



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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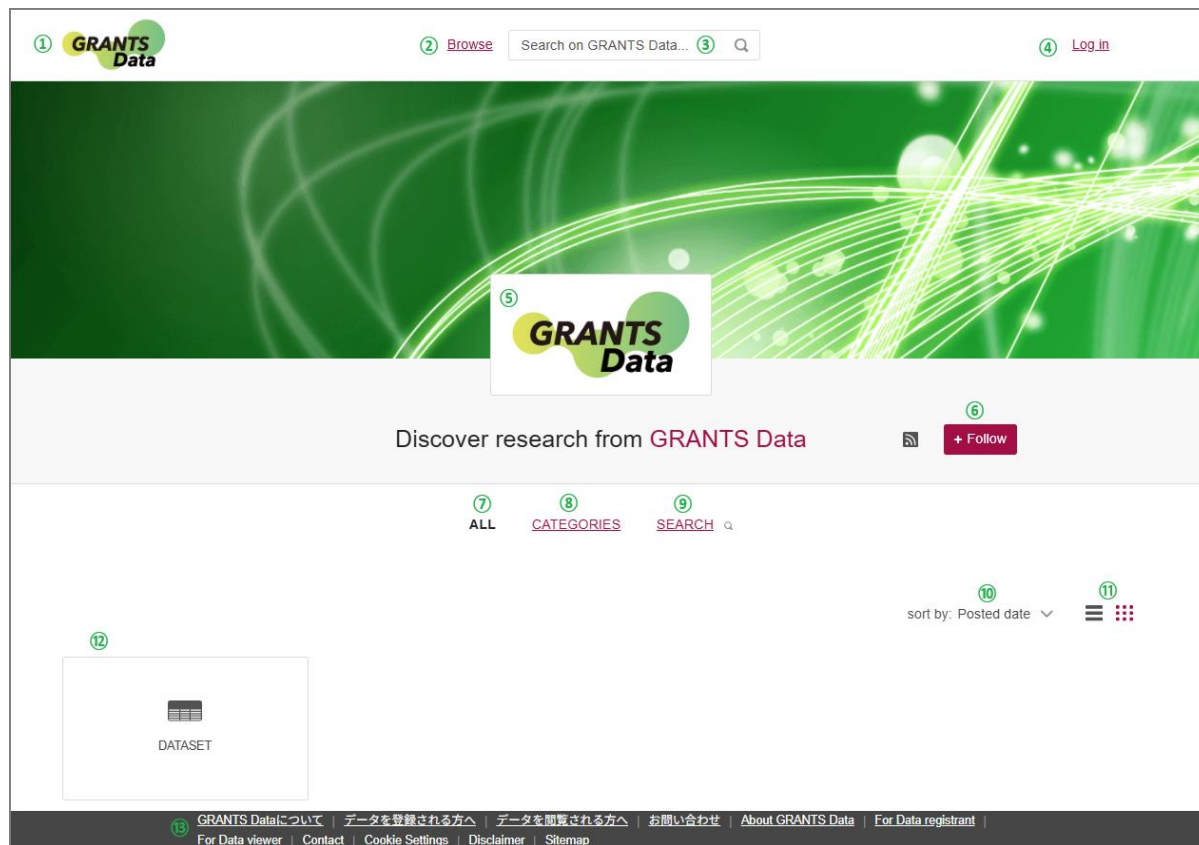
