you enter the metadata fields as follows.

Field name	Content
Title	The short or full title you have given to your dataset package
Authors	All authors credited to your dataset package
Categories	"Cognitive neuroscience", "Behavioural neuroscience", "Psychophysiology"
Item type	"Dataset"
Keywords	"Dream EEG and Mentation", "DREAM", "Sleep", "Polysomnography", "EEG (electroencephalography)" and anything relevant; these can be manually entered by hitting the enter key
Description	A copy of the contents of ExperimentalDescription.txt from your dataset package. Truncate as needed to fit the character limit.

Funding	If applicable
Resource title/DOI	Not applicable; leave blank
References	If applicable
License	CC BY 4.0

Do not check the "Publish" checkbox without understanding that it will produce a permanent and public record with an associated digital object identifier (DOI).

After uploading

Your formatted dataset should now be uploaded to the DREAM data repository, currently hosted by Monash Bridges as supported by figshare:

https://bridges.monash.edu/projects/The_Dream_EEG_and_Mentation_DREAM_database/158987

Once you have successfully published your data, please inform your DREAM database curator and provide the dataset's DOI. We will update the database with this final piece of information.

Core team contacts

Core team group

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