Forest Ecosystem Monitoring Cooperative User Guide

April 10th, 2017

Environmental Monitoring and Management Alliance (EMMA)

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Viewing EMMA Data on FEMC

Visit the following web address to access EMMA's landing page on FEMC. https://www.uvm.edu/femc/emma/

To view EMMA data, click on the Monitoring Projects tab.

Then, click any link to be redirected to EMMA's data. EMMA's Deer Overabundance, Weather and Camera Trap data are housed by FEMC, and clicking on one of these links will bring you to an FEMC "project page" (see pg 5). EMMA's phenology data is housed by the USA National Phenology Network. Clicking on this link will redirect you to the USA-NPN Data Download Portal.

Search...

ADVANCED SEARCH

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THE ENVIRONMENTAL MONITORING AND MANAGEMENT ALLIANCE (EMMA)

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MONITORING PROJECTS

EMMA has four priority issues that guide its monitoring projects: climate change, habitat loss and fragmentation, invasive species and deer overabundance.

EMMA currently has four ongoing monitoring projects.

Deer Exclosures – In order to assess the impacts of deer on forest regeneration, EMMA is monitoring plots that are inclusive and exclusive of deer. Plots are censused every 5 years at 8 of the 10 sites.

- Deer exclosure monitoring project and data

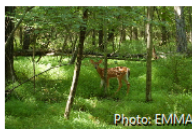**Phenology Trails** - Phenology is the study of the timing of life cycle events, such as when birds migrate or when flowers bloom. Long-term monitoring of plant phenology will allow EMMA to assess the effects of climate change on our habitats and native flora. Each of the 10 EMMA sites monitor a variety of native plant species. Data are submitted to the USA National Phenology Network, a nation-wide citizen science program. To download our phenology data, please visit:

- The National Phenology Network at **https://www.usanpn.org/results/data**.

Weather Stations – To monitor climate change and to provide background data for EMMA and other research projects, weather stations are located at 8 of the 10 sites. Several sites have more than one weather station and some weather stations have long-term data. To access weather data:

- EMMA Weather Station Data - Cary Institute of Ecosystem Studies
- EMMA Weather Station Data - Vassar Farm and Ecological Preserve at Collins Field Station
- EMMA Weather Station Data - Mohonk Preserve
- EMMA Weather Station Data - Louis Calder Center
- EMMA Weather Station Data - Huyck Preserve
- EMMA Weather Station Data - New York Botanical Garden
- EMMA Weather Station Data - Teatown Lake Reservation
- EMMA Weather Station Data - Ward Pound Ridge Reservation

Camera Traps – Camera trap surveys of game animals will be conducted to gather better estimates of the diversity, presence, and abundance of large mammals within the EMMA network. Camera traps will be deployed by the end of 2016.

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Guide to a Project

The purpose of an "project page" is to describe the initiative broadly and house all project information (including project datasets, documents, protocols, etc.). A project contains several parts, which you can access by clicking the tabs indicated by the red arrow:

Overview

- Project overview (a description of the project)

- Objectives (the broad goals of the project)

- Dataset availability (downloadable or description only– this might mean that you need to request data from the PI)

- Tags (terms that someone can search to reach your project)

- Status (active, proposed, completed)

- Start and end date of the project

- A map of the study area

Datasets

- Links to all of the datasets in a project (see pg 6.)

People

- A list of the people affiliated with the project

Documents/Images

- Documents associated with the project (reports, additional info, etc.)

Guide to a Dataset

Nested within projects are datasets. The purpose of a dataset on FEMC is to describe individual components of the larger project, and house data along with all associated information.

Click on the name of each dataset to view.

Guide to a Dataset

Similarly to projects, you can access the different components of the dataset by clicking across the tabs at the top. Dataset components are described below:

Overview

- Dataset overview (a description of the dataset)

- The purpose of the dataset

- Dataset collection status (proposed, active or completed)

- The data license and availability (ready for download, or available by request)

- The data update frequency and maintenance plan

- Related datasets and versions

Metadata

- Dataset attributes

- Methods

- List of Sampling equipment

Data

- A preview of the data and download options

Documents/Images

- Documents and Images associated with the dataset

PROJECT: THE IMPACT OF DEER OVERABUNDANCE ON FOREST REGENERATION

Dataset: Deer Exclosure Monitoring Sapling Data for Huyck Preserve

OVERVIEW   METADATA   DATA   DOCUMENTS/IMAGES

Navigate through dataset components via these tabs

Dataset Overview

Data collected on saplings in paired exclosed and unexclosed plots at Huyck Preserve

See Full Dataset Documentation

Parent Project
The Impact of Deer Overabundance on Forest Regeneration

Tags
No tags

Status
Active

Data Availability
Available for download
Download Data

Data License
(cc) BY-NC-SA

Project Lead / Principal Investigator
Dan Aitchison
Vicky Kelly
Elizabeth Long
Chris Nagy
Megan Napoli
Hillary Siener

Preferred Citation
Not provided

Purpose	To contribute to an initiative led by the The Environmental Monitoring and Management Alliance (EMMA) to examine the effect of overabundance of white-tailed deer on forest regeneration in urban and rural preserves throughout the Hudson Valley
❶ **Data Collection Status**	Data collection for this dataset is ongoing
Start date	2013-01-01
Contents	22 records with 14 fields
Data Availability	Available for download
	Download Data
Data License	(cc) BY-NC-SA
Preferred Citation	Not provided
❶ **Update Frequency**	Unknown
❶ **Maintenance Plan**	Not provided
Links	No links available for this project
Related Datasets	View related datasets
Previous Versions	• Version 1 - 2103_init (created 2017-03-06 by James Duncan)

Preview

Plot	Treatment	Treatment_Number	Sapling_ID_Number	Species	ITIS_Code
BCT	FEN	2	1012S	ash	32928
FLC	UNF	1	1	spruce	18033
FLT	FEN	2	3	striped maple	28754
FLT	FEN	2	2	ash	32928
FLT	FEN	2	1	white spruce	183295