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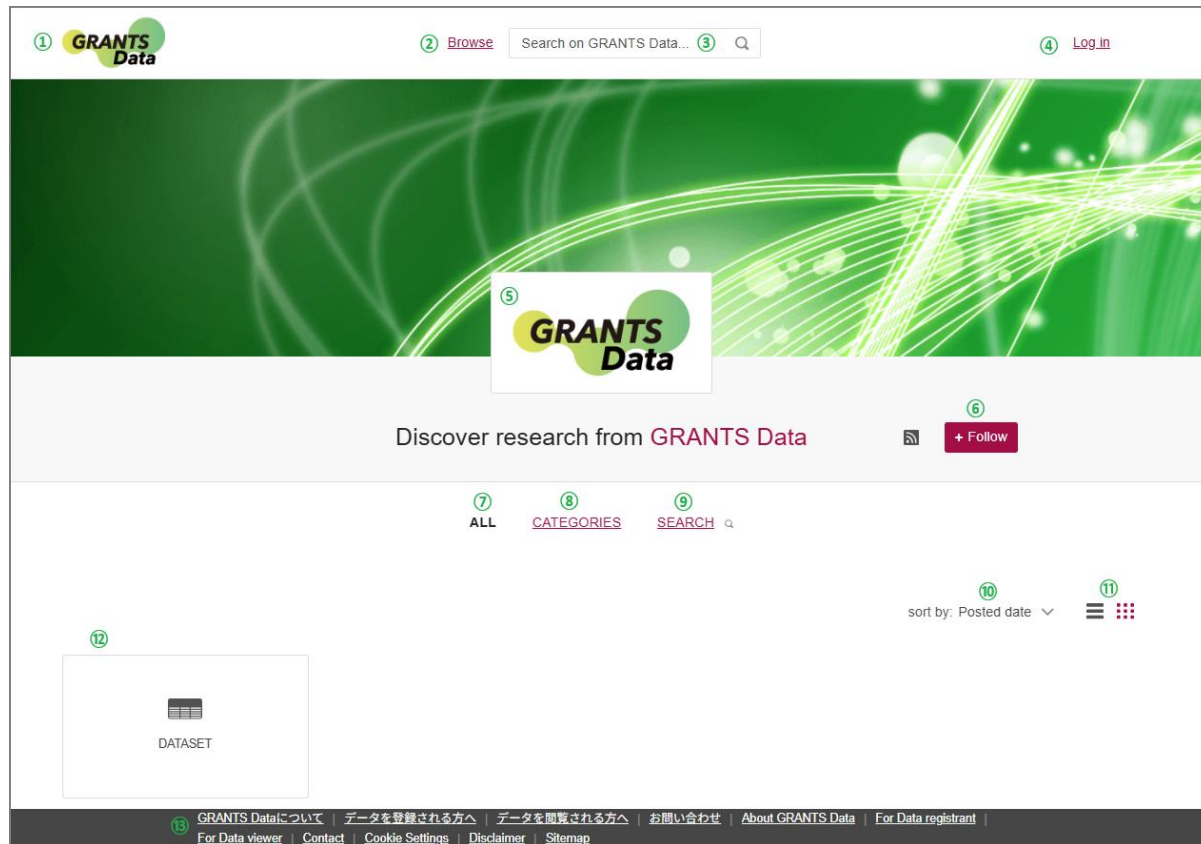
1 GRANTS Data Top Page

