• Account names are same as Drupal sites (https://missouriepscor.org/)

• Passwords must be reset (passwords can’t be transferred from drupal)

• Users https://data.missouriepscor.org/user

• Go to Log in

No problem, use our password recovery form to reset it.

Forgot your password?
• Datasets belong to Organizations.

• Organizations have been defined as teams (this can be made more granular if necessary).

• Admin users can manage Organization members and Datasets
• Organizations can be followed.

You will receive updates to all Datasets from that organization

• Searches can be refined by Organization
Datasets are logical grouping of data points.

Datasets contain one or more pieces of data.

Datasets contain the metadata for searching and cataloging.

Datasets are owned by Organizations and described by Groups.
Datasets can be either public or private.

Options to make sets searchable and visible

Tags show what data types are associated with a Dataset (CSV, PDF, JPG, ect)
Datasets have a one to many relationship with Data Resources

Data Example

This is just an example of how to create a dataset and upload data resources.

Data and Resources

**Test CSV File**
This is a file upload. Uploads are limited to 250mb.

**Cyberinfrastructure Team's EPSCoR Meeting Poster**
The poster presented at the EPSCoR Meeting
Datasets can be followed
(you will receive updates if resources change)

Datasets may also be previewed (depending on the datatype)
• Data Resources can also be private

• Private sets will need to be granted access to the data, even if logged in.

• May need this if you want to curate who you’re sharing data with.
• Metadata is stored on both the Dataset and Data Resource

• Still need metadata for server files
• Groups are user or anonymously created to group Datasets.

• Like a tag or classification for datasets.

• May cross organizations
• Data Requests can be made to Organizations for access to a Data Set, a Data Resource or for data that might not yet be on the data.missouriepscor.org site

• Can track the status of a request

• Can be made by logged-in user or anonymous user
Uploading Data

2 datasets found

Data Example
This is just an example of how to create a dataset and upload data resources.

CSV  PDF
• Maximum upload size through web page is 250mb

• For larger files or files already on transect, create link to FTP server

• Need to move finalized data to ~/publish/ directory

• Run ckan_link command to generate URL

• Submit URL as data resource
• Archive and compress data for distribution:

• Create README.txt

• Send to ~/publish directory

• Compress and archive using tar command:

```bash
tar cvfj ~/publish/new_file_name.tar.bz2 <files_to_archive> <files_to_archive>
```
• `ckan_link <filename>` command must be run from the `~/publish/` directory

• `ckan_link -h` or `man ckan_link` for more help

```plaintext
ckan_link(1) ckan_link man page

NAME
  ckan_link -- generates a link for use on the data.missouriepscor.org website

SYNOPSIS
  ckan_link [ -o output-file | -f output-destination | -l link-name ] [ file1 file2 ... ]

DESCRIPTION
  The `ckan_link` utility generates a link for use with data.missouriepscor.org. It links to files in your `~/ publish` directory to share with the data.missouriepscor.org ftp server. `ckan_link` can only be run on files located in your publish/ directory.

OPTIONS
  file(s)
    one or more files to generate links to.

  -o, --output-file
    do not create a 'published_links' output file.

  -l NAME, --link-name=NAME
    linked file's name. Changes the name of the downloadable file (does not affect the original). If supplying multiple files to the `ckan_link` utility, each will be renamed to this value (be careful).

  -d DIR, --output-dest=DIR
    the directory location the 'published_links' file should be written to. By default it will be written to the directory the supplied file was written to.

BUGS
  No known bugs.

AUTHOR
  Justin Le Tourneau (leturnea@wustystem.edu)

1.0  03 November 2016
```
The ckan_link will create a hard link to your data in the ~/publish directory.
Directory Structure

• It matters – especially if you zip directories (folders) together

• Include a README.txt file. It’ll let others understand your organization (People will need to navigate when downloaded).

• Don’t include spaces. It’s harder for you to interact with dir and files.

• Recommend a common format (YYYY_MM_DD for example, the files will stay in order).

• Use PWD if you get lost, and du –h to know how much space you’re using.
Calibration Data

URL: ftp://webuser.epscor@data.missouriepscorg.org/fileshare/57a3f66a9c57b7407f0c9a027cd659/2017_2_3_calibration.tar.gz

Jim Peterson’s calibration data

There are no views created for this resource yet.

Not seeing the views you were expecting? Click here for more information.

Additional Information

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Private: False

Private data resources can be searched by anyone but their contents will remain hidden. The resource can only be accessed by granting access to Organizations or Individual Users.
• License lets others know how your data can be used. Refer to your own data policy.

• Public vs Private visibility
• User dashboard keeps all info pertaining to your user activity.