Explore the full dataset

Study Area

7
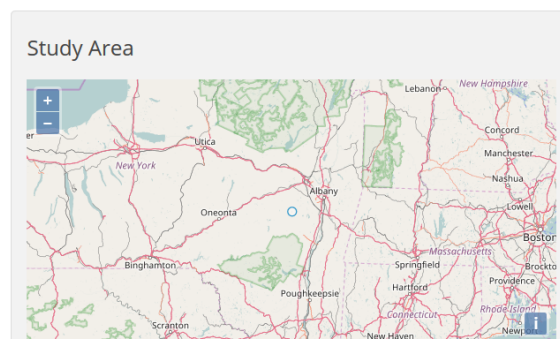
Accessing the Editing Side of FEMC

♦ Visit www.uvm.edu/femc

♦ Click on the "Log in" Link on the top right, above the search bar.

♦ You will be redirected to the login screen. Enter your information and click Login.

♦ If you forgot your password, reset it at https://vmc.w3.uvm.edu/management/users/forgot_password . You'll need the email address you used to set up your account.
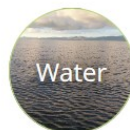
♦ After you've logged in, click on "Manage Projects and Datasets"

MANAGE YOUR CONTENT ON THE FEMC SITE

MANAGEMENT HOME

Welcome Lindsay

Edit your profile information

MANAGE MY PROFILE

Manage projects and datasets

MANAGE MY

♦ You will be shown lists of projects, datasets, and documents and images that you can access (either to view or edit– for more on access levels, see pg 12)

♦ Click on any of these to make changes/manage.

Your Projects

A "project" is the highest level of organization – it groups together people, datasets, organizations, documents and images

Add a new project

Search projects

Your role	Project name	Preview link
Project Editor	The Impact of Deer Overabundance on Forest Regeneration	View on site
Project Editor	EMMA Weather Station Data - Cary Institute of Ecosystem Studies	View on site
Project Editor	EMMA Weather Station Data - Vassar Farm and Ecological Preserve at Collins Field Station	View on site
Project Editor	EMMA Weather Station Data - Mohonk Preserve	View on site
Project Editor	EMMA Weather Station Data - Louis Calder Center	View on site
Project Editor	EMMA Weather Station Data - Huyck Preserve	View on site
Project Editor	EMMA Weather Station Data - New York Botanical Garden	View on site

Your Datasets

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A "dataset" represents a particular set of data, such as a table, an access database or a shapefile. A dataset is always part of a project

Trying to add data? Click on a project above to start adding datasets.

Search datasets

Your role	Dataset name	Preview link
Dataset Editor	Huyck Preserve Weather Station *(Belongs to project: EMMA Weather Station Data - Huyck Preserve)*	View on site
Dataset Editor	Deer Exclosure Monitoring Sapling Data for Mohonk Preserve *(Belongs to project: The Impact of Deer Overabundance on Forest Regeneration)*	View on site
Dataset Editor	Vassar Weather Data *(Belongs to project: EMMA Weather Station Data - Vassar Farm and Ecological Preserve at Collins Field Station)*	View on site
Dataset Editor	EMMA phenology *(Belongs to project: Environmental Monitoring and Management Alliance Phenology)*	View on site
Dataset Editor	lc_testproject_dataset1 *(Belongs to project: LC_TestProject)*	View on site
Dataset		

Your Documents and Images

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Documents and Images are files that are not datasets, but are related to a project or dataset by providing additional context or information

Add a new Document/Image

Search files

Your role	File name	Creator	Date	In projects...	In datasets...	Preview link
Project Editor	Kelly_2011_WASP.pdf	Vicky Kelly	2017-03-24	EMMA Weather Station Data...		View on site
Project Editor	Mohonk Preserve Logo	Not given	2017-03-21	EMMA Weather Station Data...		View on site
Project Editor	Historical Data sheet	Not given	2017-03-21	EMMA Weather Station Data...		View on site
Project Editor	CIES_Daily_Met_Data_2015	Vicky Kelly	2017-01-06	EMMA Weather Station Data...	Cary Institute Daily Weat...	View on site
Project Editor	CIES_Daily_Met_Data_2016	Vicky Kelly	2017-01-06	EMMA Weather Station Data...	Cary Institute Daily Weat...	View on site
Project Editor	Windshield	Not given	2016-10-25	EMMA Weather Station		View on site

Editing a Project

♦ Navigate through the sections of the project by clicking on the blue buttons or by clicking the tabs on the sidebar (some of them are redundant).

Formerly the VERMONT MONITORING COOPERATIVE

LINDSAY CHARLOP *(LOG OUT)*

Search...

ADVANCED SEARCH

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PROJECT MANAGEMENT

MANAGEMENT HOME

MANAGE MY PROFILE

MANAGE MY CONTENT

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  Organizations
  Documents / Images

PROJECT: THE IMPACT OF DEER OVERABUNDANCE ON FOREST REGENERATION

View this project on the website

Edit Project Information   Edit basic info, project location, tags, themes and logos

Create a new dataset   Create a new dataset

Edit Project People   Manage people associated with your project, give people editing access to your project

Edit Project Organizations   Manage organizations associated with your project

Edit Project Documents/Images   Manage documents and images associated with your project

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USDA

The University of Vermont

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Edit Project Information

Clicking "Edit Project Information" allows you to edit the Project Name, Project Status, Project Type, start and end date, project description, and desired citation. Mouse over the "i" next to each field for more information about it.

♦ To add a line of text that links to a webpage, follow this template: Text that is displayed

♦ You can add a feature image

♦ You can add "tags", or terms that someone can search to reach your project

♦ You can add a map showing the extent of the project (you can upload a GIS file, or draw a point or shape showing the boundaries)

♦ You can publish and unpublish the project.

♦ Click "Submit Changes" at the bottom of the screen when you are done editing.