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."

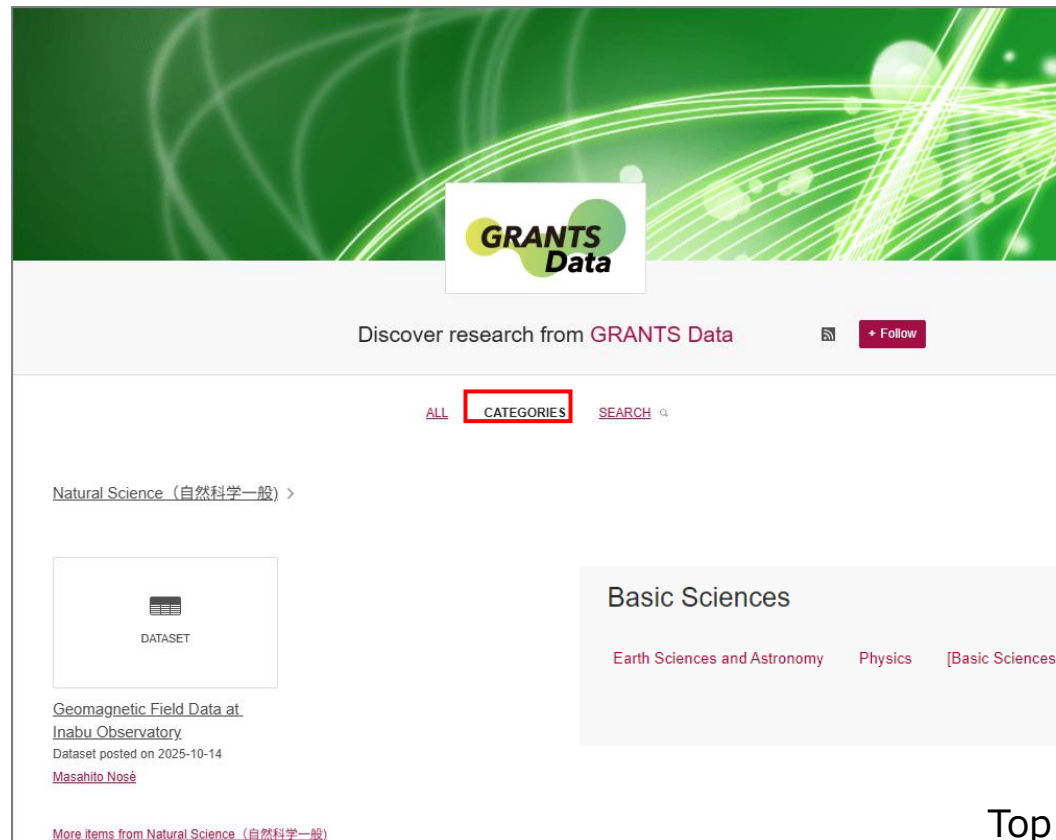
⑫ (Item): Click on an individual item to navigate to its Item Detail Page. For details, please see "1.2 Item Detail Page."

⑬ Footer: 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:

The screenshot shows the GRANTS Data interface for an item titled "Geomagnetic Field Data at Inabu Observatory". At the top, there is a search bar and a "Browse" button. Below this, a file preview section shows four "ARCHIVE" buttons with corresponding file names and sizes (e.g., inb2020.tgz: 238.61 MB). A "Switch between different file views" button is also present. The main content area includes the item title, a DOI link (https://doi.org/10.69414/data.30284440), and buttons for "Cite", "Download all (990.67 MB)", "Share", and "Embed". A "Dataset posted on 2025-10-14, 10:30 authored by Masahito Nose" is noted. The description states: "Geomagnetic field variation data observed at the Inabu Observatory, located in Inabu-cho, Toyota City, Aichi Prefecture. The observatory is situated at 35.20° N latitude and 137.53° E longitude. Measurements are made using a Bartington Mag33 fluxgate magnetometer. The observation period spans from January 29, 2020 to the present (observations are ongoing). The data are recorded as 1-second values in the IAGA-2002 format. Note that artificial noise often appears, especially during daytime, due to nearby traffic such as cars and buses." The page also features sections for "FUNDING" (listing the Japan Society for the Promotion of Science), "KEYWORDS" (Geomagnetic field data, Fluxgate magnetometer, Inabu, Aichi, Japan, Geomagnetic field observator), "LICENCE" (CC BY 4.0), and "EXPORTS" (Select an option). The bottom of the page includes the title in Japanese, a description in Japanese, and the data number NOSE001.

- 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

The screenshot shows the GRANTS Data interface for the item 'Geomagnetic Field Data at Inabu Observatory'. The page includes a search bar at the top, a file archive section with four files (inb2020.tgz, inb2021.tgz, inb2022.tgz, inb2023.tgz), and a main content area with the following sections:

