
RDE Operating Guide (Simplified version)

– Data Registration, Viewing and Downloading –

Central Hub of Advanced Research Infrastructure for Materials and Nanotechnology
Research Network and Facility Services Division
National Institute for Materials Science (NIMS)

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1. How to login to the RDE system

1. How to login to the RDE system

Users without a NIMS email address: Log in with a DICE account

Users with a NIMS email address: Log in with a NIMS account

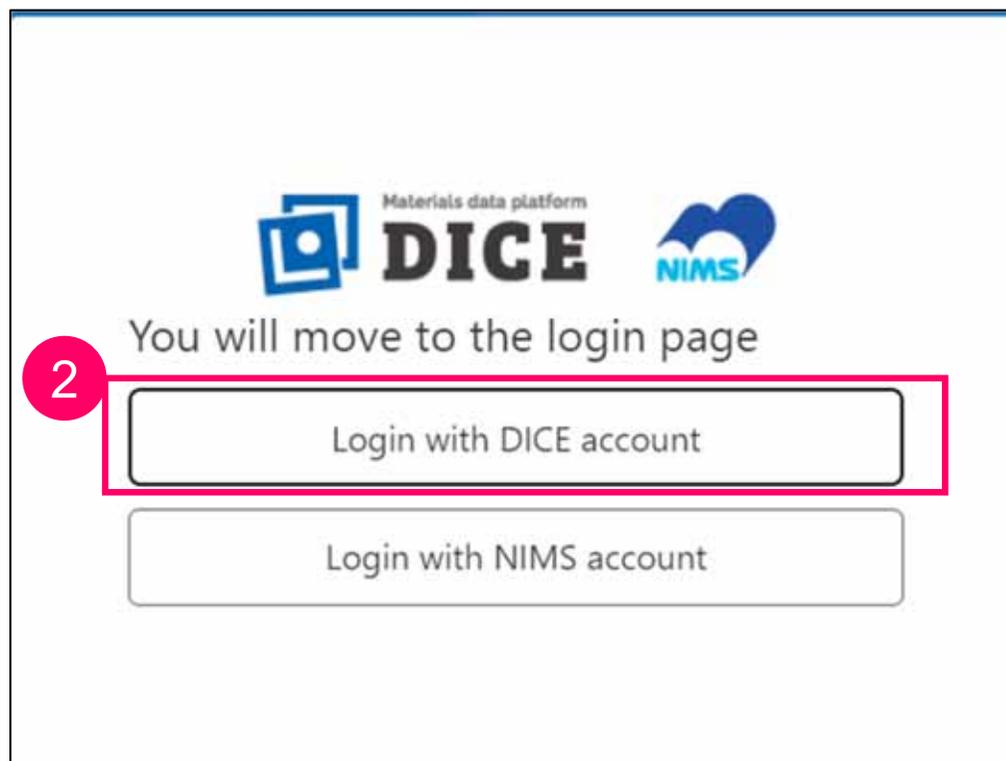
1. How to login to the RDE system

Login with your DICE account (if you do NOT have your NIMS e-mail address) [1/3]

1. Access the RDE app with a browser.

- RDE data viewing app <https://rde.nims.go.jp/>
- RDE data registration app <https://rde-entry-arim.nims.go.jp/>

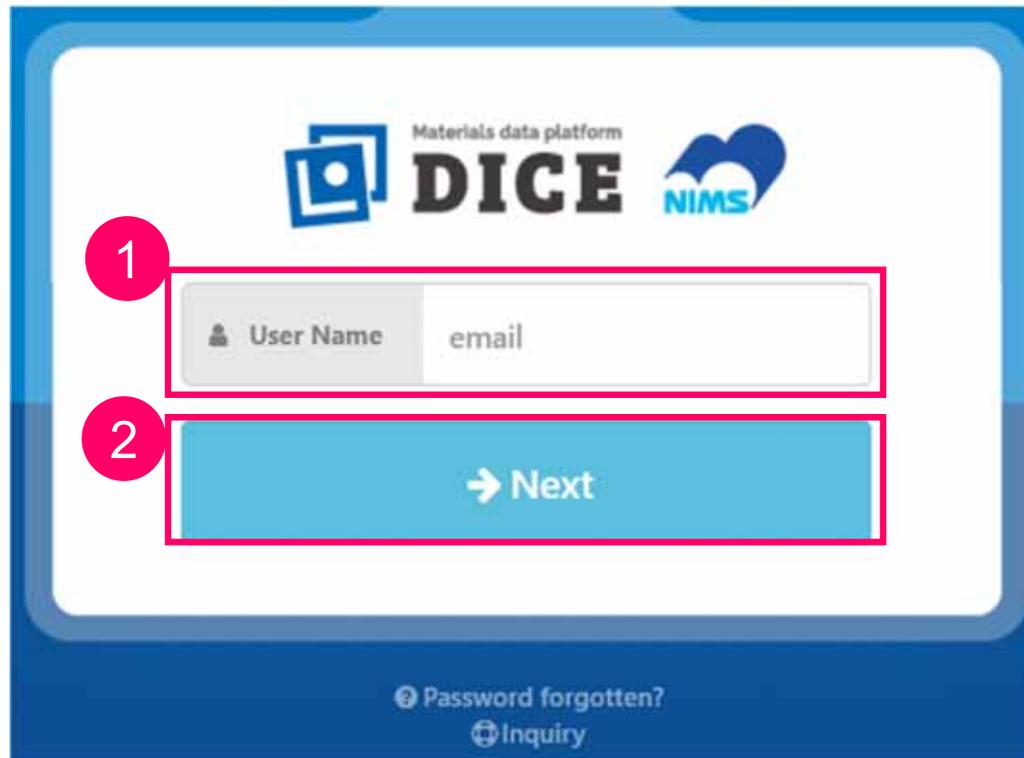
2. Click "Login with DICE account".



1. How to login to the RDE system

Login with your DICE account (if you do NOT have your NIMS e-mail address) [2/3]

1. In "Use Name", enter your e-mail address you registered as your DICE account.
2. Click "→Next".



The screenshot shows the login page for the Materials data platform (DICE) and NIMS. At the top, there are logos for DICE and NIMS. Below the logos is a login form with two main components: a text input field and a button. The text input field is labeled "User Name" and contains the text "email". A red circle with the number "1" is positioned to the left of this field. Below the text input field is a blue button with a white right-pointing arrow and the text "Next". A red circle with the number "2" is positioned to the left of this button. At the bottom of the page, there are two links: "Password forgotten?" and "Inquiry".

1. How to login to the RDE system

Login with your DICE account (if you do NOT have your NIMS e-mail address) [3/3]

1. Enter your password for your DICE account in "Password".
2. Click "→Next".



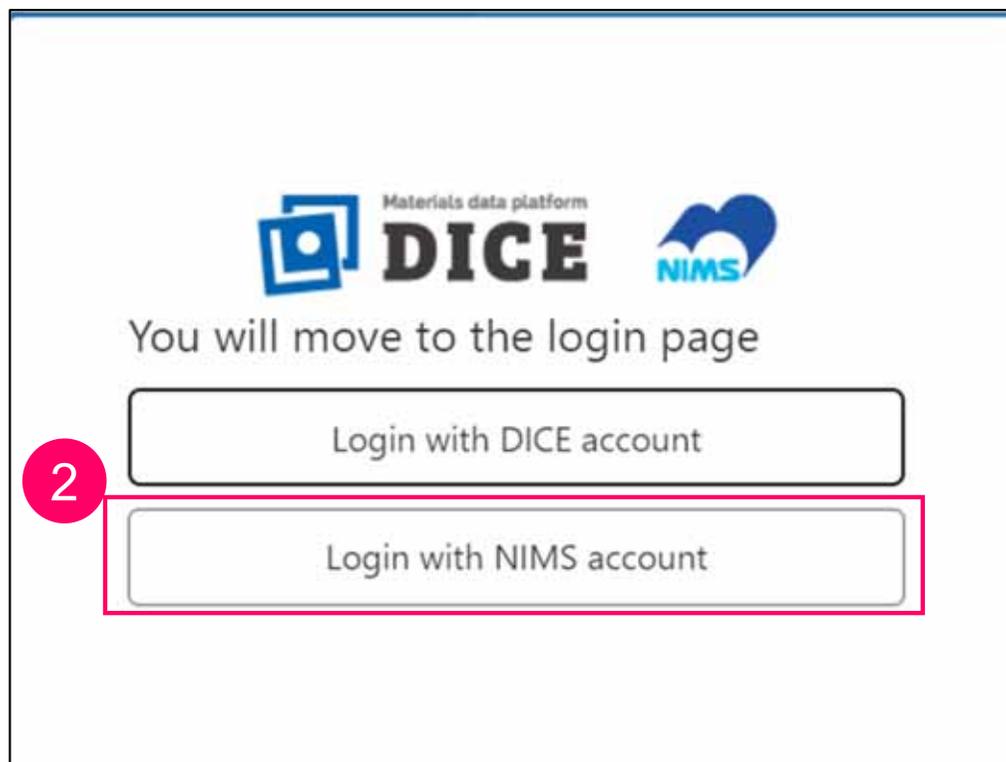
The screenshot shows the login page for the Materials data platform (DICE) and NIMS. At the top, there are logos for DICE and NIMS. Below the logos, there is a user selection area with a person icon, the text "○○○@" followed by ". x x", and a "Select user" dropdown menu. A red circle with the number "1" is placed to the left of the password input field. The password field is a light blue box with a magnifying glass icon on the left, the text "Password", and a series of dots representing the password. A red circle with the number "2" is placed to the left of the "Next" button. The "Next" button is a blue box with a white arrow pointing right and the text "Next". Below the "Next" button is a white box with a black "X" icon and the text "Cancel". At the bottom of the page, there are two links: "Password forgotten?" and "Inquiry".

1. How to login to the RDE system

Login with your NIMS account (if you have your NIMS e-mail address) [1/3]

Users having your NIMS e-mail address should login to the RDE system with their NIMS account.

1. Access the RDE application with a web browser.
 - RDE Data Viewing App <https://rde.nims.go.jp/>
 - RDE Data Registration App <https://rde-entry-arim.nims.go.jp/>
2. Click "Login with NIMS account".
3. Please follow the on-screen instructions to proceed with the login.