MANAGE PROJECT INFORMATION

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MANAGE MY CONTENT

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   People
   Organizations
   Documents / Images

Project: The Impact of Deer Overabundance on Forest Regeneration

View this project on the website

Project Name *
[The Impact of Deer Overabundance on Forest Regeneration]

Project Status ❶ *
[Active]

Project Type *
[Monitoring project]

Project Start Date ❶ *
[2013-01-01]

Project End Date ❶
[YYYY-MM-DD]

Project Description ❶ *
[The Environmental Monitoring and Management Alliance (EMMA) is examining the effects of deer overabundance on forest regeneration at seven sites centered in the Hudson Valley. These data, coupled with deer management programs, will allow us to both assess the impact deer are having on the survival of native species and evaluate the effectiveness of various deer management strategies across the region.]

Objectives ❶
[To examine the effect of overabundance of white-tailed deer on forest regeneration in urban and rural preserves throughout the Hudson Valley.]

Project Citation ❶
[How you want others to cite your project]

Make project public
❶ *   ◉Publish   ○Do Not Publish

[Submit Changes]

Logo/Feature Image

Change Logo   Change Feature Image

Tags ❶

[Add tags] [Add]

EMMA EXCLOSURE FOREST HEALTH GROWTH
HERBIVORY ODOCOILEUS VIRGINIANUS REGENERATION
SAPLING WHITE-TAILED DEER
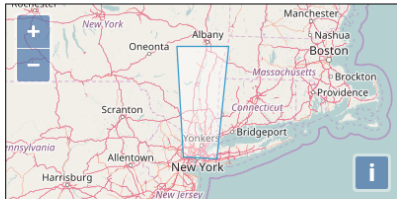
Themes ❶

Forest -> Forest Health
Wildlife -> Mammals
Change Themes

Project Links

Add Link

Project location

Change project site location

Manage Project People

Clicking "Manage Project People" allows you to add to or edit the list of project participants. You can give these participants varying levels of access to edit portions of the project.

♦ To edit someone's information, click on the pencil under the "Actions" column.

♦ The option will appear to change their settings for:

"Affiliation" (the org they work with),

"Status" (active, retired ,deceased, other)

"Project role" (Project Lead/ I, Project Participant, Student, Site Operator)

"Editing Access Level" (Project Editor, Dataset Editor, Data Entry Person, View Only)

"Start Date" (The date that someone's access begins)

"End Date" (After this date, the person's access will be cut off)

♦ After making any changes, click the "Save" button under the "Action" column.

♦ To delete someone from the list of participants, click the trash can under the "Actions" column. This person will no longer have access to the project, but they will retain their FEMC account.

MANAGE PROJECT PEOPLE

Project: The Impact of Deer Overabundance on Forest Regeneration

View this project on the website

Person	Affiliation	Status	Project Role	Editing Access Level	Start Date	End Date	Actions
Dan Aitchison	Ward Pound Ridge Reserva	Active ⌄	Project Lead/Principal Investigator ⌄	Project Editor ⌄	2017-01-19		Save Cancel
Lindsay Charlop	Vassar Farm and Ecological Preserve, Vassar College		Participant	Project Editor	2016-09-28		✏ 🗑
Lynn Christenson	Biology Department, Vassar College	Active	Project Lead/Principal Investigator	Project Editor	2013-06-13		✏ 🗑
Jamie Deppen	Environmental Cooperative, Vassar College	Active	Participant	Project Editor	2013-06-13		✏ 🗑
Vicky Kelly	Cary Institute of Ecosystem Studies	Active	Project Lead/Principal Investigator	Project Editor	2016-11-01		✏ 🗑
Elizabeth Long	Mohonk Preserve		Project Lead/Principal Investigator	Project Editor	2017-03-09		✏ 🗑
Chris Nagy	Mianus River Gorge		Project Lead/Principal Investigator	Project Editor	2017-02-03		✏ 🗑
Megan Napoli	Mohonk Preserve		Project Lead/Principal Investigator	Project Editor	2017-02-27		✏ 🗑
Erin Sanderson	Huyck Preserve		Participant	Project Editor	2017-01-19		✏ 🗑
Hillary Siener	Teatown Lake Reservation		Project Lead/Principal Investigator	Project Editor	2017-01-06		✏ 🗑
Keri VanCamp	Vassar Farm and Ecological Preserve, Vassar College	Active	Project Lead/Principal Investigator	Project Editor	2016-04-22		✏ 🗑

Add A New Person To Project

Add an **existing** database person   Add a **new** person to database and project

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Manage Project People

To add a new person to the project:

♦ First, determine whether or not they have an FEMC account. Under "Add a new person to project", click "Add an existing database person". Start typing in the person's name. If they already have an account, a drop-down menu will appear with their name. Select. If no drop-down menu appears, see pg 14.

Add A New Person To Project

Add an **existing** database person	Add a **new** person to database and project

Use this form to add a person to the project - the person must **already be in the database**

Person *

    2531

Lindsay Watkins
Lindsay Charlop
Lindsay Rustad

Display Role in Project *

    Choose one...

Access Level for the Project *

    View Only

Start Date *

End Date

Add Person to Project

♦ Choose the person's affiliation (FEMC provides the affiliation that was associated with that person. You can also choose "no affiliation" or add a new affiliation).

♦ Enter the rest of the information as you see fit and click "Add Person to Project".

Add A New Person To Project

Add an **existing** database person	Add a **new** person to database and project

Use this form to add a person to the project - the person must **already be in the database**

Person *

    Lindsay Charlop

Lindsay Charlop is currently affiliated with:
○ Vassar Farm and Ecological Preserve
○ No Affiliation
Or begin typing in the box below to choose a different affiliation.

Affiliation for this Project
Enter "No Affiliation" if not known or desired ❶ *

    No Affiliation

Display Role in Project *

    Choose one...

Access Level for the Project *

    View Only

Start Date *

End Date

Add Person to Project

Manage Project People

♦ If you start typing in a person's name and no drop down menu appears, click "Add new person to database and project." Fill out the information and click "Add person to directory and project". Fill out the information and click "Add person to directory and Project" at the bottom of the page.

