GRANTS Data Viewing Manual

情報事業部研究事業情報グループ

科学を支え、未来へつなぐ
科学技術振興機構

Revision History

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About This Manual

This manual explains how to view data on GRANTS Data.

GRANTS Data uses Digital Science's Figshare as its platform. This manual provides supplementary information specific to GRANTS Data. For detailed information on Figshare's interface and features, please also refer to the Figshare Official Manual as needed.
Figshare Official Manual (English):
https://info.figshare.com/user-guides

Please note that Figshare regularly updates its interface and features; therefore, the actual screens and functions may differ from the descriptions in this manual.

If you have any questions regarding usage, please contact us by email at grantsdata-contact@jst.go.jp.

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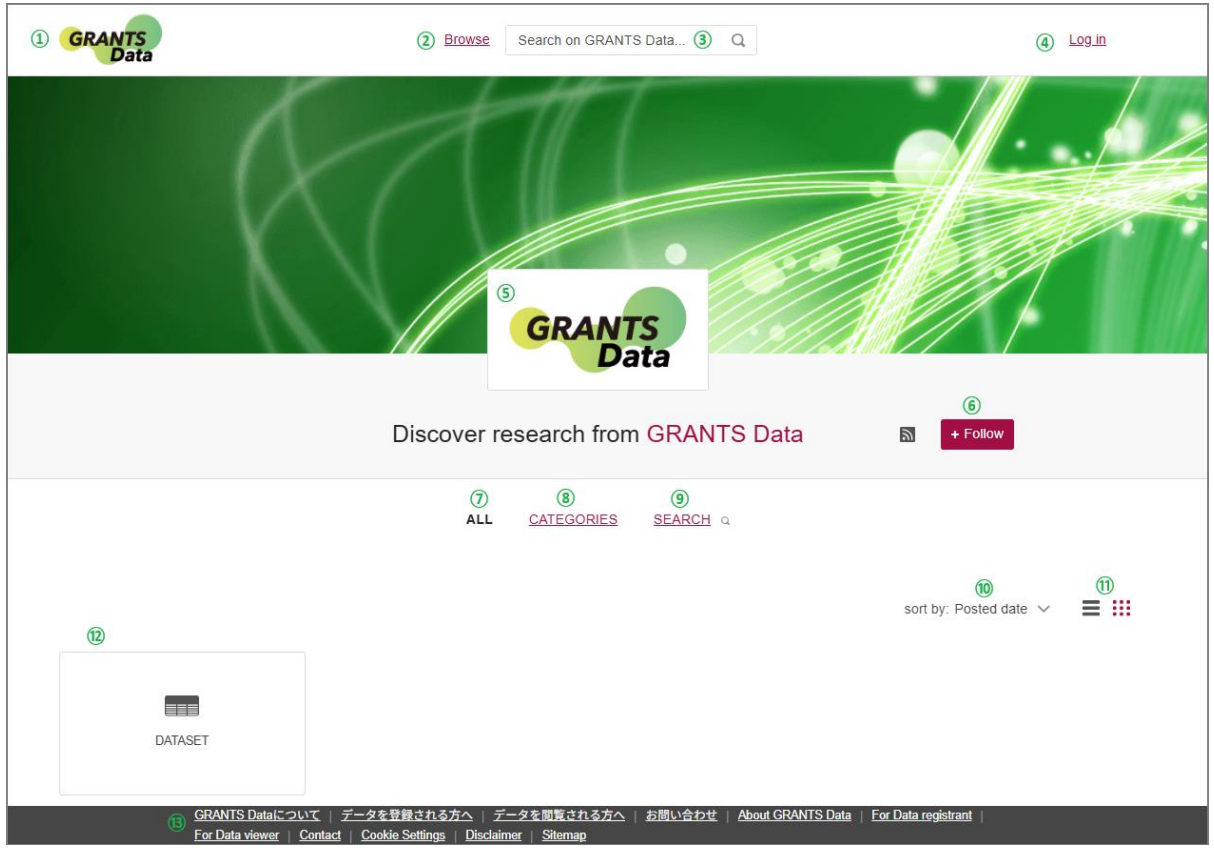
付録

1 GRANTS Data Top Page

On GRANTS Data, research data published on the platform is referred to as an “item”. An item consists of one or more files, along with metadata that describes the content. The top page (https://grantsdata.jst.go.jp/) provides a list of published items and navigation options, such as categories by research field. The main display elements are as follows:



① Logo (Top Menu Bar): Always displayed. Click to return to the Top Page.

② Browse:Always displayed in the top menu. Click to return to the top page.

③ Search Box: Enter keywords here to start a search.