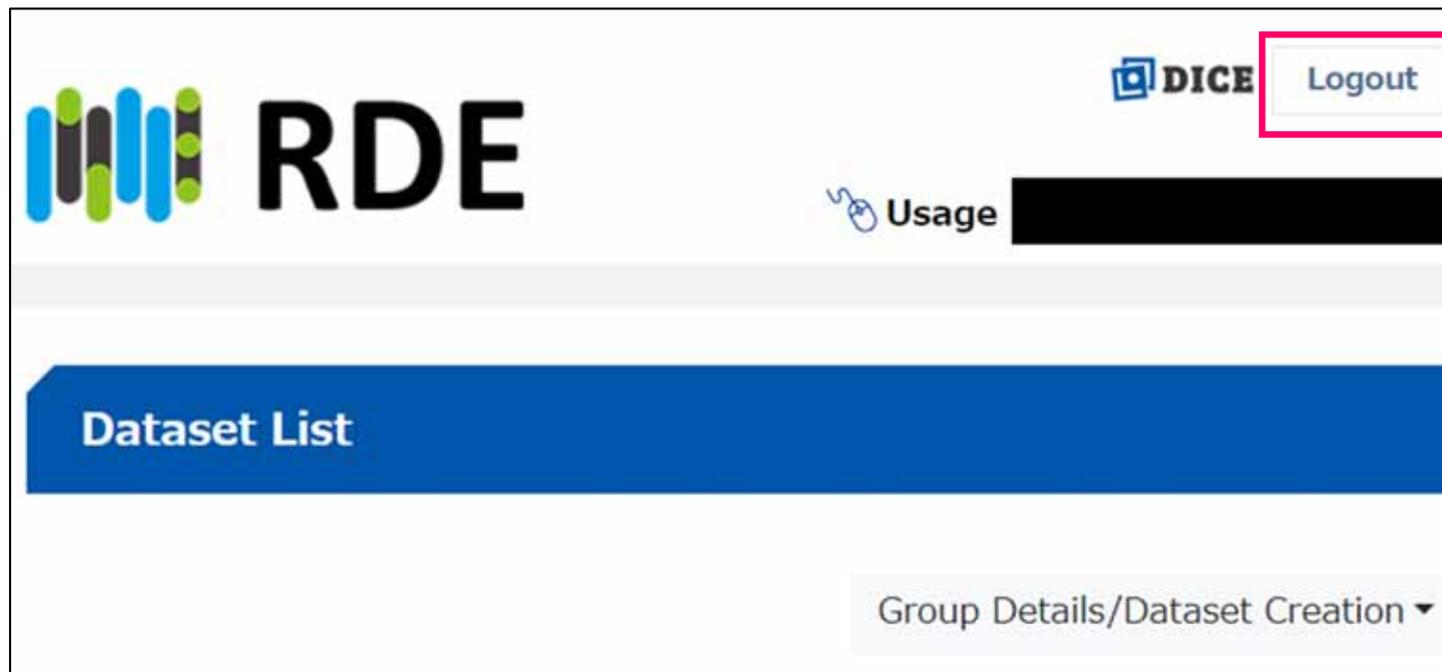
2. How to logout from the RDE system

2. How to logout from the RDE system

2. How to logout from the RDE system

Logout

1. When you finish operating, be sure to logout from the RDE system. Otherwise, your information will remain and the next user may not be able to log in to the RDE system properly.
2. Click the [Logout](#) button in the upper right corner of the RDE page.
3. Close the browser.



Logout is completed by closing the browser after pressing the logout button.

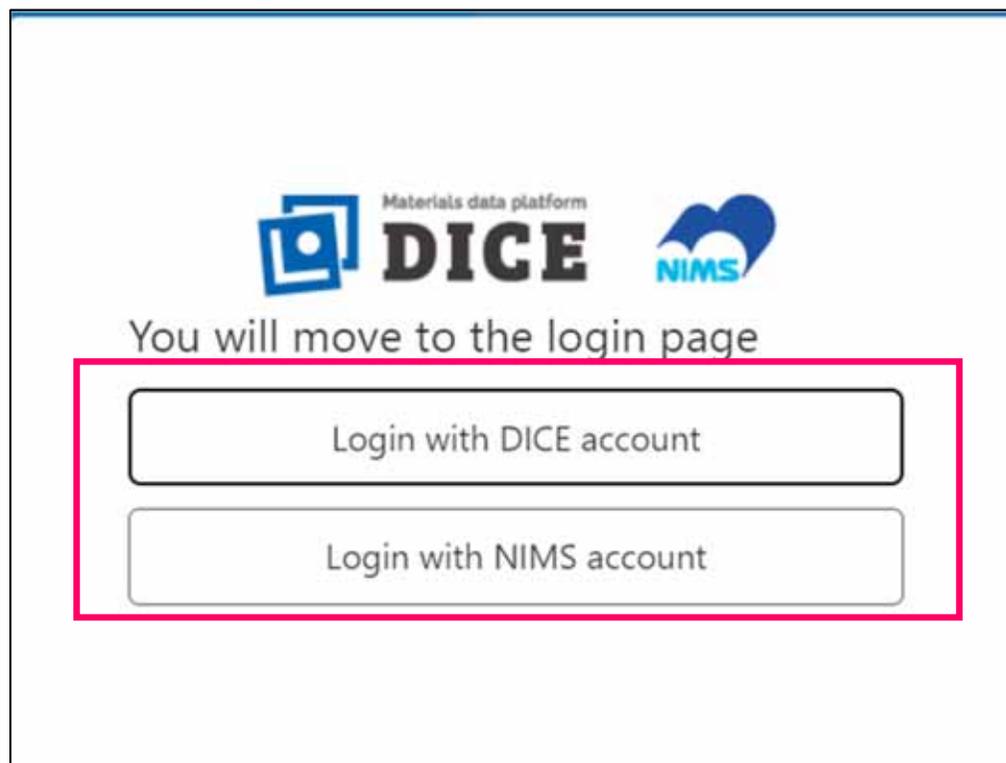
3. How to register data

3. How to register data

3. How to register data

Access and login to the RDE data registration application

1. Access to the RDE data registration application (<https://rde-entry-arim.nims.go.jp/>) with a web browser.
2. Log in with either a DICE account or a NIMS account.()



For more details, please refer to "[1. How to login to the RDE system.](#)"

3. How to register data

In-process dataset list screen

1. The In-process dataset list screen appears.

RDE

DICE Logout

Usage [REDACTED]

In-Process Dataset

Data Registration Status List

Search by

Instrument Unselected

Dataset without Instrument

Dataset Name

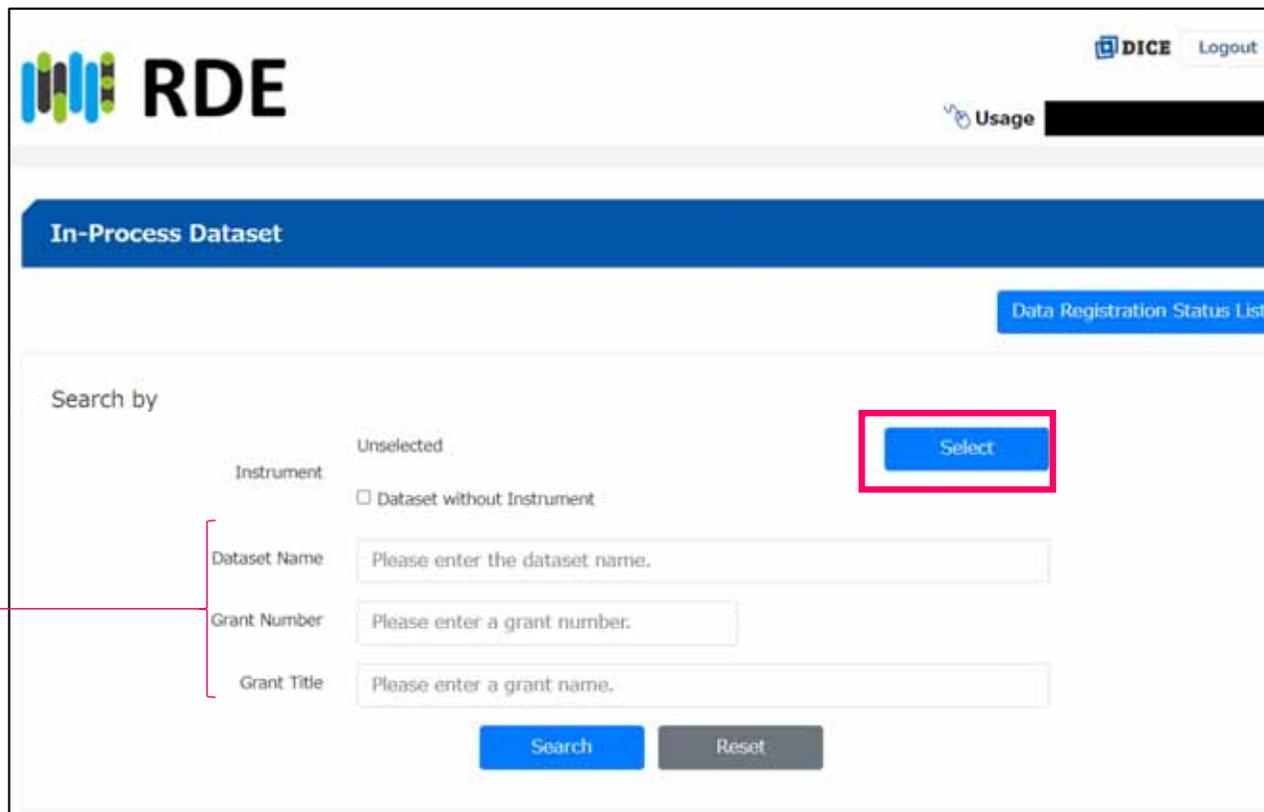
Grant Number

Grant Title

3. How to register data

Selecting a DataSet to Register [1/3]

1. Click on the "Select" button to include the target instrument in the search criteria.



The screenshot shows the RDE interface. At the top left is the RDE logo. At the top right are 'DICE' and 'Logout' links. Below the logo is a 'Usage' meter. A blue banner reads 'In-Process Dataset'. To the right of the banner is a 'Data Registration Status List' button. The main section is titled 'Search by' and contains the following elements:

- Instrument**: A dropdown menu currently showing 'Unselected'. A blue 'Select' button is highlighted with a red box.
- Dataset without Instrument
- Dataset Name**: A text input field with the placeholder 'Please enter the dataset name.'
- Grant Number**: A text input field with the placeholder 'Please enter a grant number.'
- Grant Title**: A text input field with the placeholder 'Please enter a grant name.'

At the bottom of the search form are 'Search' and 'Reset' buttons. A red arrow points from the 'Select' button to the search criteria list below.

In addition to searching by instrument criteria, you can also search by entering the following information directly:

- Dataset Name
- Grant Number (A 15-digit number starting with JPMXP12 / Exact Match)
- Grant Title

3. How to register data

Selecting a Data Set to Register [2/3]

1. Under "Organization," select the organization that owns the Instrument you want to use from the pull-down menu and click the "Search" button.
2. Click the radio button for the desired instrument among the search results.
3. Click the "Select" button.

Instrument Name	Maker	Model Number	Organization	Project	Local ID	Type of Instrument
<input type="radio"/> Laser Microscope [LEXT OLS4000]	OLYMPUS	LEXT OLS4000	National Institute for Materials Science	マテリアル先端...	NM-623	-
<input type="radio"/> ICP-RIE [CE3001]	ULVAC, Inc.	CE3001	National Institute for Materials Science	マテリアル先端...	NM-645	-
<input type="radio"/> ICP-RIE [RIE-101IPH]	samco	RIE-101IPH	National Institute for Materials Science	マテリアル先端...	NM-615	-
<input type="radio"/> Maskless Lithography [DL-1000]	Nano System Solutions Inc.	DL-1000	National Institute for Materials Science	マテリアル先端...	NM-636	Maskless Exposu...
<input type="radio"/> SIN PECVD [PD-220NL]	samco	PD-220NL	National Institute for Materials Science	マテリアル先端...	NM-612	Chemical Vapor ...

You can search for instruments by type of instrument type, local ID, or instrument name.

3. How to register data

Selecting a Data Set to Register [3/3]

1. The selected instrument information is entered into the search criteria.
2. Click the "Search" button.
3. The data sets associated with the instrument appears.
4. Click on the row of the desired data set.