- ② Geomagnetic Field Data at Inabu Observatory**: Title and DOI (https://doi.org/10.69414/data.30284440).
- ③**: DOI link.
- ④**: Action buttons: Cite, Download all (900.97 MB), Share, Embed.
- ⑤**: Dataset posted on 2025-10-14, 10:30 authored by Masahiko Nozé.
- ⑥ Usage Metrics**: 70 views, 13 downloads, 0 citations.
- ⑦ Categories**: Natural Science (自然科学一般).
- Keywords**: Geomagnetic field data, Fluxgate magnetometer, Inabu, Aichi, Japan, Geomagnetic field observator.
- ⑧ License**: CC BY 4.0.
- ⑨ Exports**: Select an option.
- FUNDING**: Study of ion composition in the lunar plasma environment by using Gateway/HERMES, Japan Society for the Promotion of Science.
- Experiment of geomagnetic field observation by magneto-impedance sensor and study for possibility of deployment of dense magnetometer network**: Japan Society for the Promotion of Science.
- Study of transport and distribution of O+ ions in geospace by multi-satellite observation and numerical simulation**: Japan Society for the Promotion of Science.
- HISTORY**: 2025-10-14 - First online date, Posted date.
- RELATED MATERIALS**: 1. DOI - Has version 船政観測所・船政観測所においてMIM-PCで取得された地磁気データ.
- TITLE (IN JAPANESE)**: 船政観測所における地磁気データ.
- DESCRIPTION (IN JAPANESE)**: 愛知県豊田市船政町に位置する船政観測所において計測した地磁気変動データ。観測所の位置は、北緯35.20°、経緯137.53°。観測機器は、Bartington社Mag03 Fluxgate(フラックスゲート磁力計)。観測期間は、2020年1月29日から現在まで(観測継続中)。1秒値をIAGA2002フォーマットで記述している。観測所近くを走る車やバスにより、特に昼間は人工ノイズが現れていることに注意する必要がある。
- DATA NO.**: NOSE001.

⑥ Usage 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).

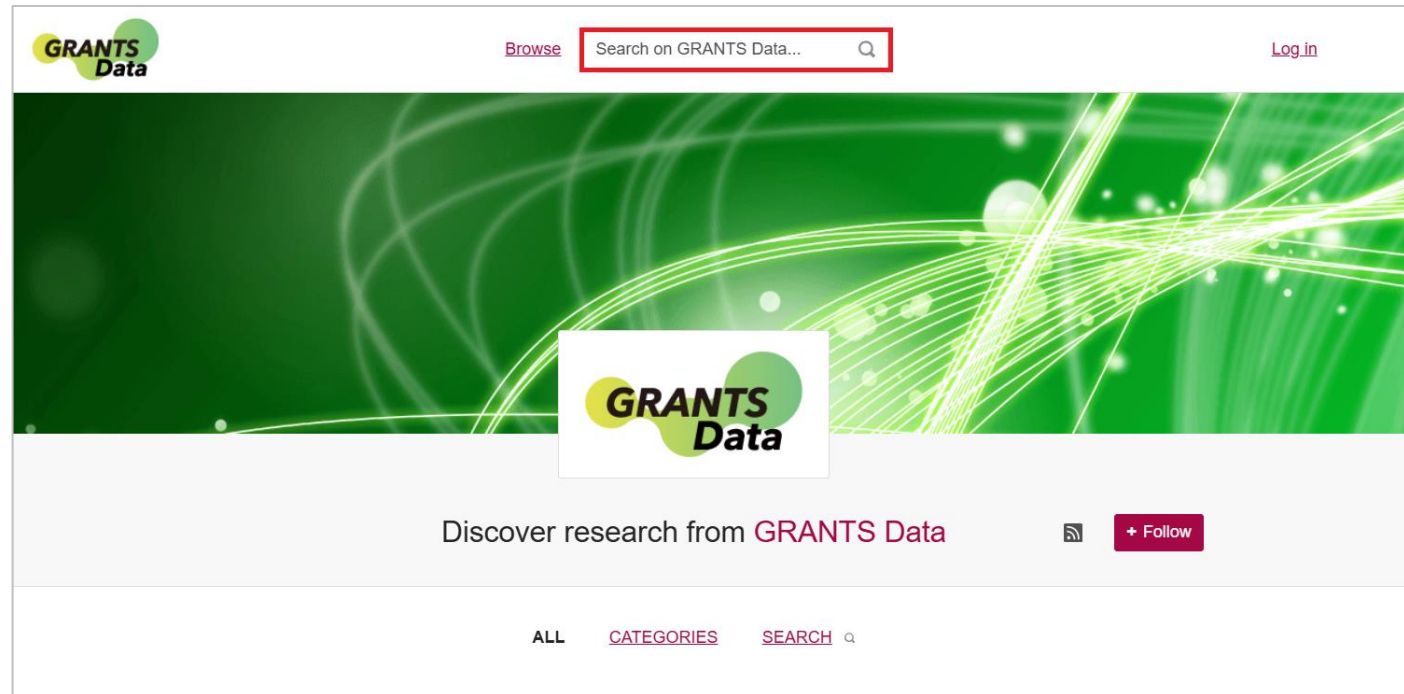
⑦ Categories and Keywords: Displays the category name the item belongs to and related keywords. Clicking on a category or keyword will automatically trigger a search for other items within GRANTS Data associated with that term.