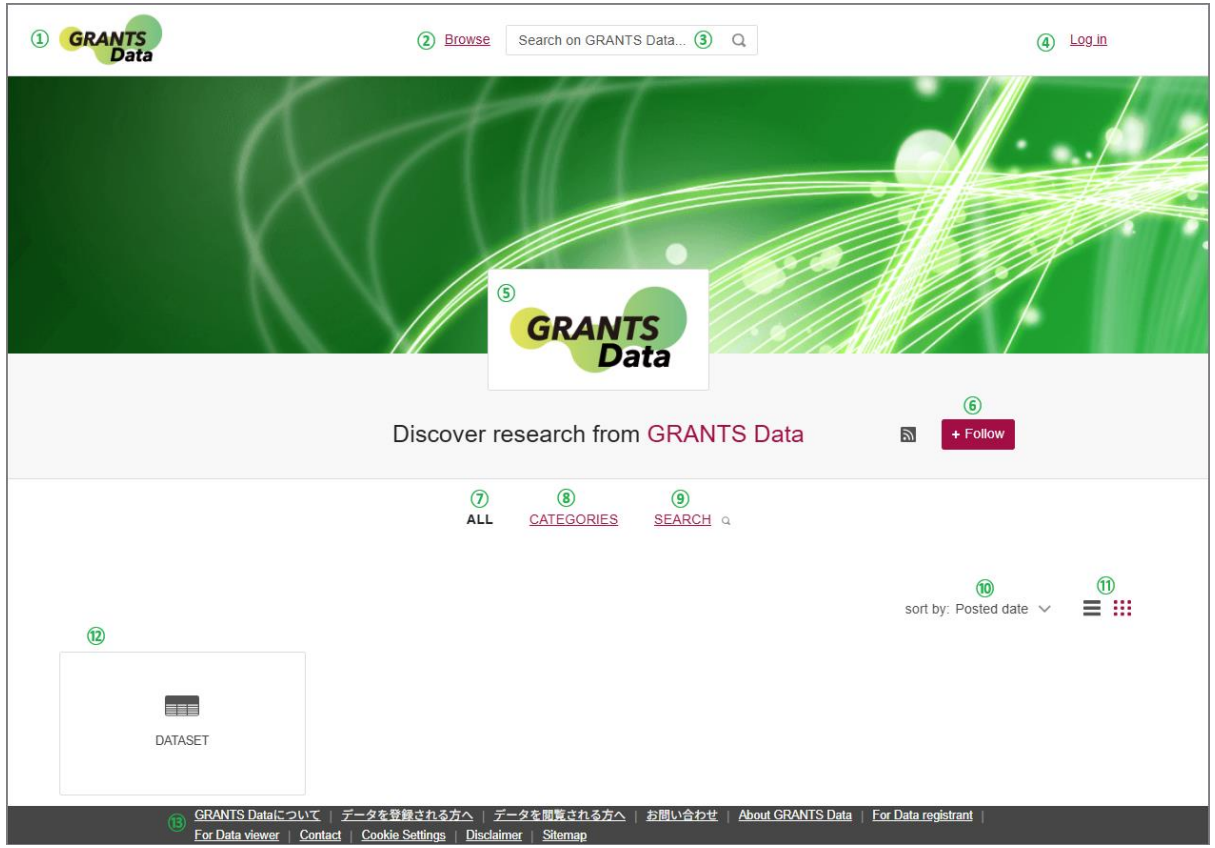
④ Log in: For users who register data. No login is required for browsing data.

⑤ Logo (Center of Page): The GRANTS Data official logo.

⑥ Follow: This feature is not available to general users.

⑦ ALL: Click to display all items published on GRANTS Data, sorted by the newest publication date.

1 GRANTS Data Top Page



⑧ CATEGORIES: Click to display a list of items categorized by e-Rad research fields (see Appendix 1).

⑨ SEARCH: Click to display a search box similar to element ③, where you can enter keywords to start a search. By clicking Help?, which appears at the same time, you can open the help page to refer to search methods. For details, please see "2.3 Searching from the SEARCH Screen."

⑩ Sort: Allows you to specify the display order of items. By default, "Posted date" (the date the data was published) is selected, but you can also sort by "First online date" (the date the data first appeared online). You can choose either ascending or descending order for each.

⑪ View: You can choose between "List View" or "Grid View."

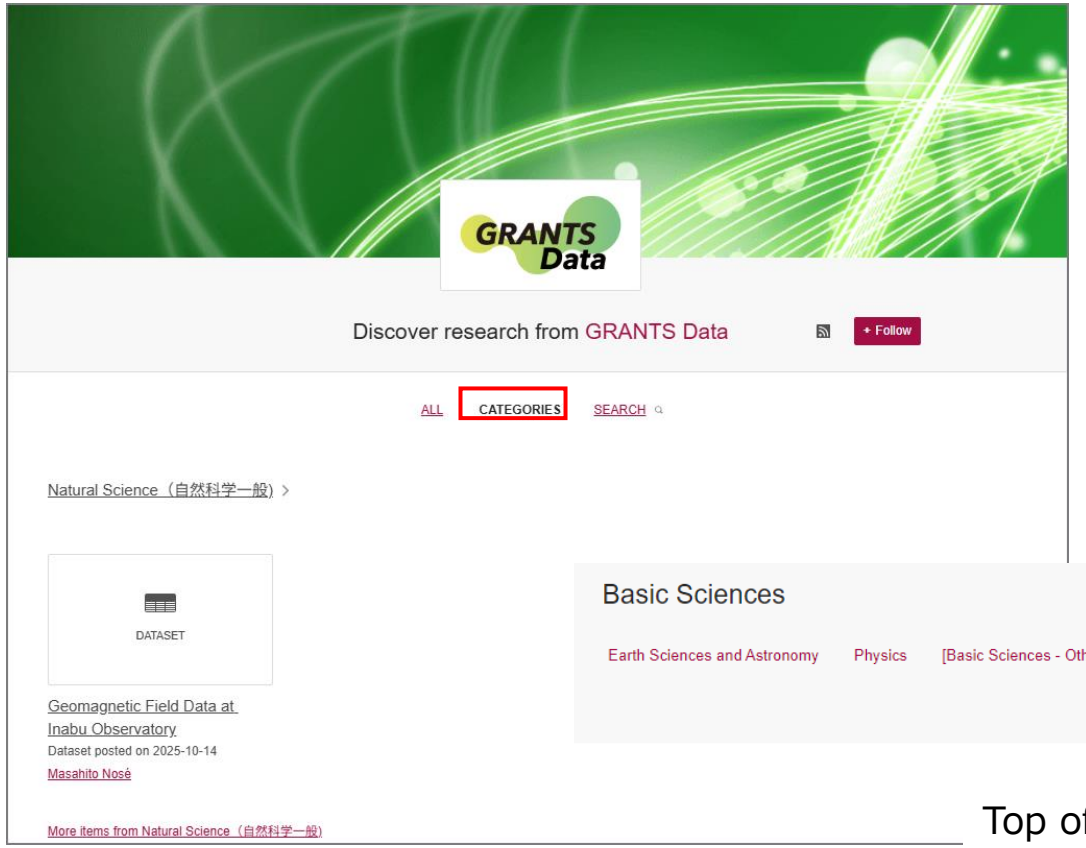
⑫ (Item): Click on an individual item to navigate to its Item Detail Page. For details, please see "1.2 Item Detail Page."