In-Process Dataset

[Data Registration Status List](#)

Search by **1**

Instrument: Dual Scanning X-ray Photoelectron Microprobe Equipped with Hard X-Ray (HAX-PES/XPS) [Select](#)

Dataset without Instrument

Dataset Name:

Grant Number:

Grant Title:

2 [Search](#) [Reset](#)

Dataset Name	Grant Number	Grant Title	Dataset Manager (Affiliation)	Target Instruments	Updated(JST)
TEST	JPMXP1222NM4999	RDEテスト用共通課題	NIMS,Hanako	Dual Scanning X-ray Photoelectron Microprobe Equipped with Hard X-Ray (HAX-PES/XPS)	2023-09-29 18:50:15

3. How to register data

Invoice entry

1. This is the “Enter Invoice” screen for entering information on the data to be registered.

Enter Invoice :

Type of Dataset [Redacted] Updated 2023-09-29 18:50:15 JST

Target Instruments [Redacted]

Grant Number/Grant Title [Redacted]

Basic Information

Date of Data Entry 2023-10-24 JST

Instrument **required** [Redacted]

Data Registrant (Affiliation) [Redacted]

Data Owner (Affiliation) **required** [Redacted]

Data Name **required** Please enter the data name.
basic/dateTime

Experiment ID Please enter the experiment id
basic/experimentId

Description Please enter a description.
basic/description

The Entry Invoice screen consists of the following items.

- Basic Information
- Sample Information
- Specific Information
- Register Files
- Attachments (optional)

3. How to register data

Invoice entry –Basic Information-

1. Enter basic information.

The screenshot shows a web form titled "Enter Invoice :". At the top right, it says "Updated 2023-09-29 18:50:15 JST". The form has several input fields, some of which are redacted with black boxes. A pink box highlights the "Basic Information" section. The fields in this section are: "Date of Data Entry" (2023-10-24 JST), "Instrument" (with a red "required" label), "Data Registrant (Affiliation)", "Data Owner (Affiliation)" (with a red "required" label), "Data Name" (with a red "required" label, placeholder: "Please enter the data name.", ID: basic/dataName), "Experiment ID" (placeholder: "Please enter the experiment id", ID: basic/experimentId), and "Description" (placeholder: "Please enter a description.", ID: basic/description).

Fields in red are required.

- Date of entry:
→Automatic entry
- **Instrument:**
→Select the target instrument from the pull-down menu.
(If you select an instrument in the data set selection, the name of the target instrument is entered automatically.)
- Data Registrant:
→The person who is logged in is automatically displayed.
- **Data Owner:**
→Select from the pull-down list of research team members.
- **Data Name:**
→Enter an appropriate data name.
- Experiment ID:
→Optional.
- Description:
→Optional.

3. How to register data

Invoice entry – Sample Information-

1. Enter sample information. (For new samples)

Sample Information

Sample ID (Create) Select

Sample Name (Local ID) **required**
sample/Names
Please enter a sample name or a local id.
Add

Chemical Formula etc.
sample/composition
Please enter the chemical formula, composition formula, molecular weight, etc.

Administrator (Affiliation) **required**
Please select the sample administrator (affiliation).
 Anonymize the sample administrator (affiliation), when the dataset has shared.

Reference URL
sample/referenceURL
Please enter the reference URL.

Related Samples Add

Tags
Please enter tags.

Description
sample/description
B I H “ ☰ ☷ ☹ ☺
Please freely enter the sample description, history, etc.

Fields in red are required.

Sample ID :

→For new samples, this will be assigned automatically upon data registration.

Sample Name : Enter the sample name.

Chemical Formula etc. : Optional.

Administrator :

→Select a sample administrator from the pull-down list of research team members.

Reference URL : Optional.

Tags : Optional.

Description : Fill in the description of the sample. Optional.

3. How to register data

Invoice entry –Sample Information-

1. When using sample information that has already been registered.
2. Click on the "Select" button.

Sample Information

Sample ID (Create) Select

Sample Name (Local ID) required
sample/names

Add

Chemical Formula etc.
sample/composition

Administrator (Affiliation) required ▼

Anonymize the sample administrator (affiliation),
when the dataset has shared.

Reference URL

3. How to register data

Invoice entry –Sample Information-

3. The "Select Sample" screen is appeared.
4. To search the desired sample, enter the information of the sample you want to use and click the magnifying glass button. Blank search is also available.
5. Check the radio button for the desired sample from the search results.
6. Click the Select button at the bottom of the screen.
7. The information of the selected sample is entered.

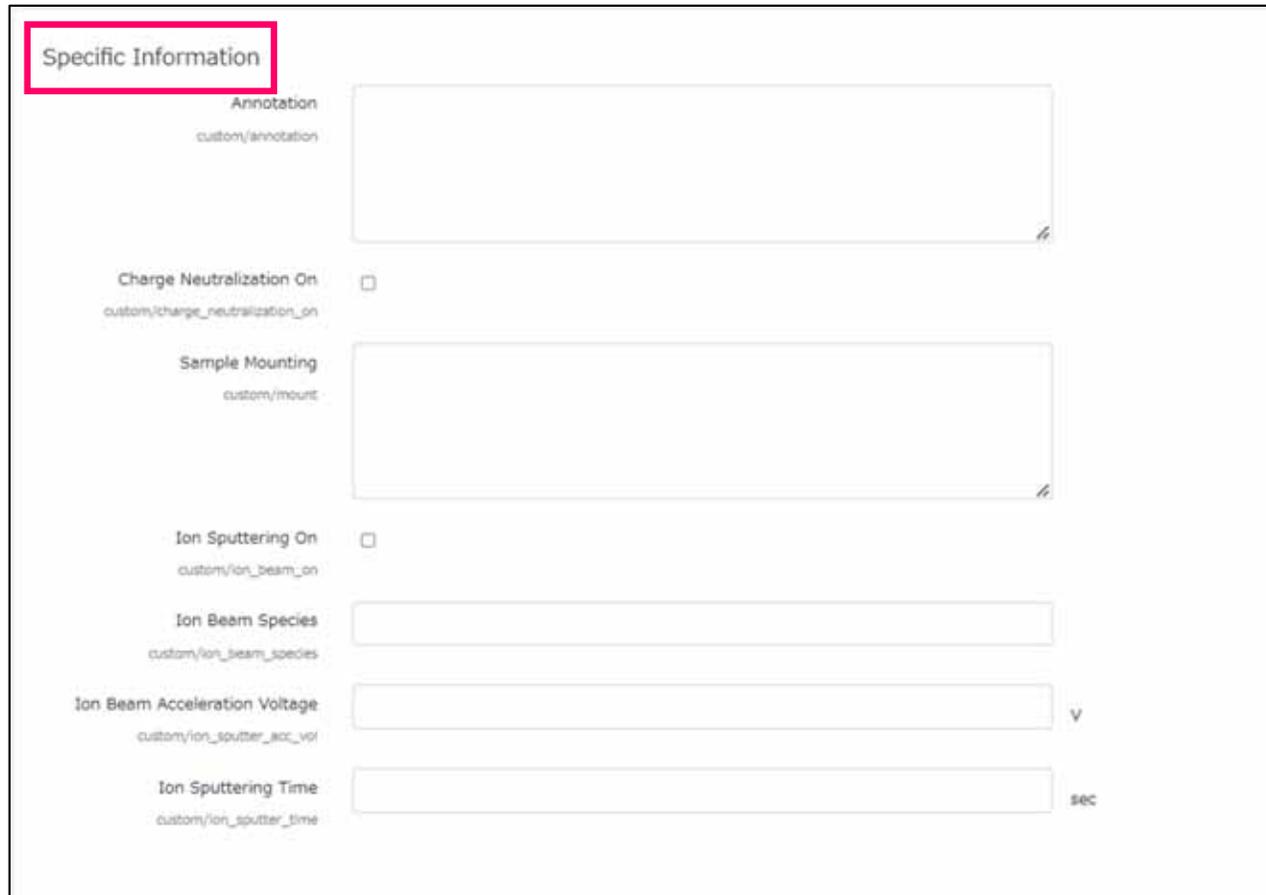
The screenshot shows the 'Select Sample' interface. At the top, a blue header bar contains the text 'Select Sample' with a red circle containing the number '3' next to it. Below the header is a search bar with the placeholder text 'Please enter a sample name, tags, a description, chemical formulas, composition' and a magnifying glass icon, with a red circle containing the number '4' next to it. The search results are displayed in a table with three columns: 'Sample Name (Local ID)', 'Description', and 'Chemical Formula etc.'. The table contains three rows, each with a radio button in the first column. The first two rows have 'test_data_01' in the first column, and the third row has 'Test_sample'. A red circle containing the number '5' is positioned to the left of the first two rows. Below the table, there is a 'Showir' label and the text 'Test_sample'. At the bottom right, there is a 'Select' button with a red circle containing the number '6' next to it. To the right of the 'Select' button is a pagination control with buttons for 'First', 'Previous', '1', 'Next', and 'Last', where '1' is highlighted.

Sample Name (Local ID)	Description	Chemical Formula etc.
<input type="radio"/> test_data_01		
<input type="radio"/> test_data_01		
<input type="radio"/> Test_sample		

3. How to register data

Invoice entry –Specific Information-

1. Enter Specific Information. Specific Information is metadata that cannot be obtained from the data file and is entered manually.
2. Unique information differs depending on the target instrument, process, etc. If there are required fields, be sure to enter them.



Specific Information

Annotation
custom/annotation

Charge Neutralization On
custom/charge_neutralization_on

Sample Mounting
custom/mount

Ion Sputtering On
custom/ion_beam_on

Ion Beam Species
custom/ion_beam_species

Ion Beam Acceleration Voltage V
custom/ion_sputter_acc_vol

Ion Sputtering Time sec
custom/ion_sputter_time

3. How to register data

Invoice entry –Register Files-

1. Select the required registration files () from the “Select” button in the “Register Files” field to register the data.

The screenshot shows a user interface for registering files. It features two main sections: "Register Files" and "Attachments". The "Register Files" section is highlighted with a red border and a red circle containing the number "1" at the top left. Inside this section, there is a dashed box with the text "Drag and drop register files." and a blue "Select" button, both also marked with a red circle containing the number "1". The "Attachments" section below it has a similar dashed box with the text "Drag and drop attachments." and a blue "Select" button. At the bottom of the interface, there are two buttons: "Confirm" (blue) and "Cancel" (grey).

Please upload the “required registration files” that are subject to data structuring in the Register Files section. The required registration files vary depending on the instrument or process. Select and upload the appropriate required registration file with the correct extension.

3. How to register data

Invoice entry –Attachment-

1. If there are attachment files(), they can be uploaded in the “Attachments” field. Attachment files are not required.
2. To upload an attachment files, select an attachment file from "Select".

The screenshot shows a web interface for file registration. It is divided into two main sections: 'Register Files' and 'Attachments'. The 'Register Files' section contains a dashed rectangular area with the text 'Drag and drop register files.' and a blue 'Select' button to its right. The 'Attachments' section contains a similar dashed rectangular area with the text 'Drag and drop attachments.' and a blue 'Select' button to its right. A red rectangular box highlights the 'Attachments' section, and three red circles containing the number '1' are placed at the top left of the 'Attachments' section, over the dashed box, and over the 'Select' button. At the bottom of the interface are two buttons: a blue 'Confirm' button and a grey 'Cancel' button.