Add A New Person To Project

| Add an **existing** database person | Add a **new** person to database and project |

Please verify that this person is not already in the database. If they are, use the other form to associate them with this project.

Note that once submitted, you cannot change a person's directory information, but you can modify their role in your project

DIRECTORY INFORMATION FOR NEW PERSON

Name prefix
> Choose one...

First Name *
> First name

Last Name *
> Last name

Name suffix
> Choose one...

Title
> The person's title

Primary Affiliation
Enter "No Affiliation" if not known or desired ❶ *
> No Affiliation

Other Affiliations
> The person's affiliation

Bio
> The person's Bio statement

Website
> The person's website

Display in directory? ☐ Yes

E-mail address
> eg joe@somewhere.com

Work phone
> XXX-XXX-XXXX

Home phone
> XXX-XXX-XXXX

Cell phone
> XXX-XXX-XXXX

PROJECT-SPECIFIC INFORMATION ABOUT THIS PERSON

Affiliation for this Project
Enter "No Affiliation" if not known or desired ❶ *
> No Affiliation

Display Role in Project *
> Project Lead/Principal Investigator

Access Level for the Project *
> Choose one...

Start Date *

End Date

| Add Person to Directory and Project |

Manage Project Organizations

Clicking "Manage Project Organizations" allows you to add to or edit the list of orgs affiliated with a project.

- To edit someone's information, click on the pencil under the "Actions" column.
- The option will appear to change their settings for:

     "Organizational Role" (Lead Institution, Partner, Providing Funding, Providing Volunteers)

     "Start Date" (The date that the org's involvement with the project began)

     "End Date" (The date that the org's involvement with the project will end)

- After making any changes, click the "Save" button under the "Action" column.
- To delete an organization from the list, click the trash can under the "Actions" column.

MANAGE PROJECT ORGANIZATIONS

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Project: The Impact of Deer Overabundance on Forest Regeneration

View this project on the website

Organization Name	Organization Role	Start Date	End Date	Actions
Cary Institute of Ecosystem Studies	Partner ˅	1992-01-01		Save Cancel
Huyck Preserve	partner	2013-01-01		✏ 🗑
Mianus River Gorge	partner	2013-01-01		✏ 🗑
Mohonk Preserve	partner	2017-01-01		✏ 🗑
Teatown Lake Reservation	partner	2013-01-01		✏ 🗑
Vassar Farm and Ecological Preserve, Vassar College	partner	2013-01-01		✏ 🗑
Ward Pound Ridge Reservation	partner	2013-01-01		✏ 🗑

Add A New Organization To Project

[Add an existing database organization] [Add a new organization to database and project]

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To add a new organization to the project:

♦ First, determine whether or not the org has been documented by FEMC. This will avoid duplication of an org in the system. Under "Add a new organization to project", click "Add an existing database organization". Start typing in the org's name. If that org has worked with FEMC before, a drop-down menu will appear with their name. Select. Fill in the information and click "Add organization to project".

Add A New Organization To Project

| Add an existing database organization | Add a new organization to database and project |

Use this form to add an organization to the project - the organization must **already be in the database**

Organization *

cary institute

Cary Institute of Ecosystem Studies -

~~Display Role in Project~~

Lead institution

Start Date *

End Date

Add Organization to Project

♦ If no drop-down appears, select "add a new organization to database and project." Fill in the information and click "Add organization to project".

Manage Project Documents and Images– Coming Soon

Manage Project Datasets

Clicking "Project Datasets" ON THE SIDEBAR ONLY will bring up a list of the datasets nested within your project. While the purpose of a project is to describe the initiative, the purpose of the dataset is to allow a user to access a particular dataset and all of the metadata/descriptive info about it.

♦ Click one of your datasets to make changes/ manage.

♦ To delete a dataset, click the trash can icon next to it.

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PROJECT: THE IMPACT OF DEER OVERABUNDANCE ON FOREST REGENERATION

View this project on the website

Add a new dataset to your project

Add a new dataset

Manage your existing datasets in this project

Deer Exclosure Monitoring Sapling Data for Huyck Preserve - Data collected on saplings in paired exclosed and unexclosed plots at Huyck Preserve

🗑 Deer Exclosure Monitoring Sapling Data for Mianus River Gorge - Data collected on saplings in paired exclosed and unexclosed plots at Mianus River Gorge

Deer Exclosure Monitoring Sapling Data for Mohonk Preserve - Click link below to access data!

🗑 Deer Exclosure Monitoring Sapling Data for Mohonk Preserve - Data collected on saplings in paired exclosed and unexclosed plots at Mohonk Preserve.

🗑 Deer Exclosure Monitoring Sapling Data for Teatown Lake Reservation - Data collected on saplings in paired exclosed and unexclosed plots at Teatown Lake Reservation.

🗑 Deer Exclosure Monitoring Sapling Data for the Cary Institute of Ecosystem Studies - Data collected on saplings in paired exclosed and unexclosed plots at Teatown Lake Reservation.

🗑 Deer Exclosure Monitoring Sapling Data for Vassar - Data collected on saplings in paired exclosed and unexclosed plots at the Vassar Farm and Ecological Preserve

🗑 Deer Exclosure Monitoring Sapling Data for Ward Pound Ridge - Data collected on saplings in paired exclosed and unexclosed plots at Teatown Lake Reservation.

Add a new dataset

Manage Project Datasets

♦ Navigate through the sections of the dataset by clicking on the blue buttons or by clicking the tabs on the sidebar.

