

Dataverse Scholars Portal

MASS is now hosted on the dataverse scholar portal (<https://dataverse.scholarsportal.info/>).
To explore the MASS dataverse, go to <https://dataverse.scholarsportal.info/dataverse/MASS>.

In order to download the EEG signals, you need to sign up and login.
Visit <https://dataverse.scholarsportal.info/loginpage.xhtml> to create an account and log in.

Dataverse MASS

Once you are logged in, you can explore the different MASS datasets SS1 to SS5:

For the Biosignals and Sleep stages:

1. SS1 : <https://doi.org/10.5683/SP3/OVISPE>
2. SS2 : <https://doi.org/10.5683/SP3/K26LXJ>
3. SS3 : <https://doi.org/10.5683/SP3/9MYUCS>
4. SS4 : <https://doi.org/10.5683/SP3/MUELFO>
5. SS5 : <https://doi.org/10.5683/SP3/WZQMAB>

For the Sleep Annotations:

1. SS1 : <https://doi.org/10.5683/SP3/8ZEAWT>
2. SS2 : <https://doi.org/10.5683/SP3/Y889CS>
3. SS3 : <https://doi.org/10.5683/SP3/YD8AYI>
4. SS4 : <https://doi.org/10.5683/SP3/CHG82L>
5. SS5 : <https://doi.org/10.5683/SP3/WZQMAB>

Download files

To download the files included in the “Biosignals and Sleep stages” datasets, you need to request access.

[The procedure to request access](#)

Click on the link of the subset you are interested in (i.e. SS2 : <https://doi.org/10.5683/SP3/K26LXJ>)

You should see a description of the dataset as shown on the figure 1.

SS2 Biosignals and Sleep stages

Version 1.1



CEAMS, 2022, "SS2 Biosignals and Sleep stages", <https://doi.org/10.5683/SP3/K26LXJ>, Scholars Portal Dataverse, V1

Cite Dataset ▾ [Learn about Data Citation Standards.](#)

Contact Owner

Share

Dataset Metrics 🔗

38 Downloads 🔗

Description 🔗

The SS2 subset of the Montreal Archive of Sleep Studies (MASS) cohort is an open-access database of laboratory-based polysomnography (PSG) recordings defined as :

- 19 subjects (age 23.6±3.7 years, age range: 18-33 years)
 - 8 males (age 24.3±4.2 years, age range: 19-33 years)
 - 11 females (age 23.2±3.5 years, age range: 18-30 years)
- 19 PSG recordings (whole night) "PSG.edf"
 - 19 electrodes in the EEG montage
 - reference is computed linked-ear (CLE)
 - 4 EOG channels
 - 1 bipolar EMG
 - 1 ECG channel
 - Respiratory thermistance
- 19 Sleep staging files "Base.edf"
- Sleep stage scoring rules : R&K
- Page size (s) : 20

(2014-06-09)

The screenshot shows the dataset's file management interface. At the top, there are tabs for 'Files', 'Metadata', 'Terms', and 'Versions'. The 'Files' tab is circled in red. Below the tabs is a search bar with the text 'Search this dataset...' and a 'Find' button. Underneath, there are filters for 'File Type: All' and 'Access: All', and a 'Sort' button. A summary bar indicates '1 to 10 of 38 Files'. A list of files is shown, with the first file '01-02-0001 Base.edf' highlighted. The 'Request Access' button is circled in red, and a red arrow points from the 'Files' tab to it.

Figure 1 : A summary describing the dataset

Select the tab 'File' circled in red in the Figure 1.

Start by selecting a file and 'Select all files in this dataset' should appear as shown in the figure 2 below (#1). Once all the files are selected you are ready to click on 'Request Access' (see figure 2 #2). Make sure to select all the files because access will be granted for the selected files only.