⑬Footer: Always displays links to information about GRANTS Data, terms of use, manuals, and other resources.

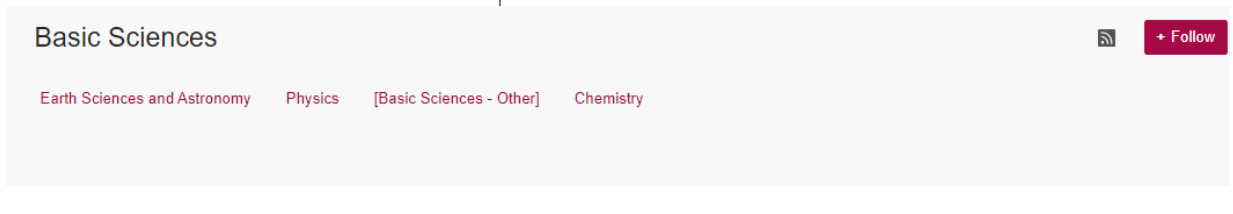
1.1. Category Pages (by Research Field)

By clicking “CATEGORIES” in the center of the GRANTS Data top page, you can display a list of items categorized by e-Rad research fields (see Appendix 1). Clicking on a specific field name will take you to the page for that field (Category Page).

When searching on a Category Page, the search results will be limited to that specific field only.



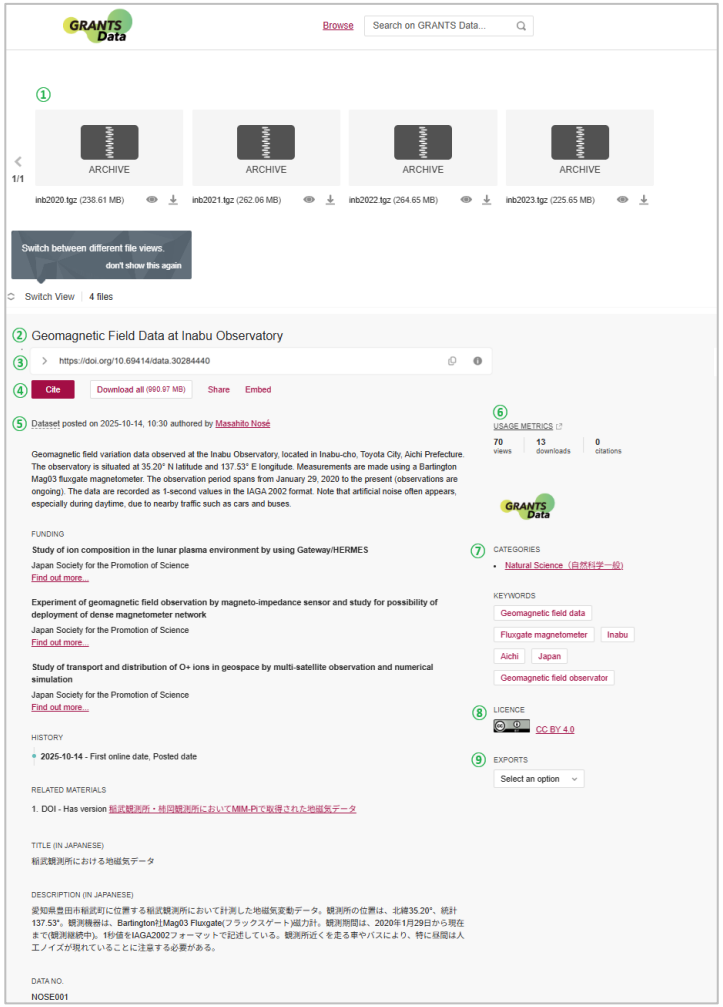
Furthermore, sub-categories are displayed at the top of the Category Page, allowing you to click and narrow down your results further.↓



Top of the Category Page

1.2. Item Detail Page

Clicking on an item in the list on the top page, category pages, or search results pages will display the Item Detail Page. The main functions and elements of the Item Detail Page are as follows:



① File Preview: Displays a preview of the file, allowing you to check the content without downloading it (previews may not be available for some file types). Buttons to scroll, zoom in, or zoom out are provided based on the file format.

② Title: Displays the title of the item.

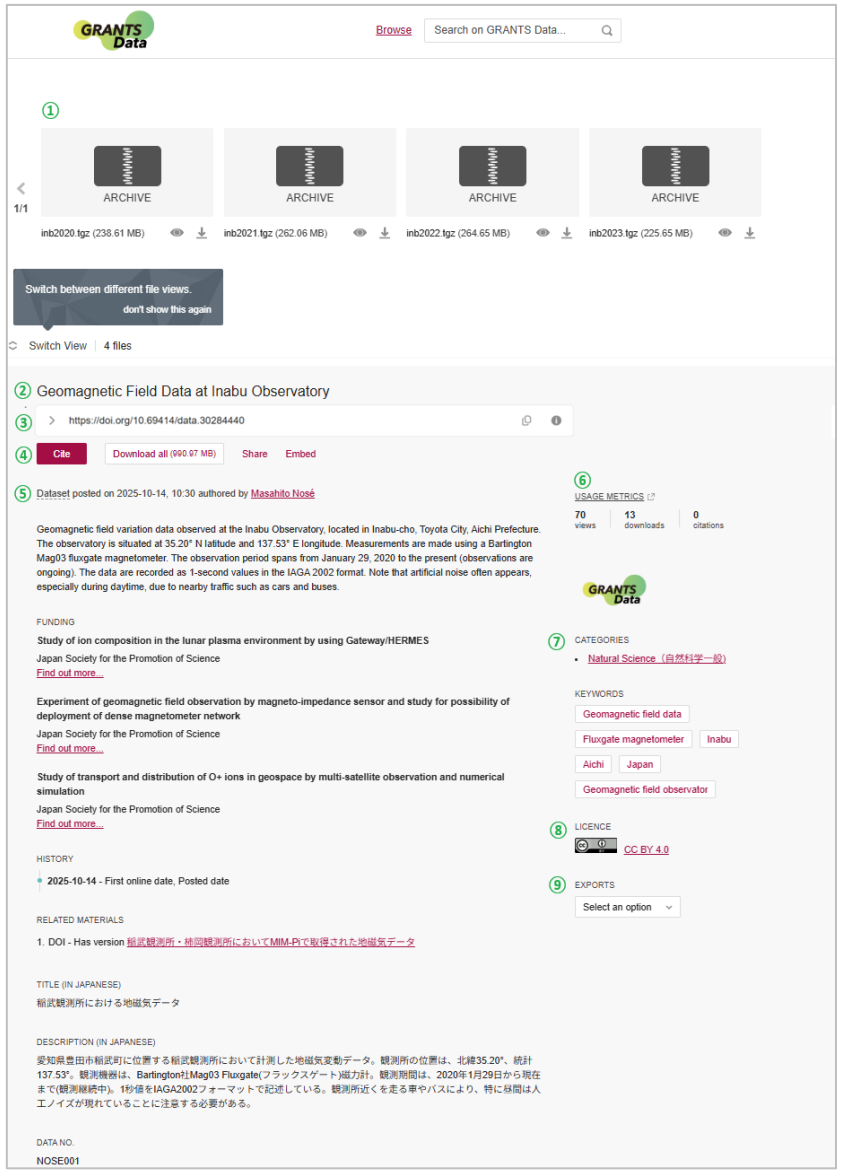
③ DOI: Displays the item's Base DOI (which links to the latest version). Please use this DOI when citing the item. By clicking the toggle, you can check the DOI for a specific version of the item. If you wish to cite the data at its current stage, please select the versioned DOI.