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    Methods

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    Site Description

    Documents / Images

    Notes

    Versions

PROJECT: THE IMPACT OF DEER OVERABUNDANCE ON FOREST REGENERATION

DATASET: DEER EXCLOSURE MONITORING SAPLING DATA FOR HUYCK PRESERVE

View this dataset on the website

General Information — Manage dataset description, keywords, citation, authorship, etc

Manage Data — Add new data or replace existing data this dataset

Attributes/Field — Manage documentation about the fields in your data table

Methods — Manage documentation about the methods used to gather your data

Sampling — Manage documentation about the sampling procedures and equipment used

Site Description — Manage documentation about the site characteristics of data collection

Documents/Images — Manage the documents and images associated with this dataset

Notes — Manage notes about a dataset.

Versions — Manage verisions and subsets of this dataset.

Manage Dataset Information

Clicking "General Information" (the blue box) or "Basic Info" (on the sidebar) allows you to edit the Dataset Name, Dataset Description, Dataset Objectives, Dataset Status, start and end date, desired data license and citation, the update frequency and maintenance plan for the data, and whether or not the dataset's metadata and/or data are published. Mouse over the "i" next to each field for more information about it.

♦ To add a line of text that links to a webpage, follow this template: Text that is displayed

♦ You can add a "dataset logo" (feature image)

♦ You can add "tags", or terms that someone can search to reach your dataset

♦ You can add a map showing the extent of the project (you can upload a GIS file, or draw in a point or shape showing the boundaries)

♦ You can publish and unpublish the dataset's metadata and data independently of one another.

♦ Data licensing options are as follows:

> **Not licensed for access** - The data is not downloadable, no option given to request data.
> **By Request** - Data is not downloadable, user must fill out form with intended purpose to request access to data.
> **Attribution (CC 0)** - Fully open license - Others can distribute, remix, tweak, and build upon your work, even commercially. and do not need to credit you.
> **Attribution (CC BY)** - Others can distribute, remix, tweak, and build upon your work, even commercially; must credit you.
> **Attribution-ShareAlike (CC BY-SA)** - Others can remix, tweak, and build upon your work for commercial purposes; must credit you; must license their work under identical terms.
> **Attribution-NoDerivs (CC BY-ND)** - Commercial and non-commercial redistribrution as long as it is unchanged and in whole; must credit you.
> **Attribution-NonCommercial (CC BY-NC)** - Others can remix, tweak, and build upon your work non-commercially; must credit you; do not have to license their work identical terms.
> **Attribution-NonCommercial-ShareAlike (CC BY-NC-SA)** - Others can remix, tweak, and build upon your work non-commercially; must credit you; must license their work under identical terms.
> **Attribution-NonCommercial-NoDerivs (CC BY-NC-ND)** - Most restrictive. Others can download and share your work but can't change in any way or use commercially; must credit you.

♦ For more information on Data licensing, visit https://www.uvm.edu/femc/data/policy

Manage Data

Clicking "Manage Data" (the blue box or on the sidebar) allows you to preview your data, download your data, append new data to the existing dataset, or replace the data currently uploaded.

You will see a preview of your data, along with the option to download.

MANAGE THE DATA IN THIS DATASET

MANAGEMENT HOME

MANAGE MY PROFILE

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PROJECT: LC_TESTPROJECT

DATASET: LC_TESTPROJECT_DATASET1

View this dataset on the website

Add or append data

Preview/Download Add New Data

Download

Show 10 entries

Date	Time	Temp_Out	Hi_Temp	Low_Temp	Out_Hum	Dew_Pt_	Wind_Speed	Wind_Dir	Wind_Run	Hi_Spee
7/30/2014	12:00 AM	76.2	76.4	75.8	55	58.9	1	SW	0.5	5
7/30/2014	12:30 AM	76.2	76.6	76.2	52	57.3	1	SW	0.5	4
7/30/2014	01:00 AM	76.6	76.6	75.9	45	53.7	1	W	0.5	7
7/30/2014	01:30 AM	75.5	76.7	75.3	50	55.6	1	SW	0.5	8
7/30/2014	02:00 AM	74.8	75.5	72.6	49	54.4	1	W	0.5	3
7/30/2014	02:30 AM	74.4	75.2	74.4	52	55.6	0	S	0.0	2

Showing 1 to 10 of 27,078 entries

Previous **1** 2 3 4 5 ... 2708 Next

To add or append data, click "Add new data." A popup will appear prompting you to select a file. You can upload any type of file, but in order to be able to preview and manipulate the data

Data File : ❶

CSV files can be parsed and converted. All other file types are just imported.

Choose File Calder Hall Compiled Weather Data 7-2014 to 4-2017-1.csv (4.5 mb) ☑Convert into database table

Upload Data

Manage Data

FEMC will ask a few more questions before you commit to the final upload. You will be prompted to switch Dataset Versioning on or off. Turning Dataset Versioning on allows you to create a dataset that will be saved as a "version". This version can be sited as a valid dataset, updated as of its creation date.

Use the dropdown menu to switch versioning on or off. If you switch it on, fill out the name of the version. Click "Next".

No saved versions exist

Dataset Versioning: On ▽

○ Do not commit as new version

◉ Commit as new version

Name: *

LCharlopTestDataset1

Description

Test dataset for LC_Testproject

Next

You will be prompted to turn DOI minting on or off. If you would like your dataset to have a DOI address, turn DOI minting on, fill out the information, and click "Next."

DOI Minting: On ▽

Creator: ❶ *

EMMA; Charlop, Lindsay

Publisher: ❶ *

EMMA

Publication Year: ❶ *

2017

Title: ❶ *

LC Test Project Dataset 1

General Resource Type:

Dataset

Description: ❶

Additional Information

☐ I certify that, in regards to this resource, I have permission to mint the DOI, a DOI does not already exist, and the data is not stored elsewhere.

Next

To add a version or DOI address to a dataset that does not already have one, contact Jim Duncan.

Manage Data

Next, FEMC will read the first 100 rows of your dataset and try to derive some metadata from your upload. FEMC will guess at the Field Label, try to match each column with a column in the dataset already, and try to match the format and/or precision of the measurement. You should go through each field and CHECK TO MAKE SURE THAT FEMC GUESSED CORRECTLY. Be on the lookout especially if some of your variables are not always collected (for example, rainfall rate could easily remain 0 for the first 100 data points, but then have 3 decimal places for nonzero values further down in the dataset). After you have thoroughly inspected these fields, you can choose to either append the new data to whatever you had previously uploaded, or you can choose to replace it with your new data.