⑧ License 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.

⑨ Export 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.

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.

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."

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.)

The screenshot displays the Figshare search results interface. On the left, a sidebar contains filtering options: 'Select date', 'Content Type' (with 'item (5)' selected), 'Item Type (1/5 selected)' (with 'figure (5)' selected), 'Licence' (with 'CC BY 4.0 (5)' selected), and 'Funder' (with 'National Institute of Diabetes and D...' selected). An 'Apply filters' button is at the bottom of the sidebar. The main area shows '81 results found' and a 'sort by: Relevance' dropdown menu. The results are displayed in a grid view, with each item showing a thumbnail (e.g., 'DATASET', a gel electrophoresis image, a bar chart) and a title such as 'Sequencing result of a mixture of synthesized DNA barcodes', 'Coupling of store-operated calcium entry to vasoconstriction is acid...', and 'Supplemental Figures supporting "Inhibition of mitochondrial respiration..."'. Each result also includes the author's name and the posting date.

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.

Search content **Search Terms** **Input Field** 

Help/Detailed explanation → [Need help?](#) + Follow this search

Change Sort Order → sort by: Relevance  

1,045 results found

dataset (603)

presentation (230)

figure (143)

media (44)

software (16)

show more

Select date ▾

Item Type

Licence

CC BY 4.0 (637)

CC BY-NC-ND 4.0 (148)

CC BY-NC-SA 4.0 (98)

CC BY-ND 4.0 (74)

CC BY-NC 4.0 (69)

show more

Funder

Japan Society for the Promotion o... (242)

Japan Science and Technology An... (67)

Search on figshare.com


Evaluation of Chemical Potentials, Bulk Modulus and Volume Expansion Ratio of...
Dataset posted on 2025-11-13
[Hideaki OHTA](#) ▾


Generation and Reaction of Benzyl Triflates by Anodic Oxidation of Toluenes...
Dataset posted on 2025-11-13
[Yosuke ASHIKARI](#) ▾


Optimization of Two-step Thermal Decomposition Condition for Durable NiCo...
Dataset posted on 2025-11-13
[Kyounghee GU](#) ▾


Advances of Perovskite Solar Cells: Interface Engineering to Achieve High Photovolta...
Dataset posted on 2025-11-12
[Tutomu MIYASAKA](#) ▾


Pollen fossils and related data of the Serikawa terrace deposits, Hikone, Shiga...
Dataset posted on 2025-11-11
[Akira Inada](#) ▾


Living conditions of young children using extended childcare
Dataset posted on 2025-11-10
[Makiko Ishikiri](#) ▾

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.