④ Data Utilization Features: You can utilize the item in various ways by clicking the following buttons:

- Cite: Displays the bibliographic information required for citation in a specified format (default is DataCite). Click "Copy citation" to copy it.
- Download (all): Allows you to download the item's files. Please check the displayed file size before downloading.
- Share: Allows you to share the item on social media.
- Embed: Displays an <iframe> tag, which can be copied and embedded into other web pages. you can display a thumbnail image of the item with a direct link.

⑤ Item Details: Displays metadata related to the item, such as the author(s) and the description.

1.2. Item Detail Page



⑥Usage Statistics: Displays statistics on how the item is being used, including:

- Views: Shows the total number of times the item has been viewed on GRANTS Data.
- Downloads: Shows the total number of times the item's files have been downloaded.
- Citations: Shows how many times the item has been cited by papers or other documents indexed in the Dimensions database. For more details on Dimensions, please refer to [this link] (external site).
- Altmetric: Displays indicators of online attention, such as on social media (only appears for data with social media mentions). For more details on Altmetric, please refer to [this link] (external site).

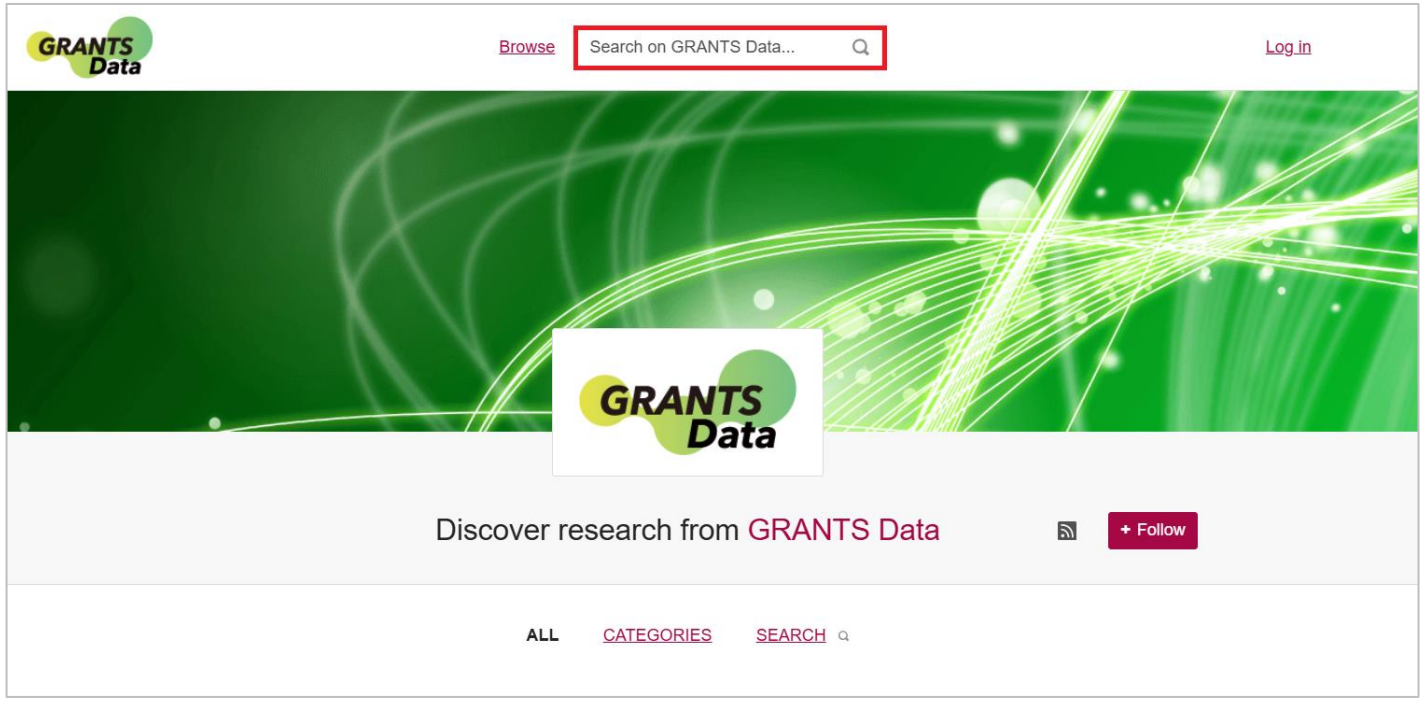
⑦Categories and Keywords: Displays the category name the item belongs to and related keywords. Clicking on a category or keyword will automatically trigger a search for other items within GRANTS Data associated with that term.