▾ Data Import Settings

The first 100 rows of data have been inspected.

In the table below, each row corresponds to a column/field in the uploaded file, and the name of that column/field is given in "Field Label in File".
For each row in the table below:

- **Choose how to import** each column of data from the uploaded file, named "Field Label in File". You can:
  - **Match** the "Field Label in File" to the "Field Label in Database" already described for this dataset in the system.
  - **Create a new field** in the database to import that column of data into
  - **Skip importing** that column
- **Select the Data Type** to the best match for that column.

Field Label in File	Field Label in Database	Data Type	Sample Value
Date	Import Into: Date	Date — Format: M/D/YYYY (10/14/2002)	7/30/2014
Time	Import Into: Time	Time — Format: h:mm A (9:13 AM)	12:00 AM
Temp Out	Import Into: Temp_Out	Decimal — # Decimal Places: 1	76.2
Hi Temp	Import Into: Hi_Temp	Decimal — # Decimal Places: 1	76.4
Arc. Int.	Import Into: Arc__Int_	Integer — Precise to nearest: 10	30

Append Data   Replace Data

Manage Data

If all goes well, you will be redirected to your Dataset Information/ Basic Info page, and you will see a spinning wheel icon next to the text "Dataset XX% Imported."

MANAGE DATASET INFORMATION

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PROJECT: LC_TESTPROJECT

DATASET: LC_TESTPROJECT_DATASET1

View this dataset on the website

Dataset 98% imported.

Dataset Name *
lc_testproject_dataset1

Dataset Description ❶ *
LC Test Project- for testing new VMC functions

Objectives ❶
Specific objectives or purpose for this dataset

Dataset Status ❶ *
Completed

Dataset Start Date ❶ *
2017-02-01

Dataset End Date ❶
YYYY-MM-DD

Publish metadata to the website ❶ ○ Publish
◉ Do Not Publish

Publish data to the website ❶
○ Publish
◉ Do Not Publish

Data License ❶
Choose one...

Learn more about the data licensing options

Dataset Citation ❶
How you want others to cite your dataset

Update Frequency ❶
Unknown

Maintenance Plan ❶
Planned maintenance activities for this dataset

Submit Changes

Change logo

Tags ❶

Add tags   Add

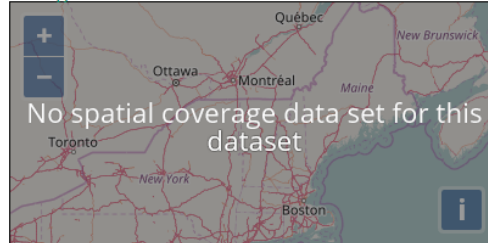## Dataset location

Change dataset site location

No spatial coverage data set for this dataset

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Manage Dataset Field Attributes/Metadata

Clicking "Attributes/field" (the blue box) or "Dataset Attributes" (on the sidebar) allows you to edit the Dataset's metadata attributes.

To add a new variable, scroll to the bottom of the list of variables and select "Add new dataset field metadata", fill out the information and select "Submit field metadata."

To edit a variable already on your list, click that variable. A popup will appear giving you the option to edit or remove the variable.

For each variable, you can edit:

♦ Field name

♦ Caption

♦ Description

♦ data type (whole number, integer, numbers with decimals, text, date, time, or datetime),

♦ measurement type (nominal, ordinal, interval, ratio, or datetime)

♦ the unit

♦ You can also designate a "Code List" for your variable. For example, if you have a variable "color" and the only options are "R" (red), "B" (blue), or "G" (green), you can show that. See pg 26. If you don't want to designate a code list, choose "False" under "Code List".

PROJECT: THE IMPACT OF DEER OVERABUNDANCE ON FOREST REGENERATION

DATASET: DEER EXCLOSURE MONITORING SAPLING DATA FOR HUYCK PRESERVE

View this dataset on the website

Manage Dataset Field Attributes/Metadata– Code List– Coming Soon

Manage Dataset Methods

Clicking "Methods" (the blue box or on the sidebar) allows you to edit the Dataset's methods.

To add a new method, click the blue box that says "new method".

To edit an existing method, click the pencil under the "Actions" column next to that method. To delete an existing method, click the trash can under the "Actions" column next to that method.

For each method, you can edit:

◆ The step number

◆ The method name

◆ The description of the method

◆ The start and end date for when that method is/was in use. Current methods will appear in the "active methods" table. Old methods will appear in the "inactive methods" table at the bottom of the page.

◆ Instrumentation and software required for the method

◆ Quality assurance / quality control (QAQC) measures

PROJECT: THE IMPACT OF DEER OVERABUNDANCE ON FOREST REGENERATION
DATASET: DEER EXCLOSURE MONITORING SAPLING DATA FOR HUYCK PRESERVE

View this dataset on the website

Manage the documentation of the methods used to collect the data, including deprecated methods and ordering methods into steps.

New Method

New method

Existing methods

Active Methods

Step Number	Method Name	Method Description	Start Date	End Date	Instrumentation	Software	QAQC Procedures	Action
1	Plot Establishment	A set of 10 m x 10 m permanent paired plots was established. A 5 m buffer was left between the two plots. The control or fenced treatment were randomly assigned to the plots at each area. The plot that was assigned to the fence treatment was enclosed in 8ft fence. A small hole was cut at ground level on each side of the fence to allow smaller herbivores entry to the fenced area. The four corners of the control plot were marked with metal fence posts.	2013-01-01		compass, GPS	ArcGIS	GPS points taken at plot corners.	✏ 🗑
2	Sapling Layer	All tree species between 0.5 and 2 m tall that are rooted over 50% inside the plot are evaluated in the sapling layer every 5 years. Saplings are tagged and assigned a number. The location (XY coordinates), presence of browse, species, and height (cm) to the tallest bud are measured.	2013-01-01	NULL	NULL		Data is proofread two times after entering.	✏ 🗑

Edit

Delete

Inactive/Past Methods

Step Number	Method Name	Method Description	Start Date	End Date	Instrumentation	Software	QAQC Procedures	Action

No methods associated with this dataset.