Attachment files are files that are not subject to data structuring.

Files other than register files can be uploaded.

If there are no attachment files, no upload is required.

3. How to register data

Confirmation

1. Click the "Confirm" button after completing each information entry and data files submission.

The screenshot shows a registration interface with two main sections: "Register Files" and "Attachments". Each section contains a dashed box for file uploads and a blue "Select" button. At the bottom, there are two buttons: "Confirm" (highlighted with a red box and a red circle with the number 1) and "Cancel".

Register Files

Drag and drop register files.

Select

Attachments

Drag and drop attachments.

Select

1 Confirm Cancel

3. How to register data

Check the information and Registration

1. Check the information entered and, if all is correct, click the "Registration" button.

Invoice Confirmation : Test_Sm5

Type of Dataset:

Target Instruments:

Start Number/Start Title:

Basic Information

Date of Data Entry:

Instrument:

Data Segment (Affiliation):

Data Owner (Affiliation):

Data Name:

Experiment ID:

Description:

Sample Information

Sample ID:

Sample Name (Local ID):

Chemical Formula, etc.:

Administrator (Affiliation):

Anonymous the sample administrator (Affiliation) when the dataset has shared.

Reference URL:

Related Samples:

Tags:

Description:

Specific Information

Association:

Change Notification:

Sample Mounting:

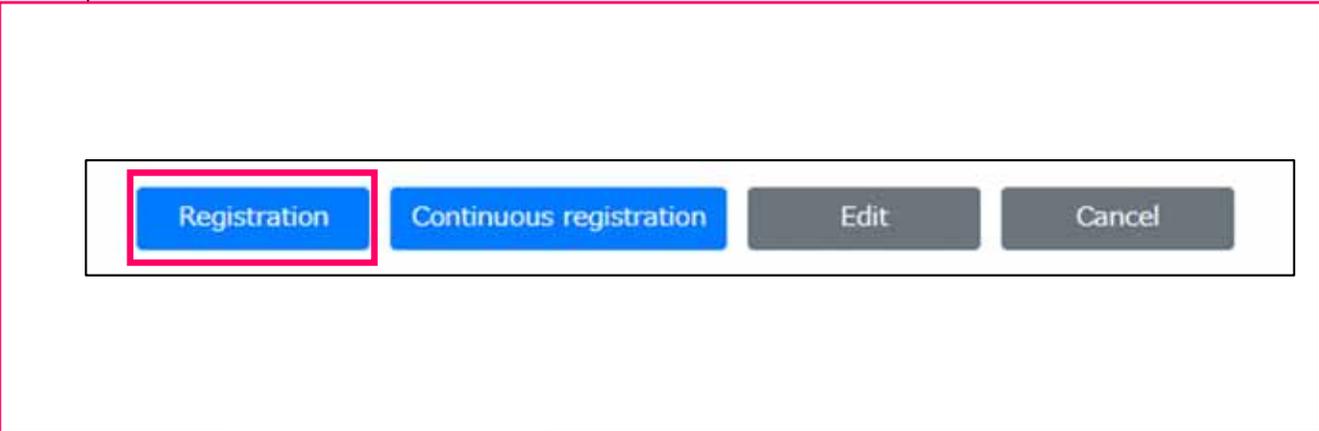
Ion Sputtering:

Ion Beam Species:

Ion Beam Acceleration Voltage:

Ion Sputtering Time:

Registration Continuous registration Edit Cancel



3. How to register data

Data Registration Status Details

1. The screen move to the “Data Registration Status Details” screen.
2. The data entry status changes from "Acceptance" to "Data Structuring Start" to "Normal End or Abnormal End“.
3. Ends with "Normal End" to indicate that data registration is complete.

データ登録状況詳細

登録中止 戻る

データエントリID

データセット名

装置

データ投入者(所属)

データ所有者(所属)

データ名

登録開始日時 2022-12-05 12:08:55 JST 2022-12-05 12:08:55 JST 2022-12-05 12:08:55 JST

データ登録ステータス 受付完了 データ構造化開始 正常終了

エラーコード -

エラーメッセージ

- There is no need to wait until data registration is complete.
- Even if you close your browser, processing will continue on the server.
- The data entry status will not automatically change. Please click the refresh button on your browser as appropriate.

4. How to view data

4. How to view data

4. How to view data

Access to RDE Data Viewing Application

1. Access to RDE Data Viewing Application (<https://rde.nims.go.jp/>) with web browser.
2. Log in with either a DICE account or a NIMS account.()
3. Click on the dataset for which you have registered data.

The screenshot displays the 'Dataset List' page of the RDE Data Viewing Application. At the top, there is a blue header with the text 'Dataset List'. Below the header, there is a search bar with the text 'Filter by Dataset Name, Description, Grant Number, Grant Name, Instrument Name, Instrument Local ID, Dataset Manager, Sample' and a magnifying glass icon. To the right of the search bar, there is a dropdown menu labeled 'Group Details/Dataset Creation'. Below the search bar, there is a section labeled '> Conditions'. Underneath, there is a section labeled 'Latest Information' with a blue upward arrow icon. A red circle with the number '3' is positioned to the left of the 'Test data set' entry, which is highlighted with a red rectangular box. Below the 'Test data set' entry, there are several sub-entries: 'Overview', 'Tags', 'Type of Dataset', 'Dataset Manager (Affiliation)', 'Grant Number', and 'Last Updated' with the value '2023-10-25 13:41:56 JST'. To the right of the 'Test data set' entry, there is a blue button labeled 'Data List' with a green plus icon and a blue downward arrow icon.

For more details, please refer to "[1. How to login to the RDE system.](#)"

4. How to view data

Access to data list

1. Click the "Data List" button on the DataSet Details screen.

Dataset Details :

Delete **Data List 1** Back

The currently displayed dataset has not been released yet.

Dataset Basic Information | **Data Catalog** | Metadata List

Edit

Dataset ID

Project マテリアル先端リサーチインフラ事業

Grant Number JPMXP1222NM4999

Grant Title RDEテスト用共通課題

Dataset Creator (Affiliation)

Dataset Manager (Affiliation)

Description

Related Datasets

Dataset Citation Format

Contact

Embargo End 2026-03-31 JST

Usage History

	Whole	Displayed Ver.
Dataset Views Count	2	2
Dataset Download Count	0	0
Dataset Size	1.28 MB	1.28 MB

Download

Tags

4. How to view data

Access to data detail screen

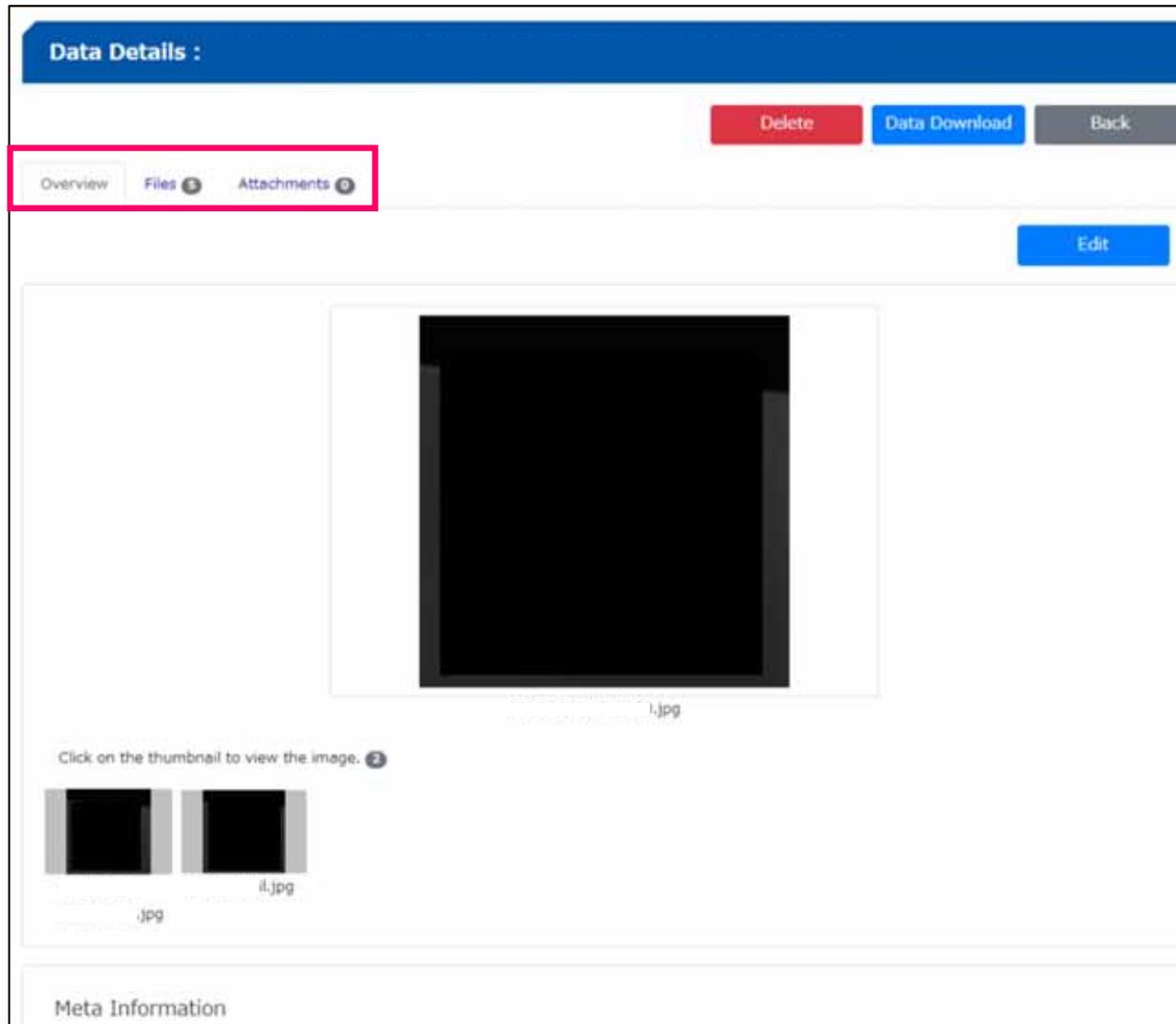
1. The Data List screen appears.
2. Click on the data name you want to review in detail.

The screenshot displays the 'Data List' interface. At the top, a blue header bar contains the text 'Data List:'. To the right of this header are two buttons: 'Dataset Details' (in blue) and 'Back to Dataset Viewer' (in grey). Below the header is a search bar with the placeholder text '> Search by'. To the right of the search bar is a dropdown menu set to 'Registered' and a radio button selection for 'ASC' and 'DES'. The main content area shows a list of data entries. The first entry, 'test_data_01', is highlighted with a red rectangular box and a pink circle containing the number '2'. Below the entry name is a black square representing a missing image. Underneath the image are several fields: 'Data Owner (Affiliation)', 'Sample Name (Local ID)' with the value 'test_data_01', 'Description', and 'Taxonomy'. At the bottom of the entry card, it says 'Registered 2023-10-25 13:44:08 JST' and 'Data ID:'. At the very bottom of the page, there is a pagination bar showing 'Showing 1 to 1 of 1 entries' and navigation buttons for 'First', 'Previous', '1', 'Next', and 'Last'.