⑧License Information: Displays the license assigned to the item (see Appendix 2). When using the data for secondary purposes, please ensure you comply with the terms of this license.

⑨Export Features: Allows you to export the item's metadata for use with reference management software. Supported formats include RefWorks, BibTeX, Ref. manager, Endnote, DataCite, NLM, and DC.

2 Searching in GRANTS Data

From any page on GRANTS Data, you can perform a search by entering keywords into the search box at the top of the page labeled "Search on GRANTS Data...".



2.1. Basic Search

2.1. Basic Search

By entering a keyword into the search box at the top of the screen and pressing the Enter key, the search will be executed. For example, if you perform the search below, items on GRANTS Data that contain the word "cell" in their metadata will be retrieved and displayed.

Cell

You can also perform an exact match search for a specific phrase by enclosing it in double quotation marks (" "). For instance, searching for "stem cell" as shown below will retrieve items that contain the exact phrase "stem cell" in their metadata.

“stem cell”

Please note that if you do not use double quotation marks, as shown in the example below, the system will search for all items that contain any of the words "cancer," "cells," or "treatment."

cancer cells treatment

2.2. Search Results Display

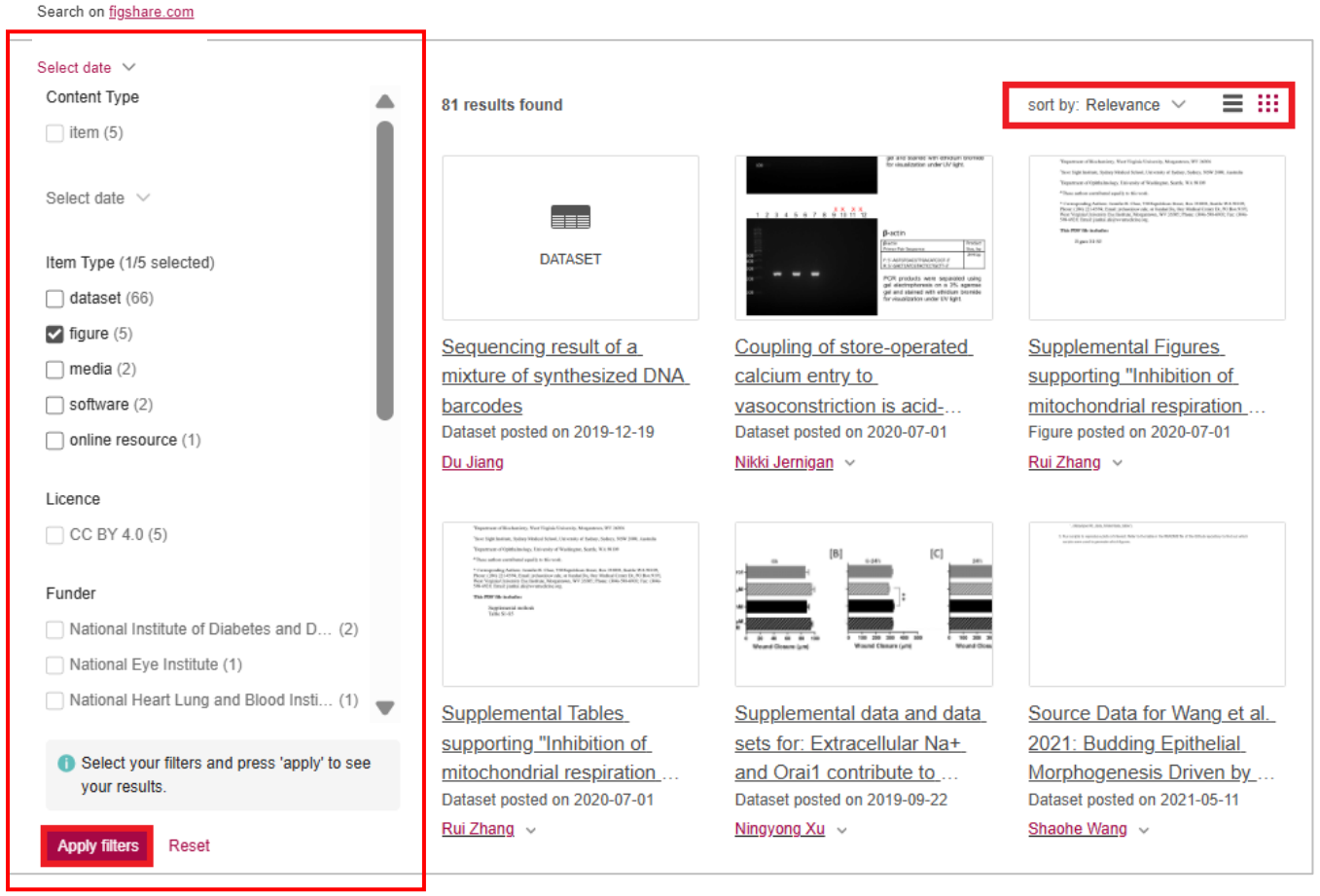
On the search results screen, a list of search results is displayed on the right side of the screen. By default, items are sorted by "Relevance," but you can also sort them by "Posted date," "Citations," and other criteria. The icons to the right of the sort menu are buttons to toggle between Thumbnail (Grid) view and List view.

The left side of the screen provides filtering features, which are used to further narrow down your current search results. To apply a filter, select the desired checkboxes and click the Apply filters button that appears.

Filtering options include:

- License
- date(Select from either "Posted" or "First Online")
- Item type
- Category

(These categories may vary depending on the diversity of the data retrieved.)



2.3. Searching from the Search Screen

Clicking the SEARCH button on the Top Page will bring up the screen shown on the right.