Manage Dataset Sampling Equipment

Clicking "Sampling" (the blue box or on the sidebar) allows you to edit the list of sampling equipment used to collect the data.

To add a new sampling equipment entry, click the blue box that says "new sampling".

To edit an existing entry, click the pencil under the "Actions" column next to that entry. To delete an existing entry, click the trash can under the "Actions" column next to that entry.

For each sampling equipment entry, you can edit:

- The sampling equipment name
- The description of the equipment
- The start and end date for when that equipment is/was in use. Current methods will appear in the "active methods" table. Old methods will appear in the "inactive methods" table at the bottom of the page.
- The sampling frequency

MANAGE DATASET SAMPLING

PROJECT: EMMA WEATHER STATION DATA - MOHONK PRESERVE
DATASET: MOHONK LAKE COOPERATIVE WEATHER STATION

View this dataset on the website

Manage the documentation of the sampling procedures and equipment used to collect the databank.

New Sampling ← Add new

Existing sampling

Edit

Active Sampling

Sampling Name	Sampling Description	Start Date	End Date	Frequency	Action
Temperature	NWS-Type liquid-in-glass maximum and minimum thermometers.	1948-05-01		DAILY	
Precipitation	Fischer-Porter Rebuild (Sutron)	2012-07-17		HOURLY	
Precipitation	NWS-Type Rain and Snow Gauge	2012-07-17		DAILY	
Snow	Snow Measuring Stick	2012-07-17		DAILY	
Snow	Snowboard	2012-07-17		DAILY	

Delete

Inactive/Past Sampling

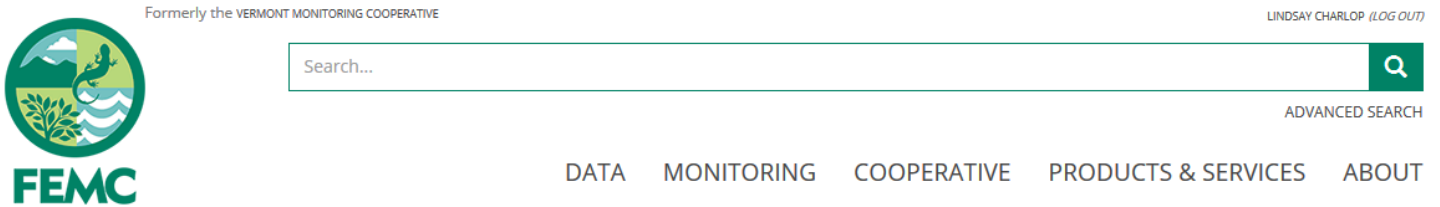| Sampling Name	Sampling Description	Start Date	End Date	Frequency	Action
Precipitation	Unknown	1948-05-01	1991-01-01	DAILY	
Precipitation	NWS-Type Rain and Snow Gauge	1991-01-01	1997-07-31	DAILY	
Temperature	NWS-Type liquid-in-glass maximum and minimum thermometers.	1991-01-01	1991-01-01	DAILY	
Precipitation	NWS-Type Rain and Snow Gauge	1997-07-31	2010-01-01	DAILY	
Temperature	NWS-Type liquid-in-glass maximum and minimum thermometers.	1997-07-31	1997-07-13	DAILY	
Precipitation	NWS-Type Rain and Snow Gauge	2010-01-01	2010-09-01	DAILY	
Snow	Snow Measuring Stick	2010-01-01	2010-09-01	DAILY	
Temperature	NWS-Type liquid-in-glass maximum and minimum thermometers.	2010-01-01	2010-01-01	DAILY	
Precipitation	NWS-Type Rain and Snow Gauge	2010-09-01	2012-07-17	DAILY	
Snow	Snow Measuring Stick	2010-09-01	2012-07-17	DAILY	
Temperature	NWS-Type liquid-in-glass maximum and minimum thermometers.	2010-09-01	2010-09-01	DAILY	
Temperature	NWS-Type liquid-in-glass maximum and minimum thermometers.	2012-07-17	2012-07-17	DAILY	

Manage Dataset Site Description

Clicking "Site Description" (the blue box or on the sidebar) allows you to edit the description of the study site.

To add a new site description, click the blue box that says "new site".

To edit an existing entry, click the pencil under the "Actions" column next to that entry. To delete an existing entry, click the trash can under the "Actions" column next to that entry.

For each site description, you can edit:

♦ The description of the site

♦ Minimum and maximum elevation and units

Manage Dataset Documents and Images– Coming Soon

Manage Dataset Notes

Clicking "Notes" (the blue box or on the sidebar) allows you to add and edit any notes about the dataset.

To add a new note, select a date range, type your note, and hit "submit new data note."

To edit an existing note, click "Modify". To delete a note, click "Delete".

For each note, you can edit:

♦ The date range (including time)

♦ The text of the note

Manage Dataset Versions– Coming Soon

Create a New Project

To create a new project, navigate to the list of projects and datasets that you have access to. At the top of your list of projects, click "Add a New Project".