4. How to view data

Displaying the Data Details screen

1. The Data Details screen appears.



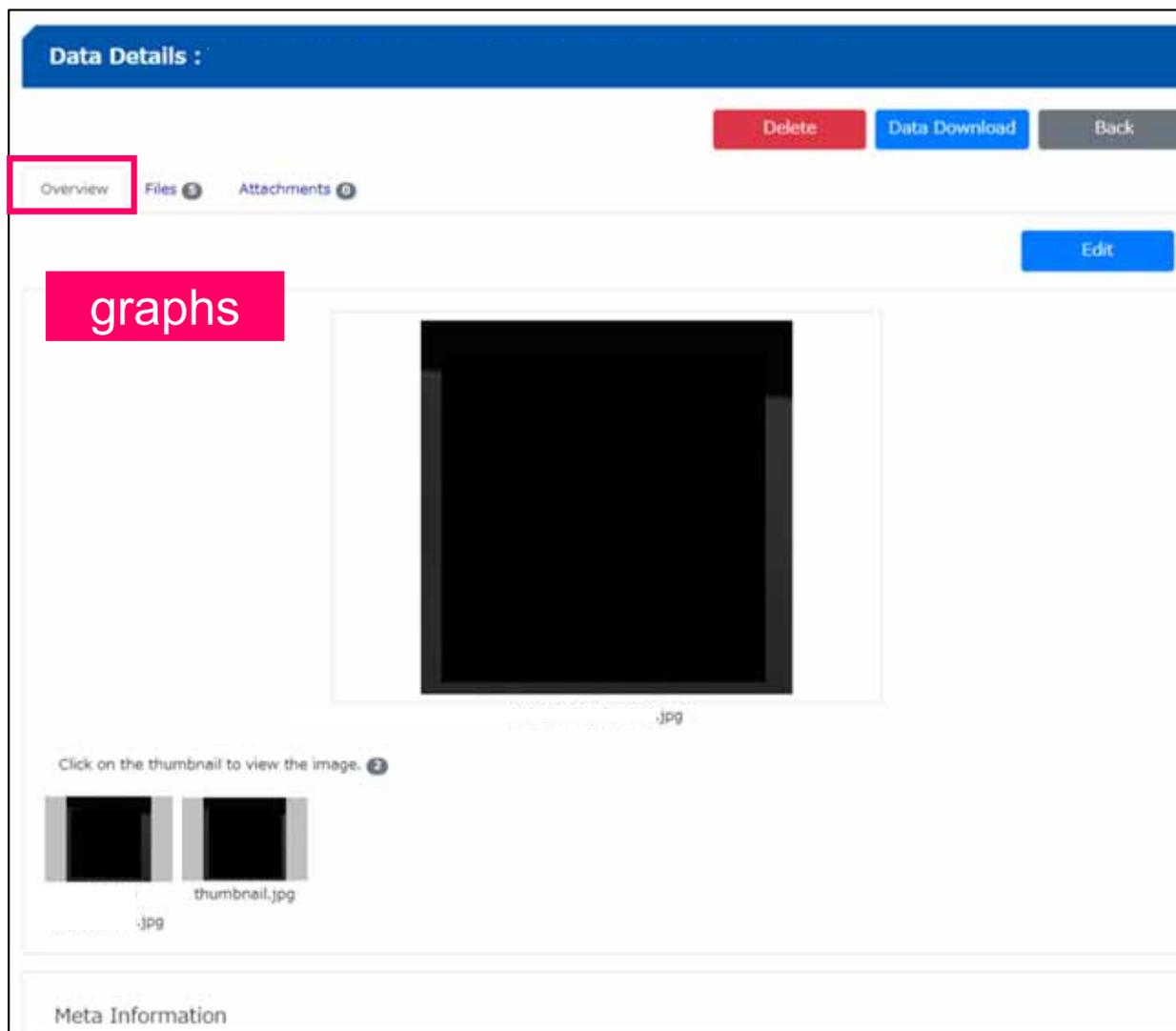
The Data Details screen has the following three tabs.

- Overview
- Files
- Attachments

4. How to view data

Overview tab [1/2]

1. In the Overview tab, you can see graphs and metadata information of the registered data.



4. How to view data

Overview tab [2/2]

1. Metadata information is displayed below the graph.

Meta Information

Category	Japanese Name	English Name	Unit	Value1
Basic Information	記入年月日	Date of Data Entry		████████
	データ所有者(所属)	Data Owner (Affiliation)		
	データ名	Data Name		████████
	実験ID	Experiment ID		
Instrument information	説明	Description		
	登録名	Registration Name		████████████████
	機関	Organization		██████
Sample Information	説明	Description		
	試料名(ローカルID)	Sample Name (Local ID)		████████
	化学式・組成式・分子式など	Chemical Formula etc.		
Custom	試料の説明	Description		
	取得日	Measurement Date		████████
	加速電圧	Accelerating Voltage	kV	███
	APNo	APNo		███
	撮影領域 X	Shooting Area X	μm	███
撮影領域 Y	Shooting Area Y	μm	███	

Shows the meta information registered on the invoice

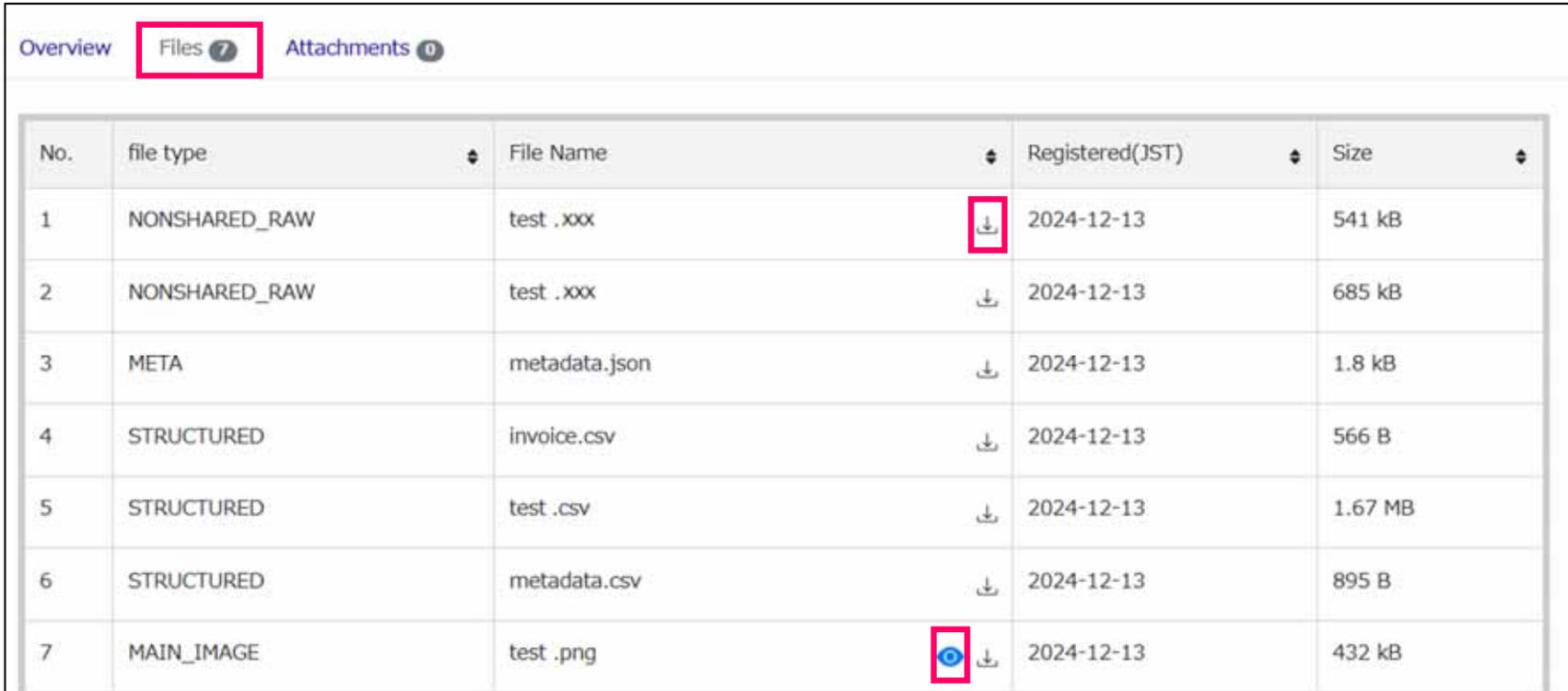
The mark  to the right of the Japanese name indicates the specific information entered manually on the invoice entry.

 Shows the meta information registered on the invoice

4. How to view data

Files tab

1. Click on the File tab to see a list of registered data files.



No.	file type	File Name	Registered(JST)	Size
1	NONSHARED_RAW	test .xxx	2024-12-13	541 kB
2	NONSHARED_RAW	test .xxx	2024-12-13	685 kB
3	META	metadata.json	2024-12-13	1.8 kB
4	STRUCTURED	invoice.csv	2024-12-13	566 B
5	STRUCTURED	test .csv	2024-12-13	1.67 MB
6	STRUCTURED	metadata.csv	2024-12-13	895 B
7	MAIN_IMAGE	test .png	2024-12-13	432 kB

On the Files tab, you can see a list of the following files.

- raw data files (Non-shared_raw)
- File created by data structuring (meta, structured)
- Image files

You can download the file by clicking the mark .

Click on the mark  to the right of the image file name to view the image.

4. How to view data

Attachments tab

1. In the Attachments tab, you can see a list of files that you have registered as attachments during or after data registration.



For details, please refer to the following.

- How to attach files
- 1) [Invoice entry –Attachment-](#)
 - 2) [Supplement 1. How to register attachments after data registration](#)

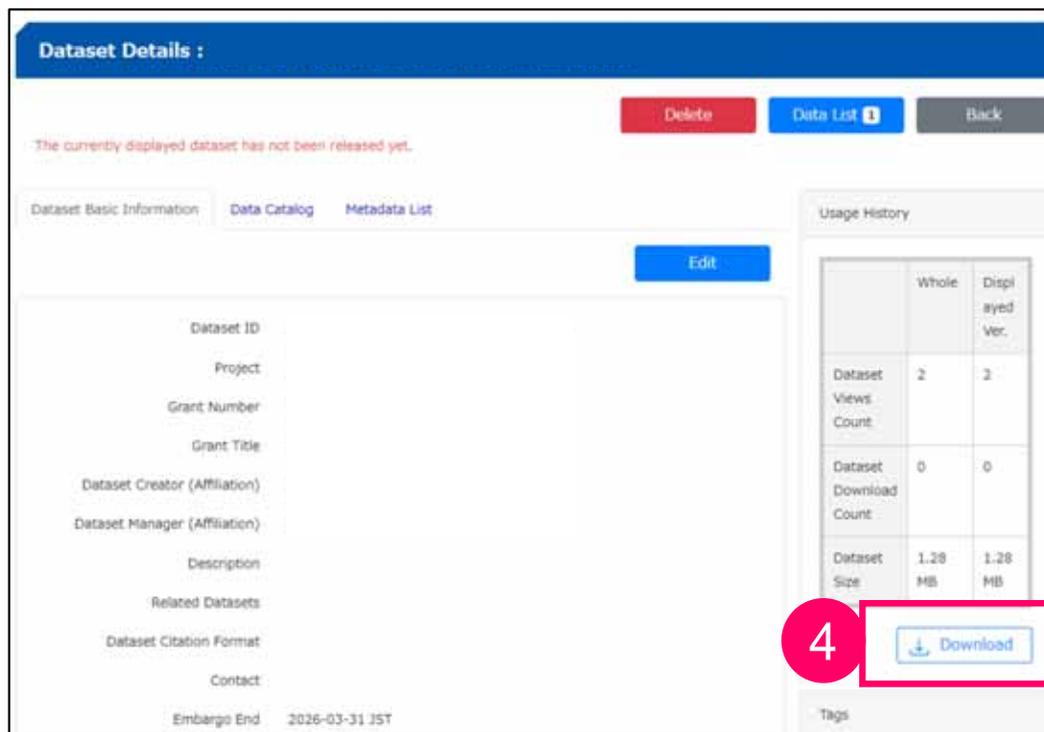
5. How to download data

5. How to download data

5. How to download data

Batch download of all data registered in a data set

1. Access the RDE data viewing application (<https://rde.nims.go.jp/>) with a web browser.
2. Log in with either a DICE account or a NIMS account.()
3. Click the dataset whose data you want to download.
4. Click the "Download" button in the usage history column of the dataset details screen.
5. The data is downloaded as a zip file.



