# Data Management Snapshot: Dataset Statistics, SPRUCE Closeout, and Data Provider Resources

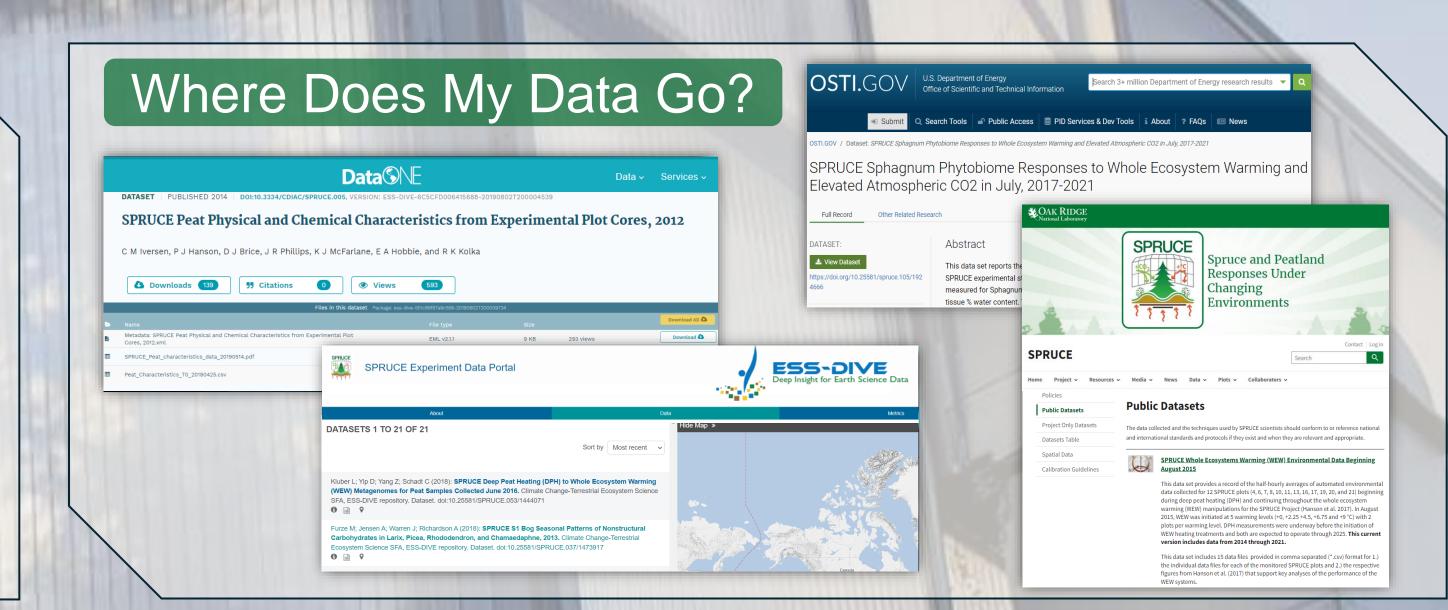
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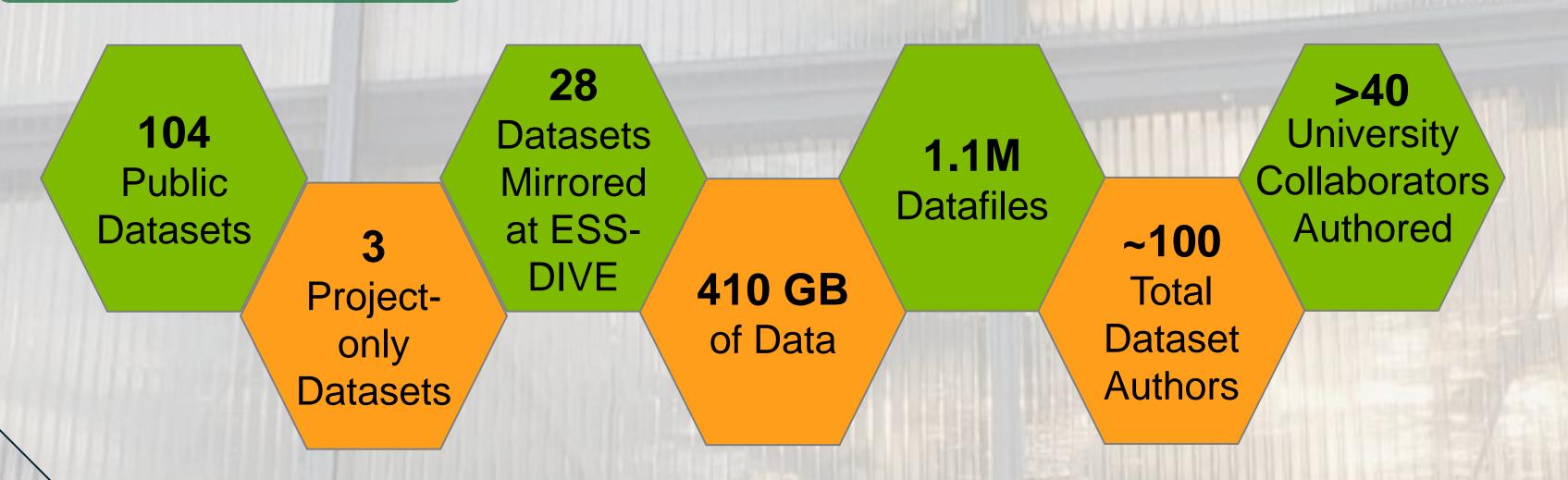
#### Data Team Services