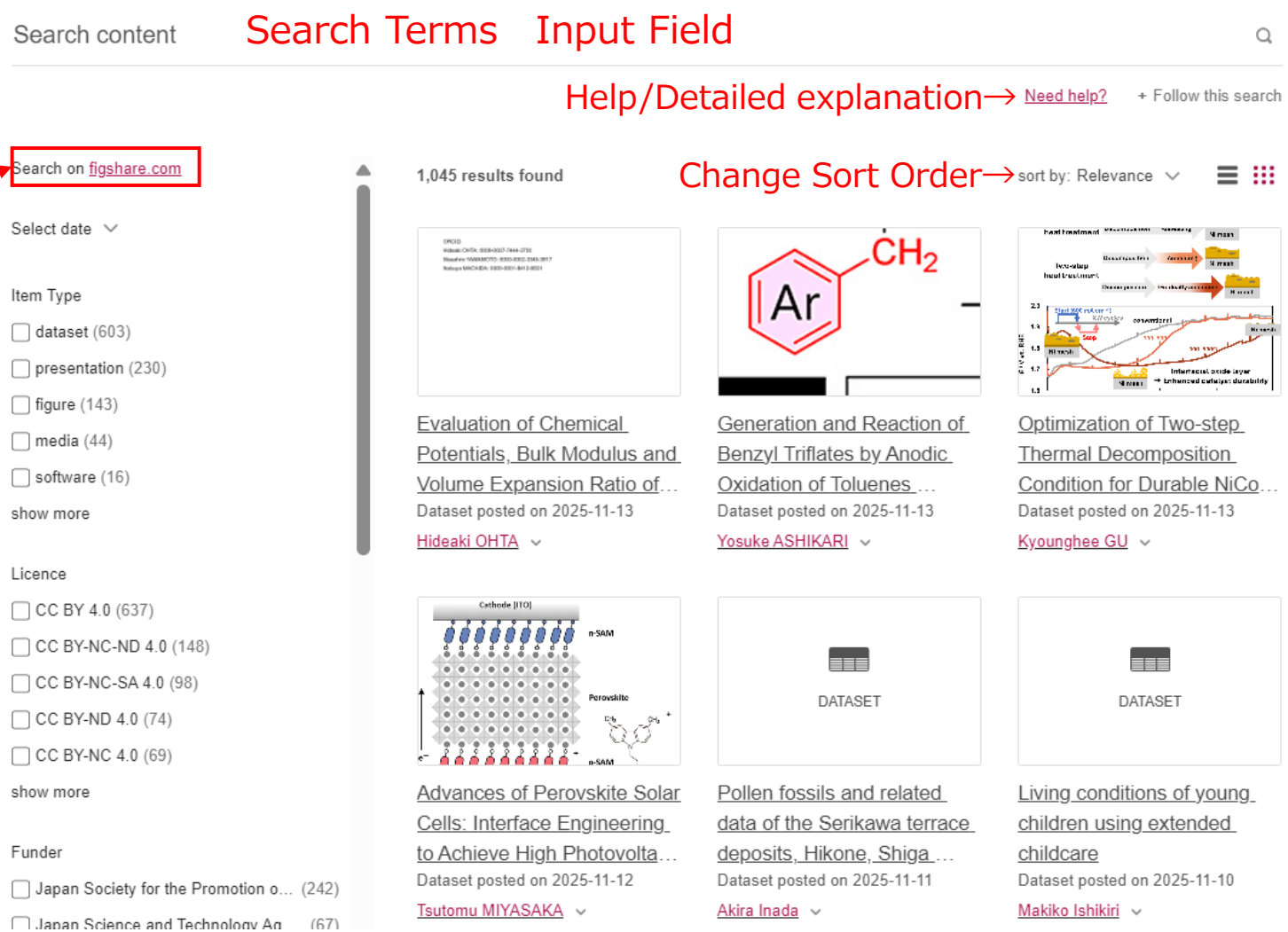
This feature allows you to search other databases within the Figshare ecosystem (e.g., figshare.com) using the same search terms.

Conversely, GRANTS Data is also searchable from these other systems (making it highly accessible to international users).

Reference

Posted date: The date the data was published.

First online date: The date the data first appeared online.



2.4. Advanced Search

2.4. Advanced Search

To target a specific metadata field for your search, enclose the field name in colons (:). For a list of target fields, please refer to "Appendix 3: Searchable Items in GRANTS Data."

For example, performing the search below will retrieve only items where the term "cancer cell" is set specifically in the keyword field.

```
:keyword: cancer cell
```

Please note that exact match searching is applied automatically when searching within the keyword field, even without using double quotation marks. For instance, the following search will only retrieve items where the exact phrase "music and puppets" is set as a keyword; it will not retrieve items that have only "music" or only "puppets" as keywords.

```
:keyword: music and puppets
```

You can also search across multiple metadata fields simultaneously. For example, to find data that contains "cancer" as a keyword and belongs to the "chemistry" category, the following search is effective. In such cases, please ensure that you type "AND" in capital letters to perform an AND search.

```
:keyword: cancer AND :category: chemistry
```

2.4. Advanced Search

You can also perform AND or OR searches by repeating the same metadata field. For example, the following search performs an OR search for three different author names and displays items that include any of these authors.

```
:author: M. Hahnel OR :author: J. Smith OR :author: Albert Einstein
```

You can combine both AND and OR operators in a single search. For example, the following search retrieves items that either have "law" in the title or "democrat" as a keyword, AND also contain "respect" in any of the metadata fields.

```
:title: law OR (:keyword: democrat AND :search_term: respect)
```

When searching within fields such as the title or description, you can perform an exact match search by using double quotation marks. In the example below, the system searches for items containing the exact phrase "Line balancing for improving production" in the title; additionally, items containing any of those individual words in their metadata will be displayed based on their relevance.

```
:title: “Line balancing for improving production”
```

2.4. Advanced Search

It is also possible to combine searches targeting specific metadata fields with general searches. For example, the following query searches for items that contain "science" in the title, are tagged with the keyword "cell," and also contain the phrase "private research" in any metadata field.