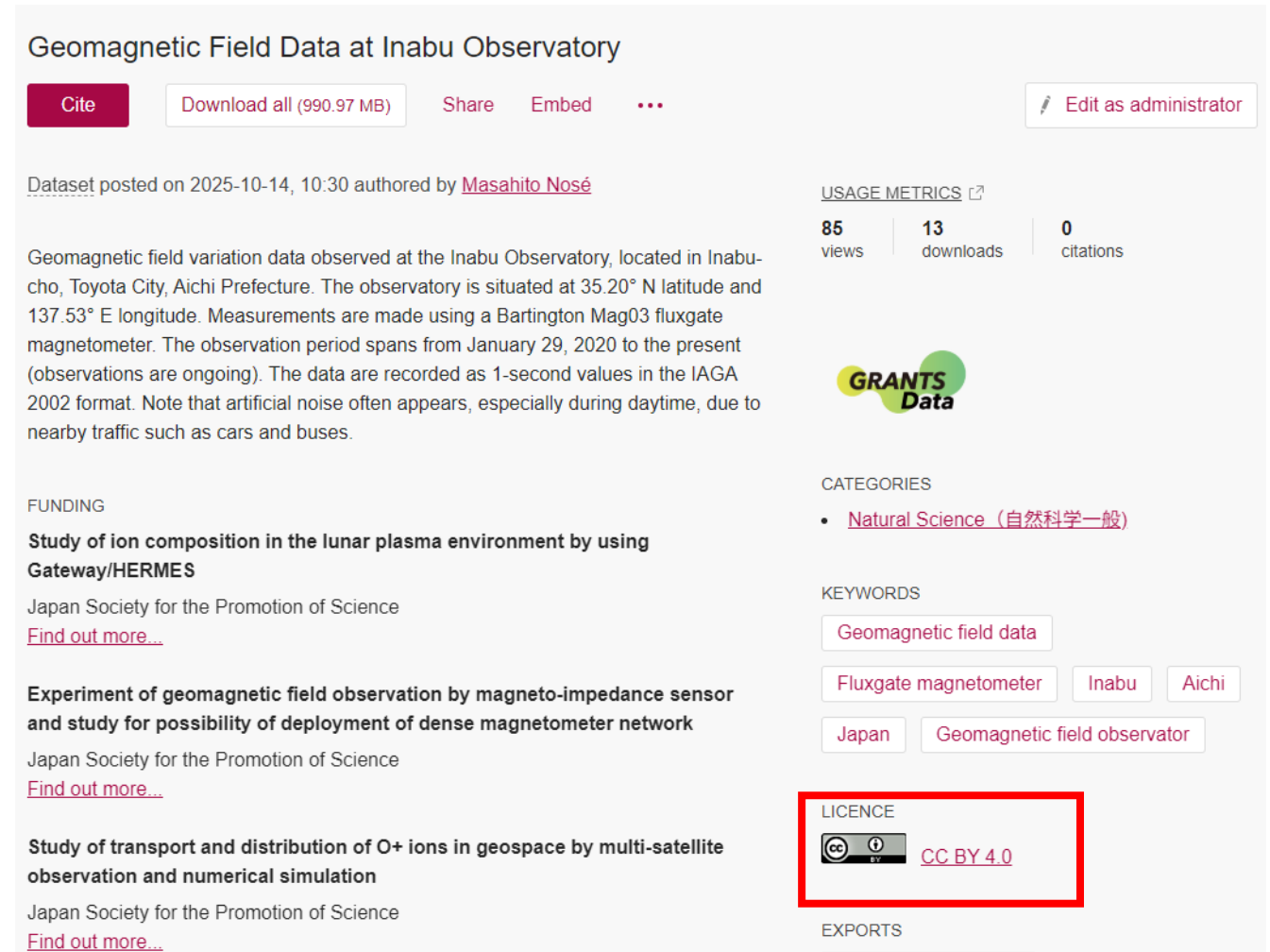
```
:title: science AND :keyword: cell AND :search_term: private research
```

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.