The screenshot shows the 'Dataset Details' page. At the top, there are buttons for 'Delete', 'Data List 1', and 'Back'. A red message states: 'The currently displayed dataset has not been released yet.' Below this, there are tabs for 'Dataset Basic Information', 'Data Catalog', and 'Metadata List', along with an 'Edit' button. The main content area lists various dataset attributes: Dataset ID, Project, Grant Number, Grant Title, Dataset Creator (Affiliation), Dataset Manager (Affiliation), Description, Related Datasets, Dataset Citation Format, and Contact. At the bottom, it shows 'Embargo End 2026-03-31 JST'. On the right side, there is a 'Usage History' table with columns for 'Whole' and 'Displayed Ver.'. The table contains three rows of data. A red box highlights the 'Download' button in the bottom right corner, with a red circle containing the number '4' next to it.

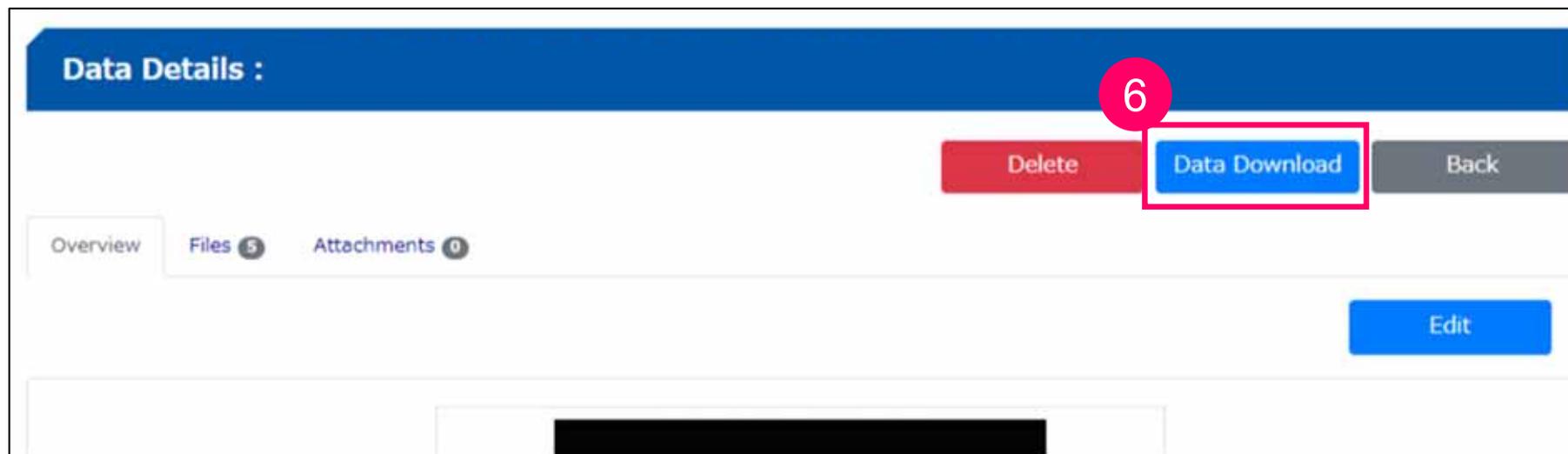
	Whole	Displayed Ver.
Dataset Views Count	2	2
Dataset Download Count	0	0
Dataset Size	1.28 MB	1.28 MB

For more details, please refer to ["1. How to login to the RDE system."](#)

5. How to download data

Download specific data only

1. Access the RDE data viewing application (<https://rde.nims.go.jp/>) with a web browser.
2. Log in with either a DICE account or a NIMS account.()
3. Click the dataset whose data you want to download.
4. Click the "Data List" button.
5. Click the "Data Name" of the data you want to download.
6. Click the "Data Download" button on the Data Details screen.
7. The data is downloaded as a zip file.



For more details, please refer to "[1. How to login to the RDE system.](#)"

5. How to download data

Supplemental info: DL destination folder for "Registration File" and "Attachment" [1/2]

1. The destination folder for downloading data entered in the "Register Files".

"Enter Invoice" screen

The screenshot shows the 'Enter Invoice' screen with two main sections: 'Register Files' and 'Attachments'. Each section has a 'Drag and drop' area and a 'Select' button. At the bottom, there are 'Confirm' and 'Cancel' buttons. A red arrow points from the 'Register Files' section to the 'nonshared_raw' folder in the adjacent table.

Typical contents of a DL ZIP folder

名前	更新日時	種
attachment	2023/09/15 11:07	フ
main_image	2023/09/15 11:07	フ
meta	2023/09/15 11:07	フ
nonshared_raw	2023/09/15 11:07	フ
structured	2023/09/15 11:07	フ
data.json	2023/09/15 2:06	JS
filemeta.json	2023/09/15 2:06	JS
invoice.json	2023/09/15 2:06	JS

Data files uploaded from the "Register Files" field of the invoice will be stored in the following folder when downloaded.

- raw data files(registered data files) → "nonshared_raw" folder in the ZIP folder.
- Structured data files → "structured" folder in the ZIP folder.

5. How to download data

Supplemental info: DL destination folder for "Registration File" and "Attachment" [2/2]

1. The destination folder for downloading data entered in the "Attachments" field.

"Enter Invoice" screen

The screenshot shows a web interface with two main sections: 'Register Files' and 'Attachments'. Each section has a 'Drag and drop' area and a 'Select' button. The 'Attachments' section is highlighted with a red border. At the bottom, there are 'Confirm' and 'Cancel' buttons. A red arrow points from the 'attachment' folder in the right-hand table to the 'Attachments' section.

Typical contents of a DL ZIP folder

名前	更新日時	種
attachment	2023/09/15 11:07	フ
main_image	2023/09/15 11:07	フ
meta	2023/09/15 11:07	フ
nonshared_raw	2023/09/15 11:07	フ
structured	2023/09/15 11:07	フ
data.json	2023/09/15 2:06	JS
filemeta.json	2023/09/15 2:06	JS
invoice.json	2023/09/15 2:06	JS

Attachments files uploaded from the "Attachments" field of the invoice will be stored in the "attachment" folder when downloaded.

Supplement 1. How to register attachments after data registration

Supplement 1. How to register attachments after data registration

Introduction

There are two ways to register attachments.

1. Registered at the time of data file registration

This way is done when you enter the Invoice.

It is described in “3. How to register data”.

Please refer [there](#).

2. Registered after data file registration.

This way is done in the invoice edit from the data details screen.

This way is explained below.



Supplement 1. How to register attachments after data registration

Access to RDE Data Viewing Application

1. Access to RDE Data Viewing Application (<https://rde.nims.go.jp/>) with web browser.
2. Log in with either a DICE account or a NIMS account.()
3. Click on the dataset in which the data for which you want to register an attachment is registered.

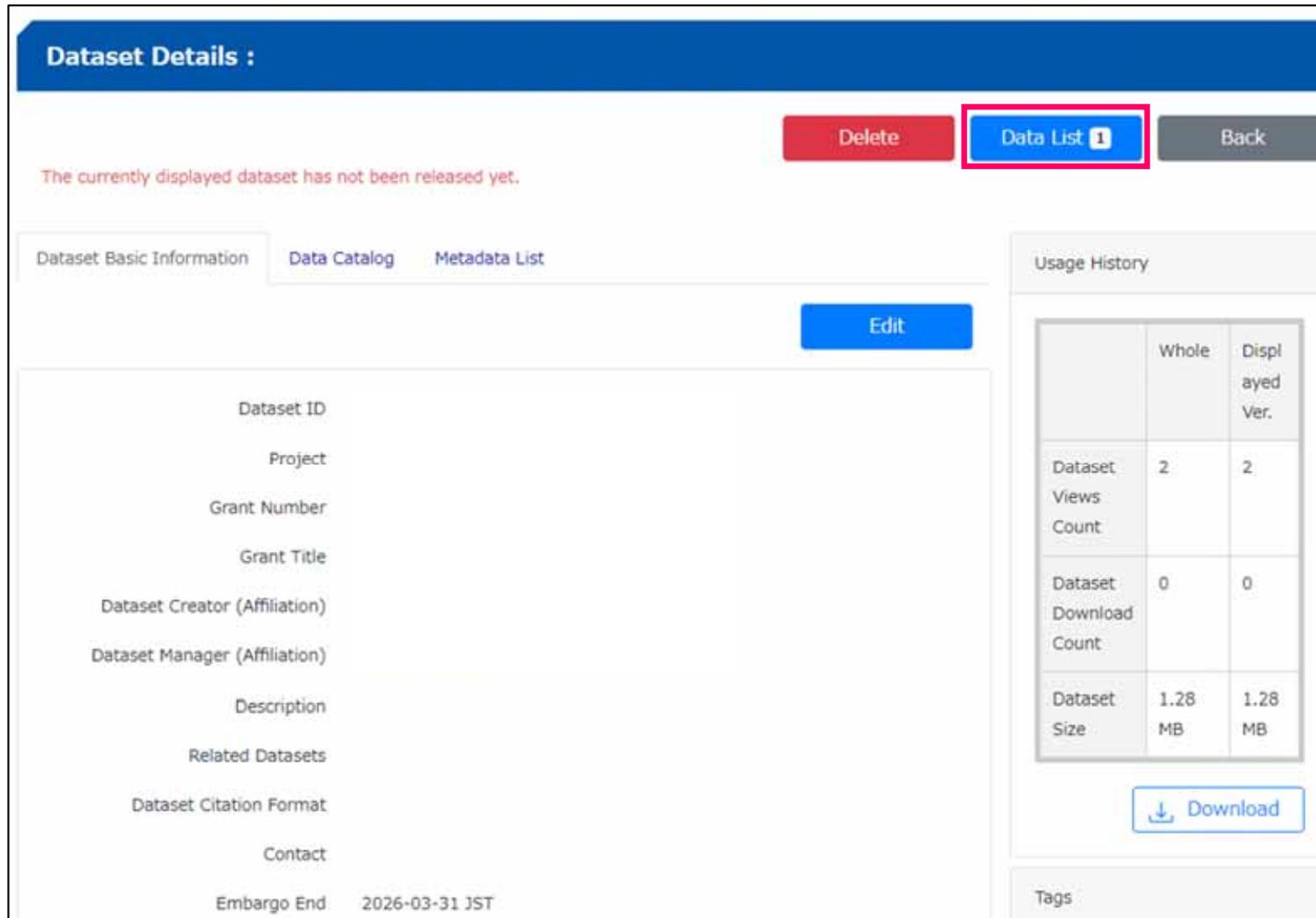
The screenshot displays the 'Dataset List' interface. At the top, there is a blue header with the text 'Dataset List'. Below the header, there is a search bar with the text 'Filter by Dataset Name, Description, Grant Number, Grant Name, Instrument Name, Instrument Local ID, Dataset Manager, Sample' and a magnifying glass icon. A dropdown menu is visible with the text 'Group Details/Dataset Creation'. Below the search bar, there is a section titled '> Conditions'. The main content area is titled 'Latest Information' and contains a table with one row. The first cell of the row is 'TEST.', which is highlighted with a red rectangular box. To the left of this box is a red circle containing the number '3'. To the right of the 'TEST.' cell, there is a 'Data List' button with a green icon. Below the table, there are several links: 'Overview', 'Tags', 'Type of Dataset', 'Dataset Manager (Affiliation)', 'Grant Number', and 'Last Updated'. The 'Last Updated' link shows the date and time '2023-10-25 13:41:56 JST'. There are also blue up and down arrow buttons on the right side of the 'Latest Information' section.