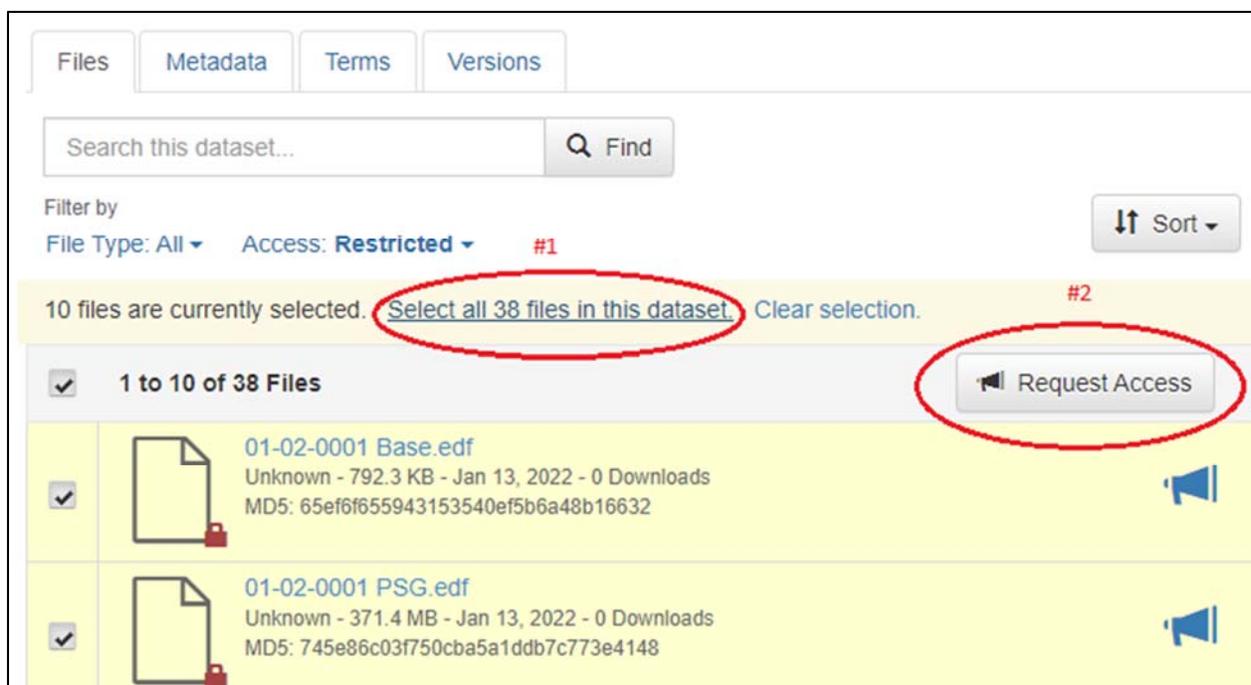


Figure 2 : File tab of the dataset

Once you requested access, a pop-up message window should present the 'Terms of Access' as shown in the figure 3.

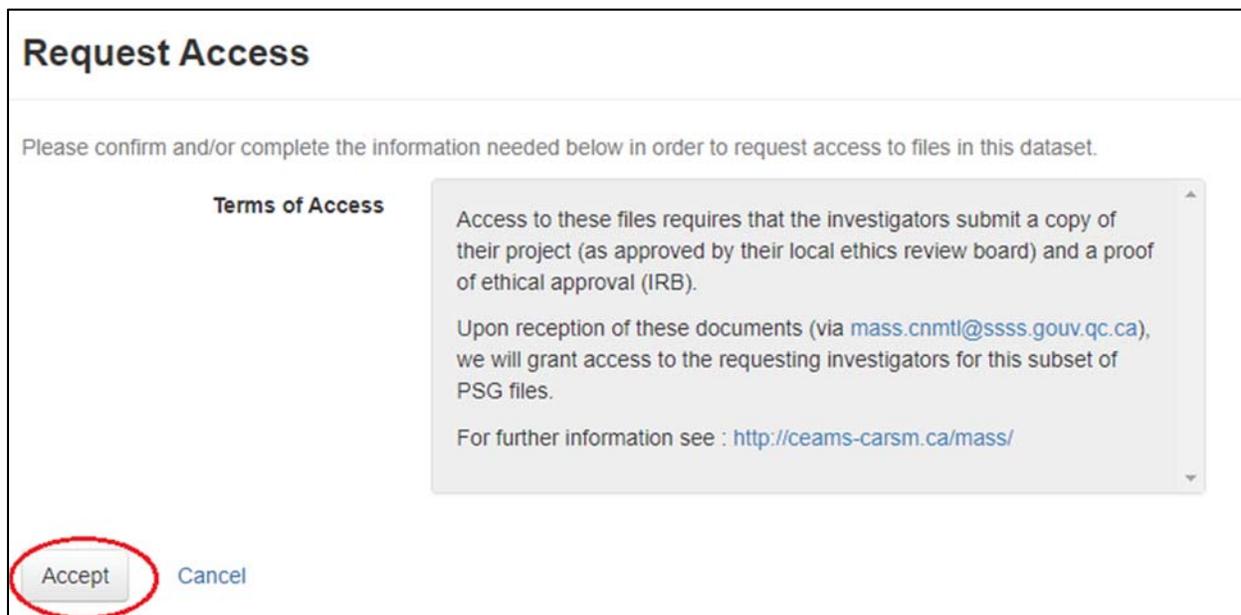


Figure 3: Request Access

Press 'Accept' and an email will be sent to the managers of the MASS cohort in order to grant you access to these files. As stated in the Terms of Access, the managers of MASS will expect you to send the needed documents via mass.cnmtl@ssss.gouv.qc.ca prior to sharing the files with you.

Once your documents have been validated, you should receive an email as the one shown in the figure 4 to inform you of when your access has been granted.