Geomagnetic Field Data at Inabu Observatory

[Cite](#) [Download all \(990.97 MB\)](#) [Share](#) [Embed](#) [...](#) [Edit as administrator](#)


Dataset posted on 2025-10-14, 10:30 authored by [Masahito Nosé](#)

Usage Metrics: 85 views, 13 downloads, 0 citations

GRANTS Data

CATEGORIES: [Natural Science \(自然科学一般\)](#)

KEYWORDS: [Geomagnetic field data](#), [Fluxgate magnetometer](#), [Inabu](#), [Aichi](#), [Japan](#), [Geomagnetic field observator](#)

LICENCE:  [CC BY 4.0](#)

EXPORTS

FUNDING

Study of ion composition in the lunar plasma environment by using Gateway/HERMES
Japan Society for the Promotion of Science
[Find out more...](#)

Experiment of geomagnetic field observation by magneto-impedance sensor and study for possibility of deployment of dense magnetometer network
Japan Society for the Promotion of Science
[Find out more...](#)

Study of transport and distribution of O⁺ ions in geospace by multi-satellite observation and numerical simulation
Japan Society for the Promotion of Science
[Find out more...](#)

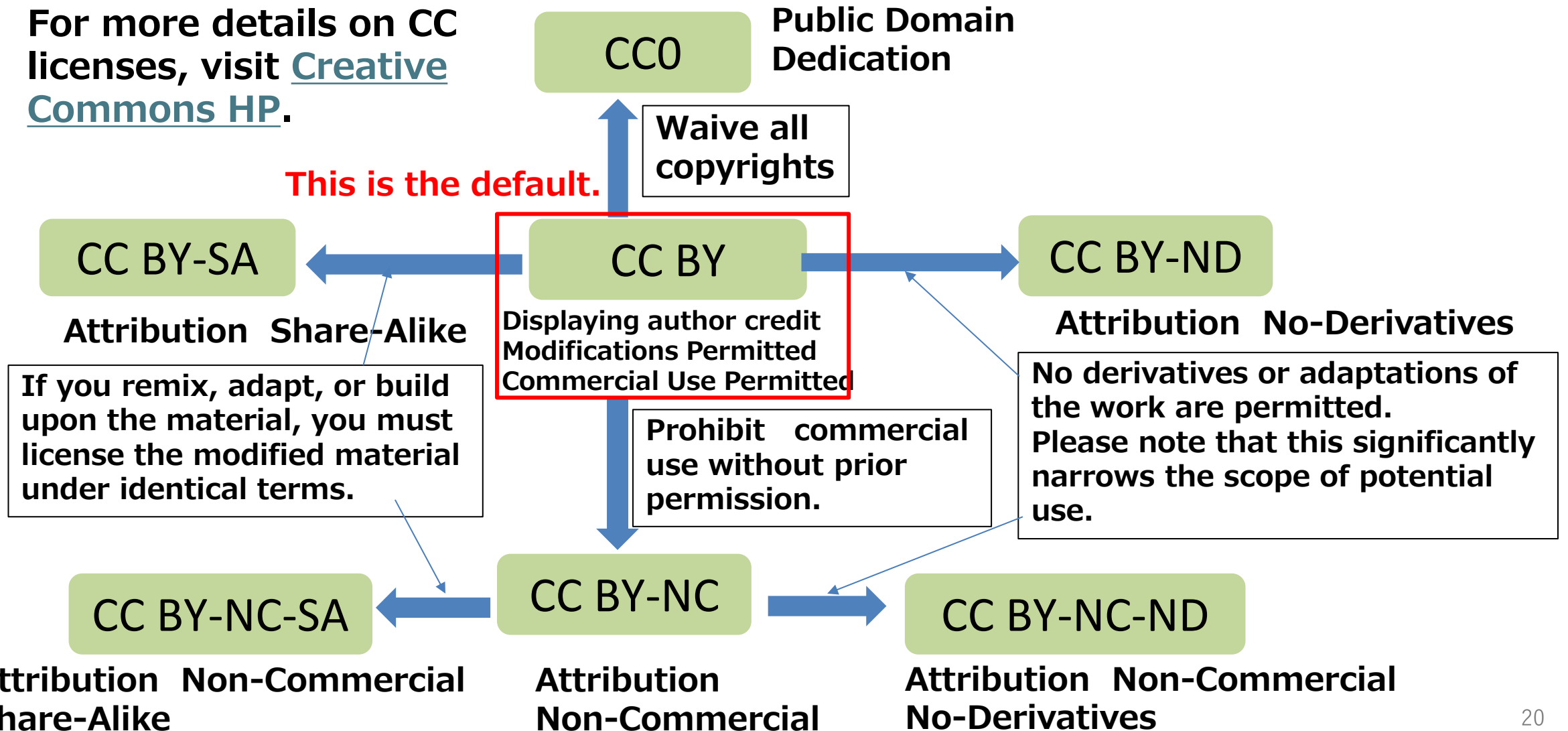
3.1. About Creative Commons (CC) Licenses