#### Make SPRUCE Data FAIR and Open!

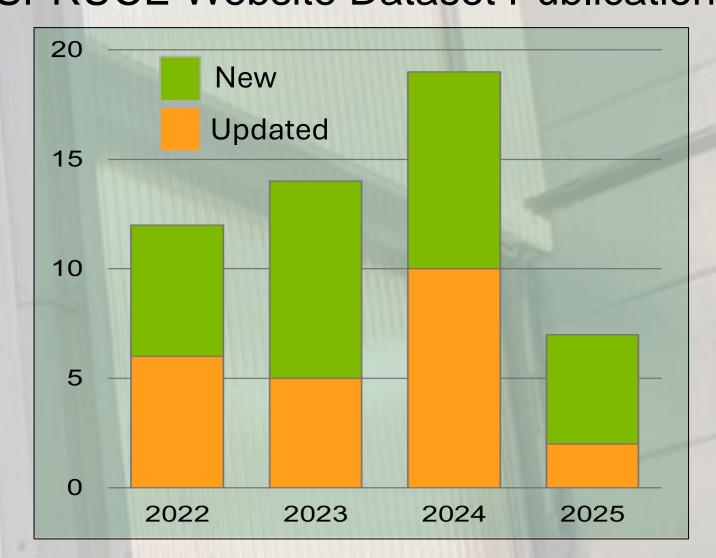
- Assist in the curation of data and metadata that advances reusability by employing FAIR principles and ESS-DIVE Reporting Formats
- Publish datasets with minted DOIs
- Manage data and other content on the SPRUCE website
- Developing a process to integrate sample metadata records with datasets
  - See: "The SPRUCE Sample Archive Organization, Availability," and Citation" poster



## Dataset Statistics

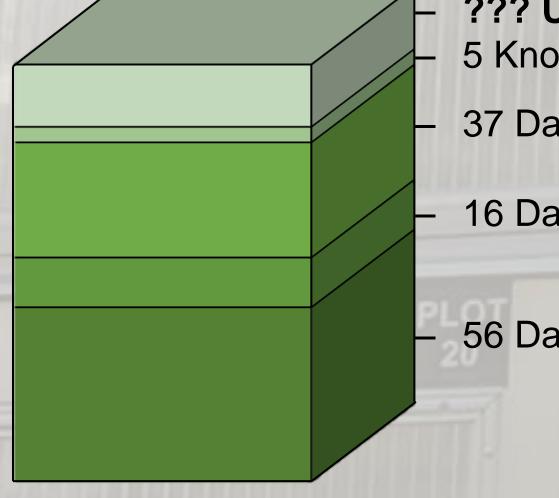


#### SPRUCE Website Dataset Publications



### SPRUCE Closeout

#### **Dataset Publication Status**



??? Unknown New Datasets 5 Known New Datasets

37 Dataset Updates (Confirmed)

16 Dataset Updates (Potential)

56 Datasets Finalized

#### Does the Team Know About Your Data?



Help us fight uncertainty and promote synthesis activities\* by confirming your field project is on the Measurements List!

\*Join us to discuss environmental data synthesis and data and sample archiving Wednesday at 2:45pm

#### SPRUCE Closeout FAQs

- What will happen to the SPRUCE website?
  - Site will be actively maintained through at least FY28. We are still figuring out what will happen afterward.
- What will happen to SPRUCE datasets?
- Datasets are being mirrored at ESS-DIVE
- Datasets will be available on the SPRUCE website through FY28, afterward data will remain available on ESS-DIVE.
- O What if I need to submit a dataset?
  - Contact the data team sooner than later. We will continue to assist with dataset submissions through FY28; however, assistance after FY28 is TBD.

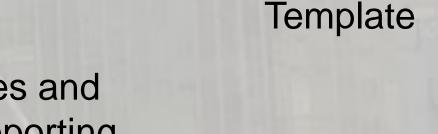
#### Provider Resources



#### What's Available:

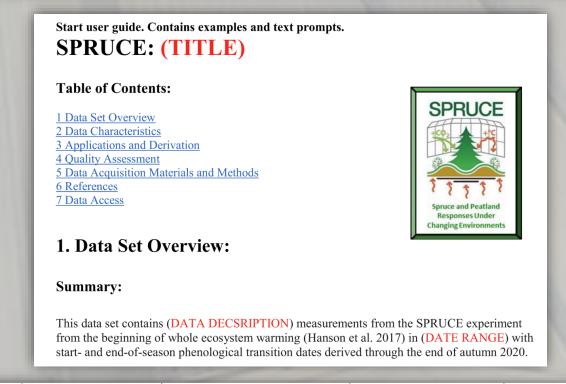
- A resources folder with templates and instructions for collecting and reporting information as part of a dataset submission.
- Files to make this a smooth process for authors, while balancing the need to make a dataset reusable.
- Outlines for producing a dataset's four parts:
  - Data files
  - User guide (metadata)
  - Data dictionary
  - Author information

## **Data Dictionary**

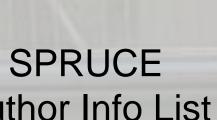


**User Guide** Template

column_or_ row_name	unit	definition	column_or_row _long_name	data_type	missing_value_code
Year	YYYY	Year of observation	Year	Date	
Plot	N/A	Spruce Experiment plot number	Spruce Experiment Plot	Numeric	
CO2_treat ment	N/A	Plot CO2 treatment. "A" indicates ambient CO2 and "E" indicates elevated CO2	CO2 treatment	Text	N/A
CO2_conc	ppm	CO2 concentration measured in parts per million	CO2 concentration (PPM)	Numeric	-9999



SPRUCE **Author Info List** 







ORCID\_link