For more details, please refer to "[1. How to login to the RDE system.](#)"

Supplement 1. How to register attachments after data registration

Access to data list

1. Click the "Data List" button on the DataSet Details screen.



Dataset Details :

The currently displayed dataset has not been released yet.

Buttons: Delete, **Data List 1**, Back

Navigation: Dataset Basic Information, Data Catalog, Metadata List

Buttons: Edit

Dataset ID

Project

Grant Number

Grant Title

Dataset Creator (Affiliation)

Dataset Manager (Affiliation)

Description

Related Datasets

Dataset Citation Format

Contact

Embargo End 2026-03-31 JST

Usage History

	Whole	Displayed Ver.
Dataset Views Count	2	2
Dataset Download Count	0	0
Dataset Size	1.28 MB	1.28 MB

Buttons: Download

Tags

Supplement 1. How to register attachments after data registration

Access to data detail screen

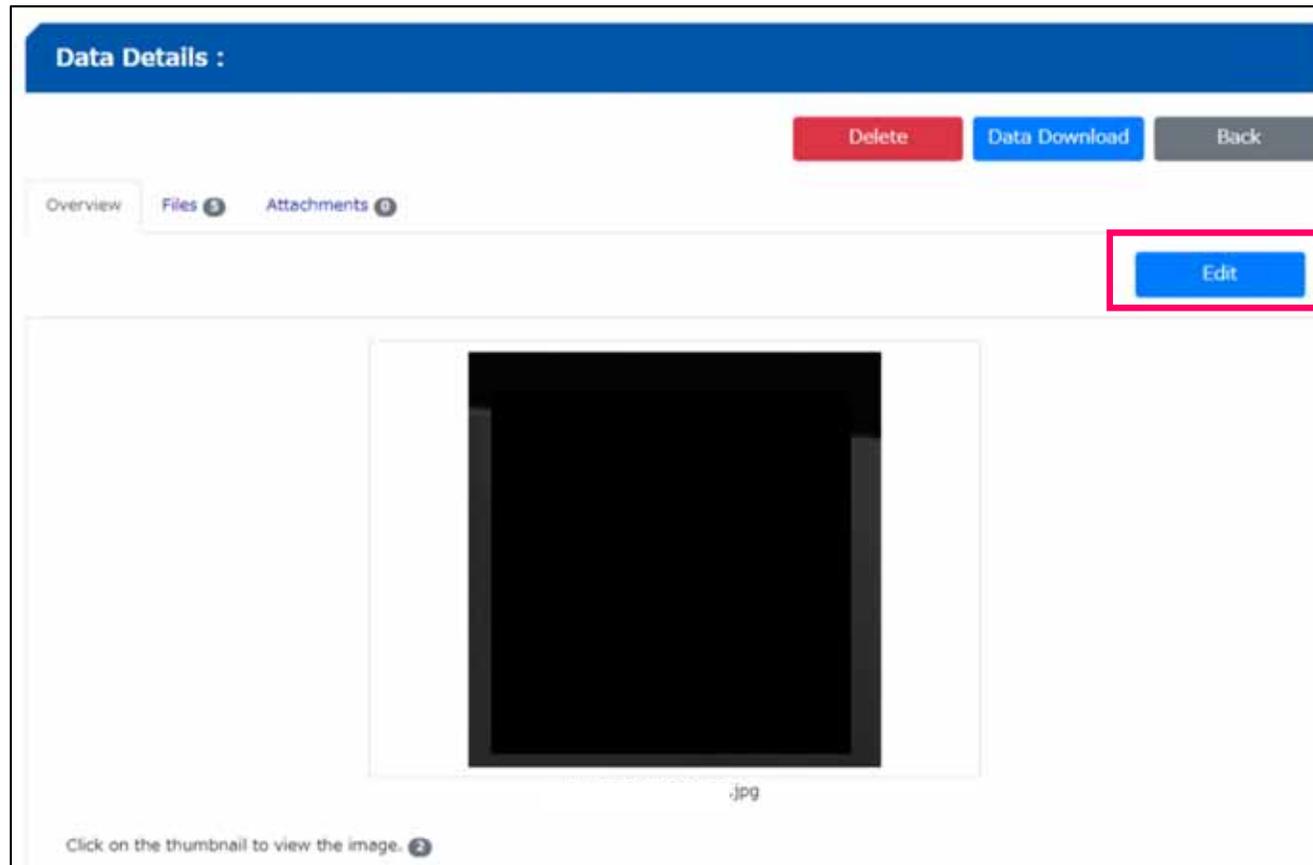
1. The Data List screen appears.
2. Click on the data name of the data for which you want to register attachment files.

The screenshot displays the 'Data List' interface. At the top, a blue header bar contains the text 'Data List:'. Below this, there are two buttons: 'Dataset Details' and 'Back to Dataset Viewer'. A search bar is visible with the text '> Search by'. On the right side, there is a dropdown menu set to 'Registered' and two radio buttons for 'ASC' and 'DES'. The main content area shows a single data entry, 'test_data_01', which is highlighted with a red rectangular box. A pink circle with the number '2' is positioned to the left of this box. Below the data name is a black square representing a missing image. Further down, there are fields for 'Data Owner (Affiliation)', 'Sample Name (Local ID)' (with the value 'test_data_01'), 'Description', and 'Taxonomy'. At the bottom of the entry, it says 'Registered 2023-10-25 13:44:08 JST'. Below the entry, it indicates 'Showing 1 to 1 of 1 entries' and a pagination bar with buttons for 'First', 'Previous', '1', 'Next', and 'Last'.

Supplement 1. How to register attachments after data registration

Invoice edit

1. Click the "Edit" button on the Overview tab.



Supplement 1. How to register attachments after data registration

Attachment Saving [1/2]

1. At the bottom of the "Edit Invoice" screen, there is an "Attachments" field.
2. Select the attachment files to register by clicking the "Select" button..

The screenshot displays the 'Edit Invoice' interface. At the top, the title 'Edit Invoice' is highlighted with a red box. Below the title, there are fields for 'Type of Dataset', 'Target Instruments', and 'Grant Number/Grant Title'. The 'Updated' timestamp is '2023-10-25 13:41:56 JST'. The 'Basic Information' section includes 'Date of Data Entry', 'Instrument', 'Data Registrant (Affiliation)', and 'Data Owner (Affiliation)'. The 'Description' field contains the text 'Please enter a description.'. The 'Sample Information' section includes 'Sample ID', 'Sample Name (Local ID)', and a 'Select' button. The 'Attachments' field is highlighted with a red box and labeled with a red circle '1'. Below the 'Attachments' field, there is a 'Drag and drop attachments.' area and a 'Select' button, both highlighted with red boxes and labeled with a red circle '2'. At the bottom of the screen, there are 'Save' and 'Cancel' buttons.

Supplement 1. How to register attachments after data registration

Attachment Saving [2/2]

1. Upload Complete" () will be displayed for the attached file.
2. Click the "Save" button.

送り状編集

データセットタイプ 更新日時 2023-02-08 16:13:41 JST

対象装置

課題番号/課題名

基本情報

記入年月日 2023-02-08 JST

添付ファイル

※PDFファイルもドラッグアンドドロップしてください

アップロード完了

No.	ファイル名	サイズ	説明
1	Test.txt	1.25 KB	説明を入力してください

Save Cancel

This "upload completed" refers to a temporary upload to the server and is not yet stored (registered) in the RDE.

Supplement 1. How to register attachments after data registration

Check attachments [1/2]

1. Click the "Attachments" tab on the Data Details screen of the data for which you saved attachments.
2. A virus scan will be performed on the saved attachment.

The screenshot shows the 'Data Details' interface. At the top, there is a blue header with the text 'データ詳細 :'. Below this, there are three buttons: 'データ削除' (Data Delete), 'データダウンロード' (Data Download), and 'データ一覧へ戻る' (Return to Data List). Underneath, there are three tabs: '概要' (Overview), 'ファイル 2' (Files 2), and '添付ファイル 1' (Attachments 1). A 'Refresh' button is located on the right side. The main content area is titled 'ウイルススキャン状況一覧' (Virus Scan Status List) and contains a table with the following data:

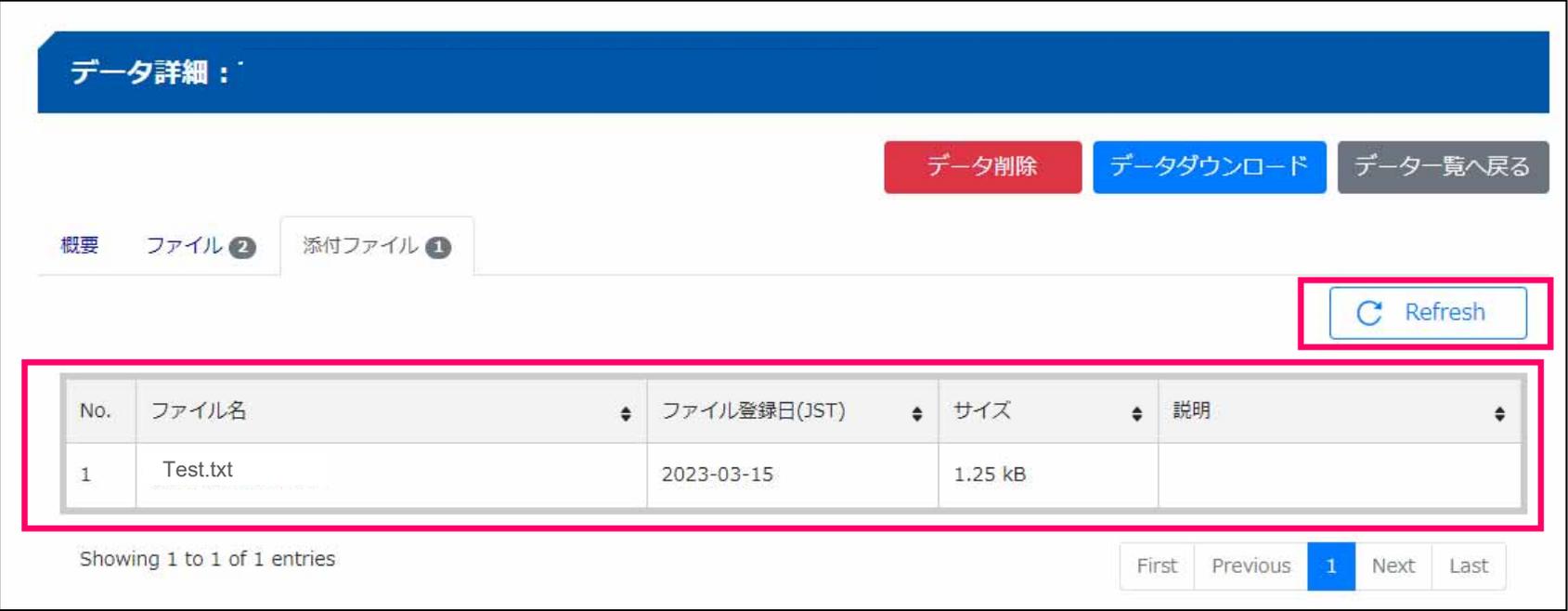
No.	ファイル名	ファイル登録日時(JST)	サイズ	ファイル登録者	ステータス
1	Test.txt	2023-03-15 17:43:44	792 B		スキャン中

Below the table, it says 'Showing 1 to 1 of 1 entries'. At the bottom right, there are navigation buttons: 'First', 'Previous', '1', 'Next', and 'Last'.