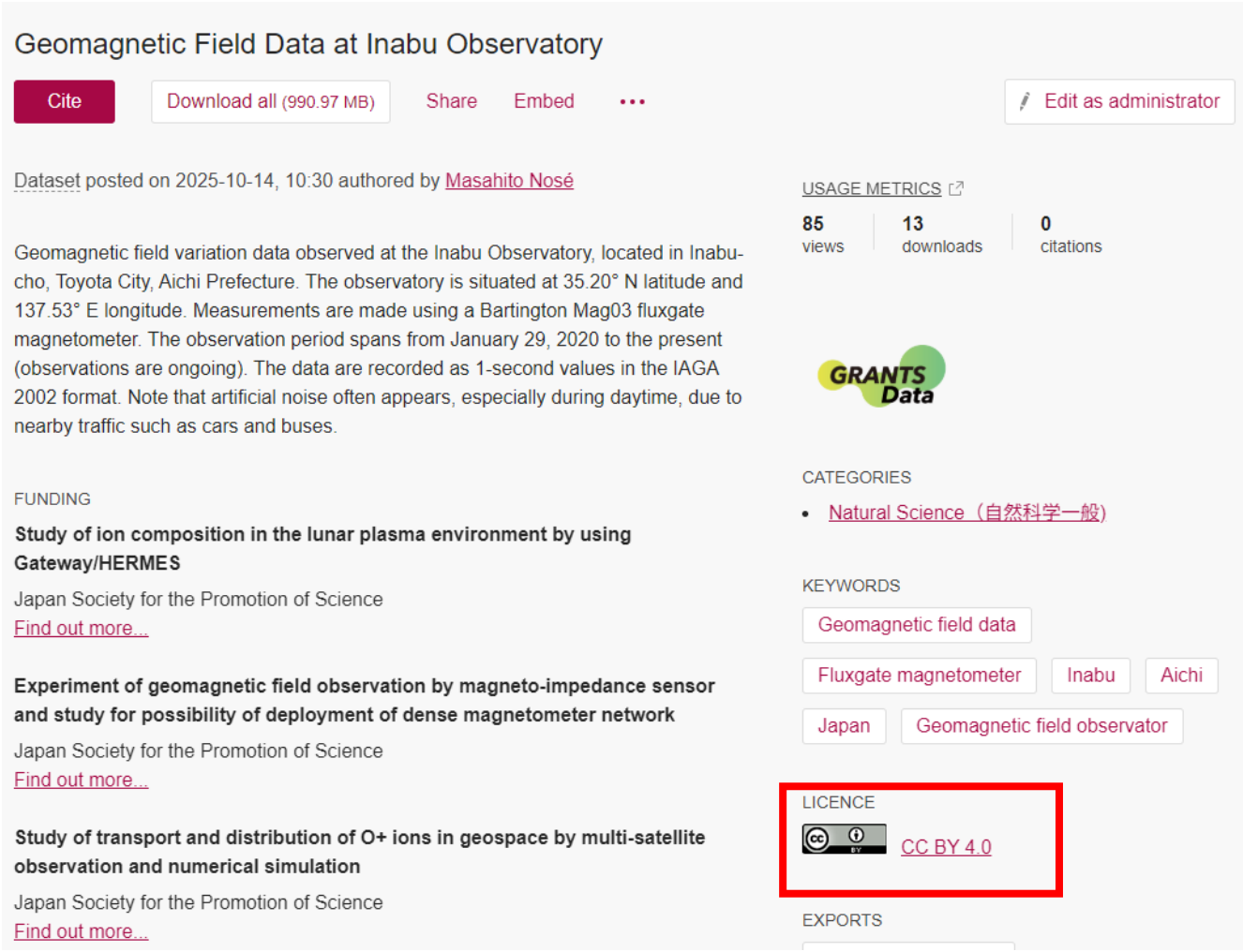
```
:title: science AND :keyword: cell AND :search_term: private research
```

In Advanced Search, an error message will be displayed if the search expression is ambiguous or incorrect. Please follow the instructions in the message and correct your search query accordingly.

3 Data Utilization

When using the data, please ensure that you comply with the License indicated on the right side of the content page.

By clicking on the license itself, you can learn more about the different types of licenses and your rights regarding usage, reuse, and attribution.



3.1. About Creative Commons (CC) Licenses

Creative Commons (CC) licenses are a framework that allows copyright holders to grant permission for reuse of their work under specified conditions.

- BY(Attribution): You must provide appropriate credit for the work.

  →It is recommended to include the TASL (Title, Author, Source, License) as much as possible.

  For the Source, it is a good practice to include the DOI.

- NC(Non-Commercial): You may not use the work for commercial purposes.

  →This significantly limits how the data can be used. However, using it for your own personal research is permitted.