MANAGE PROJECTS, DATASETS AND DOCUMENTS/IMAGES

MANAGEMENT HOME

MANAGE MY PROFILE

MANAGE MY CONTENT

Welcome Lindsay

From here, you can manage the projects, datasets and documents/images you own

- Jump to Projects
- Jump to Datasets
- Jump to Documents/Images

Your Projects

A "project" is the highest level of organization – it groups together people, datasets, organizations, documents and images

Add a new project

Search projects [   ]

Your role	Project name	Preview link
Project Editor	The Impact of Deer Overabundance on Forest Regeneration	View on site
Project Editor	EMMA Weather Station Data - Cary Institute of Ecosystem Studies	View on site
Project Editor	EMMA Weather Station Data - Vassar Farm and Ecological Preserve at Collins Field Station	View on site
Project Editor	EMMA Weather Station Data - Mohonk Preserve	View on site
Project Editor	EMMA Weather Station Data - Louis Calder Center	View on site
Project Editor	EMMA Weather Station Data - Huyck Preserve	View on site
Project		

Create a New Project

Then, fill out the form to create a project. Afterwards, you will be able to add other details, people, files and data. After you are finished, click "Create Project." You will be redirected to your new project management portal. Further customize your project using the instructions on pg 10.

CREATE A NEW PROJECT

MANAGEMENT HOME

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Use the form below to create a project. After creating the project, you will be able to add other details, people, files and data to your project.

Project Name *

[The name of the project]

Project URL ❶ *

[Preferred URL]

https://www.uvm.edu/femc/data/archive/project/

Project Status ❶ *

[Choose one... ▾]

Project Type *

[Choose one... ▾]

Project Start Date ❶ *

[YYYY-MM-DD]

Project End Date ❶

[YYYY-MM-DD]

Project Description ❶ *

[Description of the project]

Objectives ❶

[Objectives for the project]

Project Citation ❶

[How you want others to cite your project]

Make this project public ❶ *

○ Publish   ◉ Do Not Publish

[Create Project]

Create a New Dataset

To create a new dataset within a particular project, navigate to the management home page for that project and click "Create a new dataset."

MANAGEMENT HOME

MANAGE MY PROFILE

MANAGE MY CONTENT

> Project Management Home
  Project Information
  Project Datasets
  People
  Organizations
  Documents / Images

PROJECT: THE IMPACT OF DEER OVERABUNDANCE ON FOREST REGENERATION

View this project on the website

Edit Project Information Edit basic info, project location, tags, themes and logos

Create a new dataset Create a new dataset

Edit Project People Manage people associated with your project, give people editing access to your project

Edit Project Organizations Manage organizations associated with your project

Edit Project Documents/Images Manage documents and images associated with your project

Next, fill out your dataset name, status, start date and description. The dataset name will be used to generate the dataset's URL address.

CREATE A NEW DATASET

MANAGEMENT HOME

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Project Management Home
  Project Information
  Project Datasets
  People
  Organizations
  Documents / Images

Parent Project: LC_TestProject

You have decided to create a new dataset. Great!

Let's get some basic information first.

Dataset Name *

lc_testproject_dataset2

https://www.uvm.edu/femc/data/archive/project/lc_testproject/dataset/**lc_testproject_dataset2**

Dataset Status ❶ *

Proposed

Start Date ❶ *

2017-02-01

Description ❶ *

LC Test project dataset 2- for demo purposes

Submit Basic Info

VERMONT   USDA

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Create a New Dataset

Select whether you have data stored on your computer, whether you have a web link to your data, or whether you don't have data at this time.

CREATE A NEW DATASET

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Parent Project: LC_TestProject

Thanks for that information about **lc_testproject_dataset2**.

Do you have any data associated with this dataset?

○ Yes, and it is stored in a file on my computer
○ Yes, but I only have a web link to it
○ No, I don't have data at this time

[Go on...]

If you have data on a file on your computer, you will be prompted to upload the data and provide information about it. Follow the directions on pg 18.

If you select the second option (that you have a web link to your data), you will be prompted to paste the link. Do so and click "Go on."

Thanks for that information about **lc_testproject_dataset2**.

Do you have any data associated with this dataset?

○ Yes, and it is stored in a file on my computer
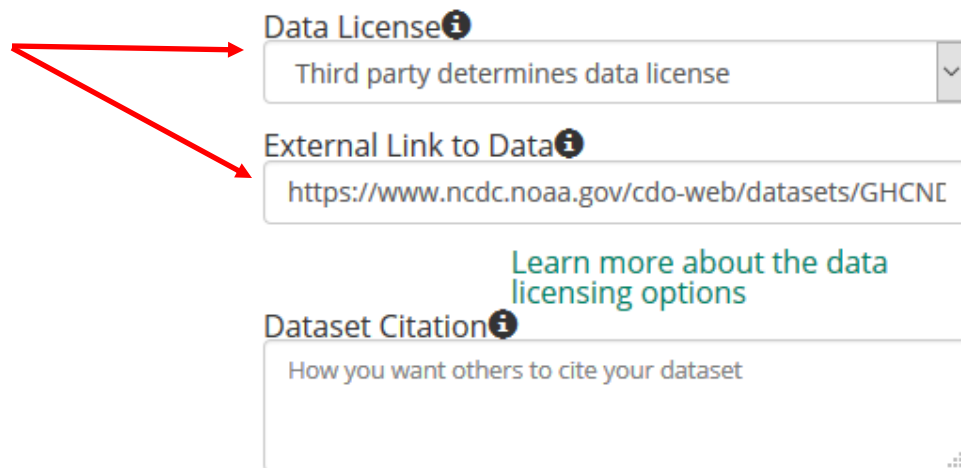◉ Yes, but I only have a web link to it

File Web Address:
ns/GHCND:USC00305426/detail

○ No, I don't have data at this time

Go on...

You will be redirected to your Dataset Information/ Basic Info page. Towards the bottom, you will see that the Data license has been set automatically to "Third party determines data license" and the external link to your data appears below. To further customize your dataset, see the instructions starting on pg 18.

Data License ⓘ

Third party determines data license

External Link to Data ⓘ

https://www.ncdc.noaa.gov/cdo-web/datasets/GHCNC

Learn more about the data licensing options

Dataset Citation ⓘ

How you want others to cite your dataset

If you select the third option (no, I don't have data at this time) and click "Go on", you will be redirected to your Dataset Information/ Basic Info page. To further customize your dataset, see the instructions starting on pg 18.