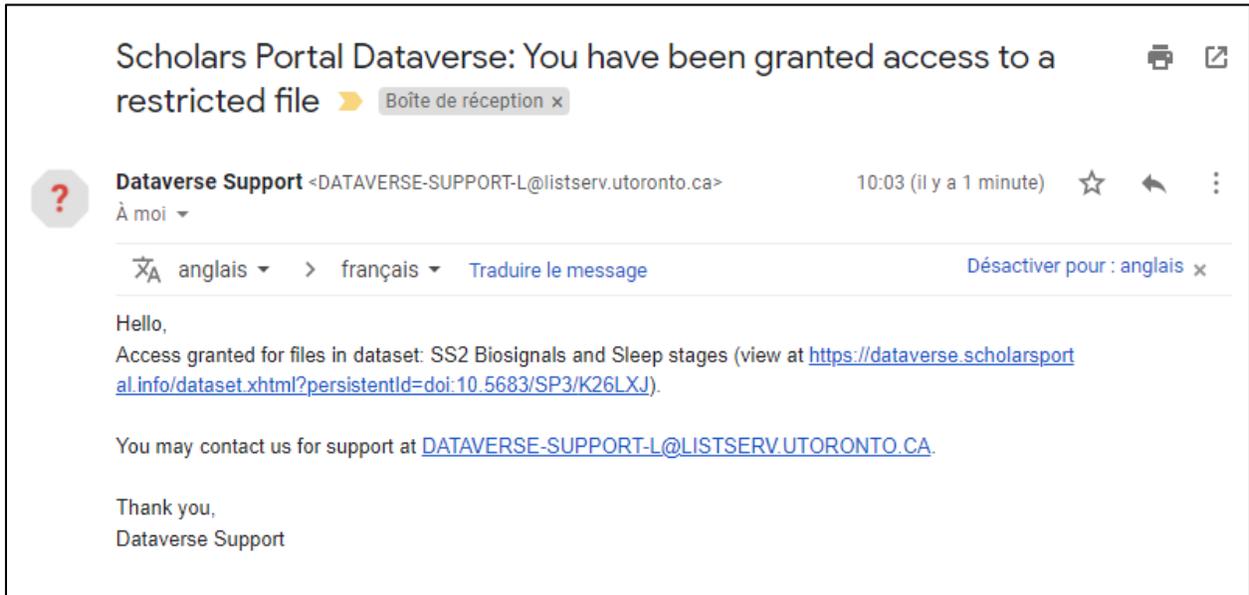


Figure 4: Scholars Portal Dataverse email

The link included in the dataverse email should direct you to the requested dataset, and you should be able to download the requested files (files should now be shown as unlocked as shown on the figure 5 below).

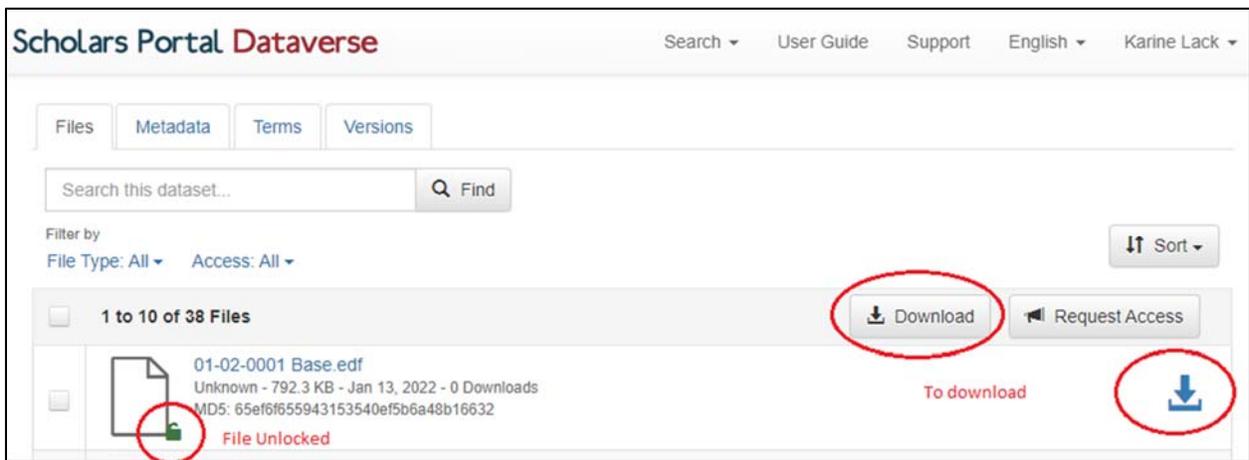


Figure 5: File Access granted

You need to request access to each "Biosignals and Sleep stages" dataset that you are interested in. I expect 5 access requests if you are interested in the entire MASS cohort.

The Annotations files are in open access; you can download them directly without requesting access.