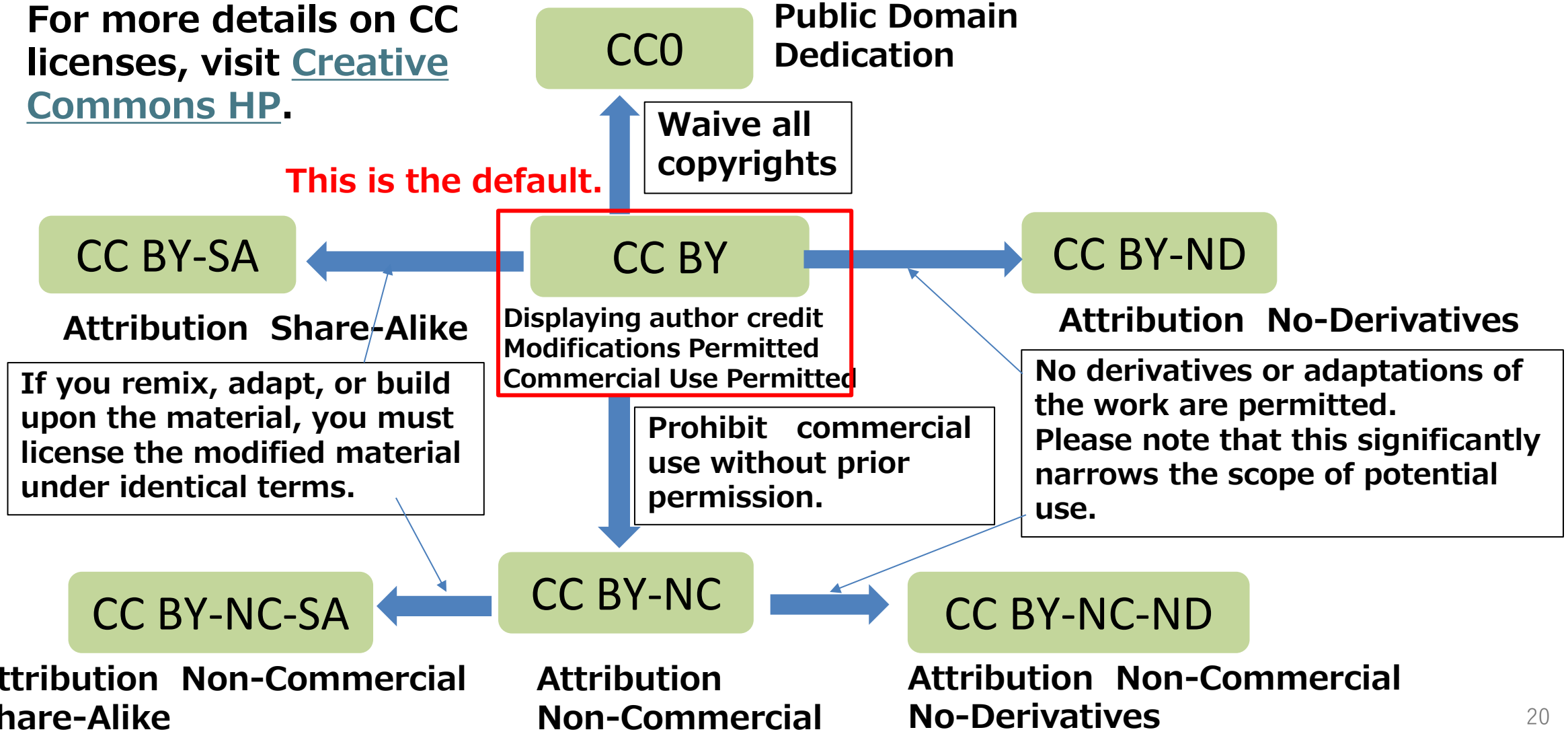
- ND(No-Derivatives): You may not distribute modified versions of the work.

  →Since research data is often combined with other data, this can become a significant restriction on practical use. (Generally not recommended for research data)

- SA(Share-Alike): You must publish your work under the same CC license as the original.

3.1. About Creative Commons (CC) Licenses

For more details on CC licenses, visit Creative Commons HP.



3.2. How to Use the Data

- When using the data in a research paper or other publication, please follow the specific guidelines of the journal; however, we ask that you include the information in your reference list at the end of the paper as much as possible.
- For the citation, click the "Cite" button and use the TASL information provided there. The DOI is crucial.

(Example) Nosé, Masahito (2025). Geomagnetic Field Data at Inabu Observatory. GRANTS Data. Dataset. https://doi.org/10.69414/data.10990329.v1

- There are systems that track citations through reference lists and DOI displays. By following the steps above, the data usage can be properly credited as the right holder's achievement.

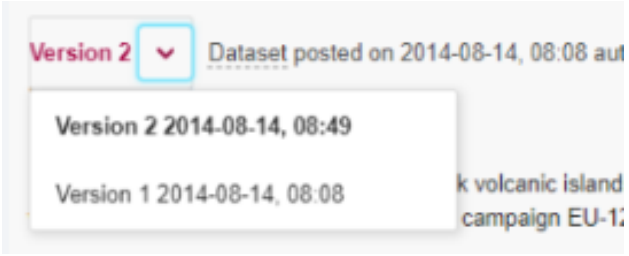
3.3. Understanding Versions

Publication of Version 1

https://doi.org/10.6084/m9.v1

https://doi.org/10.6084/m9→×Link destination moves upon publication of Version 2

Title change
Author change
Add, delete, or update data
(License change)



All previous versions remain preserved and accessible on GRANTS Data.The base DOI (without a version suffix) always links to the latest published version

https://doi.org/10.6084/m9.v2

https://doi.org/10.6084/m9 →×Moves upon publication of Version 3

Publication of Version 2

Title change
Author change
Add, delete, or update data

Publication of Version 3

https://doi.org/10.6084/m9.v3

https://doi.org/10.6084/m9

Appendix 1: List of e-Rad Research Fields

- Energy Engineering
- Environmental science
- Frontier Technology
- Humanities & Social Sciences
- Informatics
- Life Science
- Manufacturing Technology
- Nanotechnology/Materials
- Natural Science
- Social Infrastructure
- Others

Appendix 2: List of Licenses

License	Applicability	BY Attribution required	SA Share-Alike Required	ND No-Derivatives	NC Non-commercial use only	LINK
CC BY 4.0 (default)	Data license	✓				Definition
CC-0						Definition
CC BY-SA 4.0		✓	✓			Definition
CC BY-ND 4.0		✓		✓		Definition
CC BY-NC 4.0		✓			✓	Definition
CC BY-NC-SA 4.0		✓	✓		✓	Definition
CC BY-NC-ND 4.0		✓		✓	✓	Definition
License	Applicability	Source code disclosure required		Patent Permission*		LINK
MIT	software license					Definition
GPL 2.0		✓				Definition
GPL 3.0		✓		✓		Definition
Apache 2.0				✓		Definition

*Patent Permission: You may freely use the patents included in the Subject Software, provided that such use is limited to the utilization of the Subject Software.

Appendix 3: Searchable Items in GRANTS Data

Field	Search Target	
:title:	Title	Exact Match
:description:	Description	Exact Match
:keyword:	Keywords	Exact Match
:category:	e-Rad Research fields	Exact Match
:author:	Author	Exact Match
:item_type:	Item type	Exact Match
:search_term:	all fields	Partial Match
:orcid:	ORCID	Exact Match
:doi:	DOI	Exact Match
:licence:	Licence	Exact Match