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

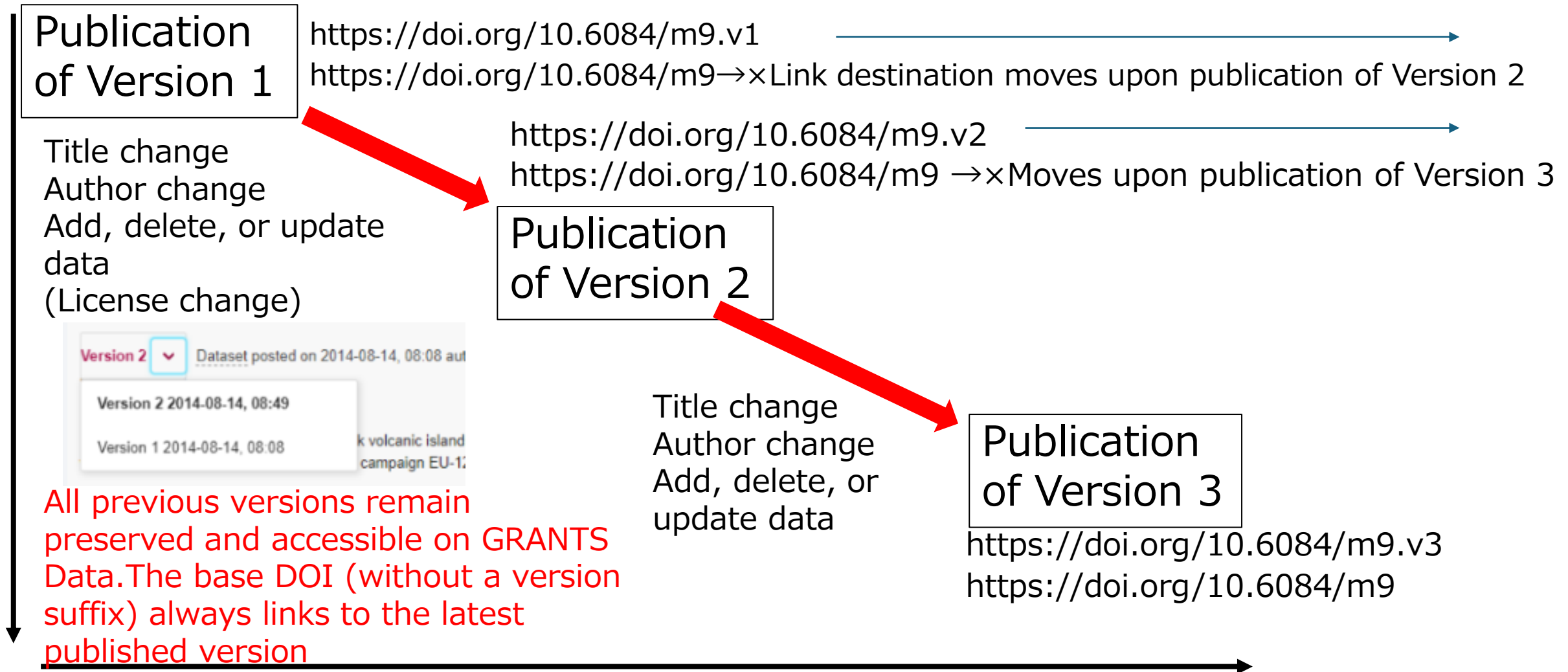
- When using the data in a research paper or other publication, please follow the specific guidelines of the journal; however, we ask that you include the information in your **reference list at the end of the paper** as much as possible.
- For the citation, click the "Cite" button and use the TASL information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



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