Supplement 1. How to register attachments after data registration

Check attachments [2/2]

1. Click the "Refresh" button as appropriate.
2. When the virus scan is complete, the file is saved (registered) as an attachment and displayed in the list.



The screenshot displays a web interface for data management. At the top, a blue header reads "データ詳細 :". Below it, three buttons are visible: "データ削除" (Data Delete), "データダウンロード" (Data Download), and "データ一覧へ戻る" (Return to Data List). A navigation bar includes "概要" (Overview), "ファイル 2" (Files 2), and "添付ファイル 1" (Attachments 1). A "Refresh" button with a circular arrow icon is highlighted with a red box. Below this is a table with the following data:

No.	ファイル名	ファイル登録日(JST)	サイズ	説明
1	Test.txt	2023-03-15	1.25 kB	

Below the table, it says "Showing 1 to 1 of 1 entries". At the bottom right, there are navigation buttons: "First", "Previous", "1" (highlighted), "Next", and "Last".

Supplement 1. How to register attachments after data registration

Download data file when attachments are registered

1. If attachments are saved (registered), the "attachment" folder will be included when the data is downloaded.
2. The attachment will be stored in that "attachment" folder.

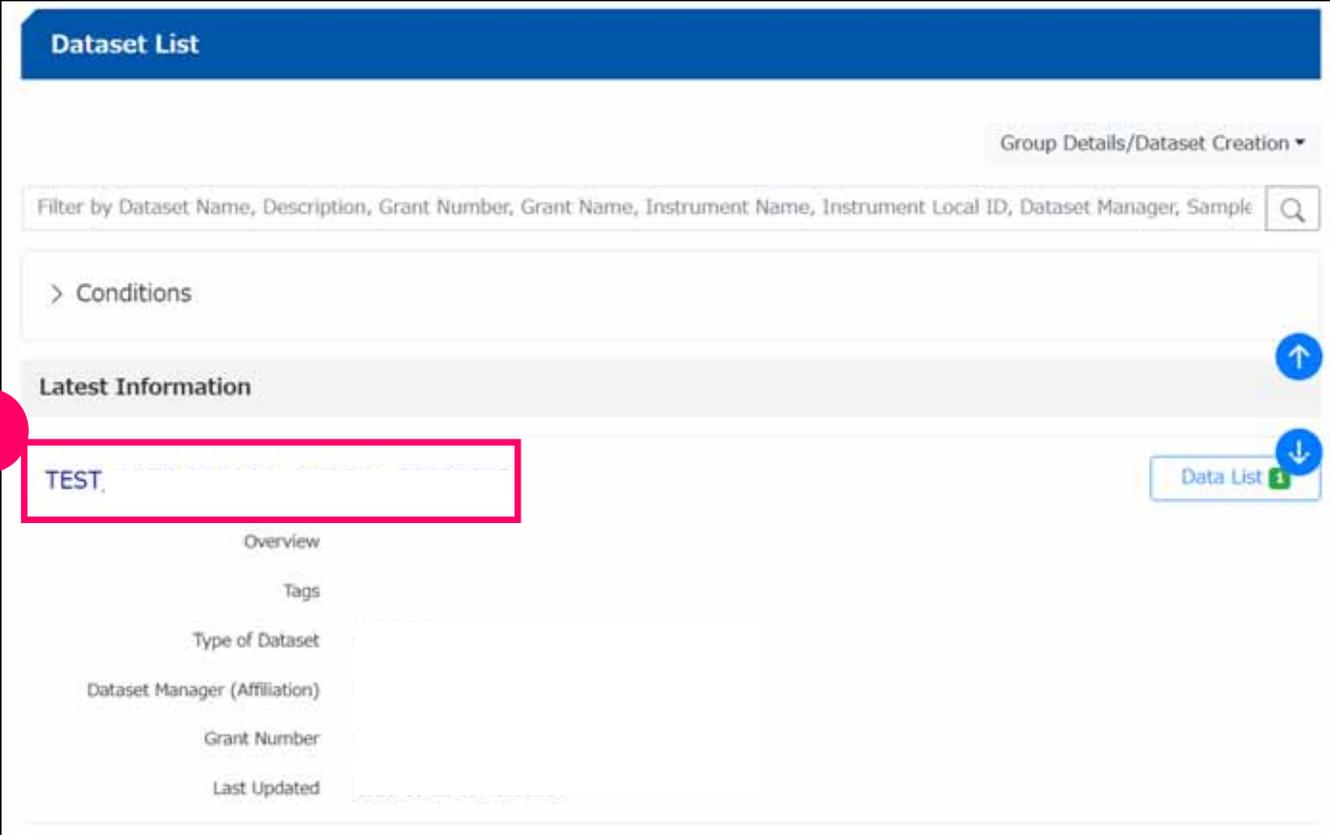


Supplement 2. How to modify invoice entry

Supplement 2. How to modify invoice entry

Access to RDE Data Viewing Application

1. Access to RDE Data Viewing Application (<https://rde.nims.go.jp/>) with web browser.
2. Log in with either a DICE account or a NIMS account.()
3. Click on the dataset in which the data you want to modify the invoice entry are registered.



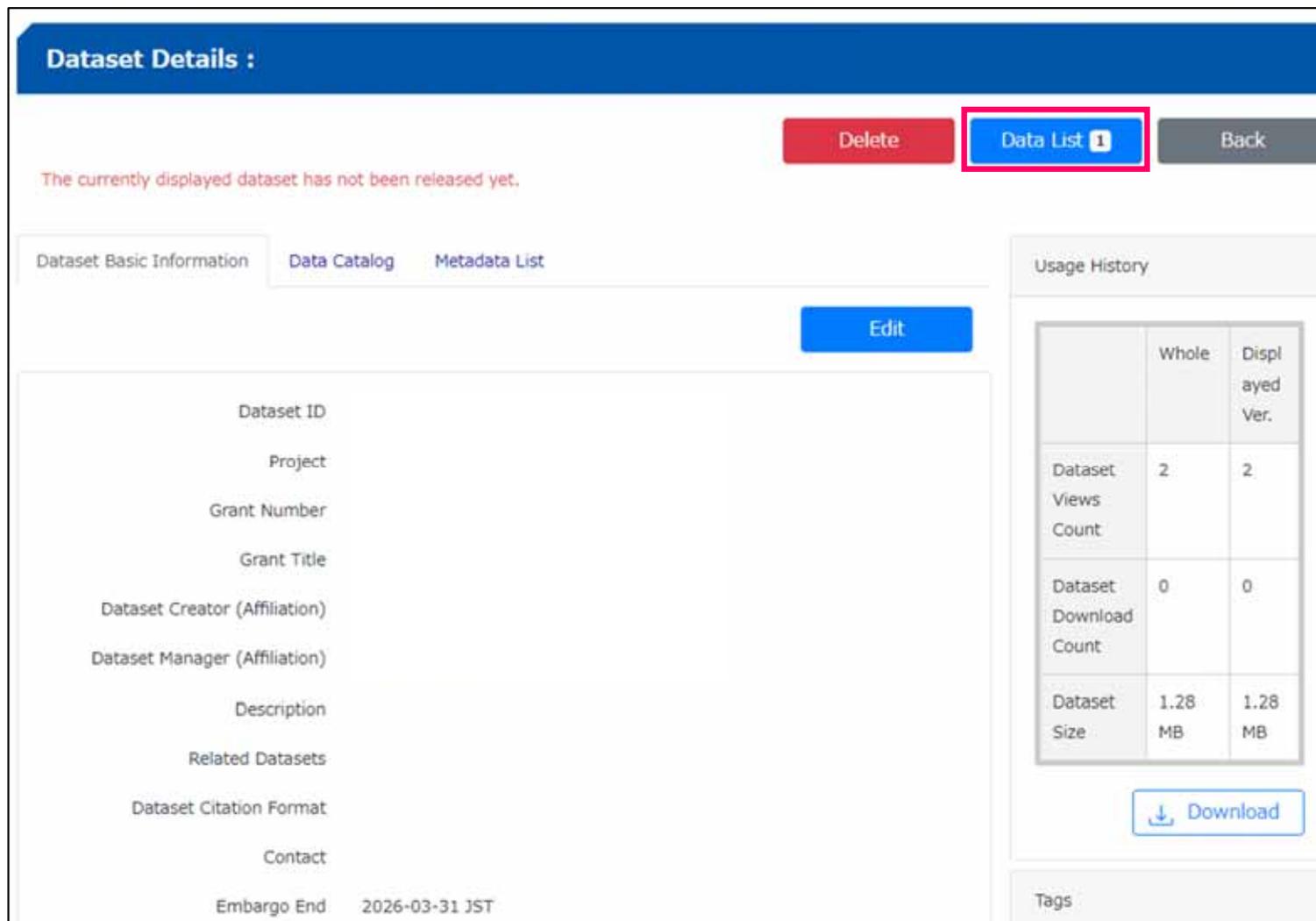
The screenshot displays the 'Dataset List' interface. At the top, there is a blue header with the text 'Dataset List'. Below the header, there is a search bar with the text 'Filter by Dataset Name, Description, Grant Number, Grant Name, Instrument Name, Instrument Local ID, Dataset Manager, Sample' and a magnifying glass icon. To the right of the search bar, there is a dropdown menu labeled 'Group Details/Dataset Creation'. Below the search bar, there is a section labeled '> Conditions'. Underneath, there is a section labeled 'Latest Information' with a blue upward arrow icon. A red box highlights the dataset name 'TEST' in the list. To the left of this box is a red circle containing the number '3'. To the right of the 'TEST' entry, there is a blue downward arrow icon and a button labeled 'Data List' with a green plus icon. Below the 'TEST' entry, there are several fields: 'Overview', 'Tags', 'Type of Dataset', 'Dataset Manager (Affiliation)', 'Grant Number', and 'Last Updated'.

For more details, please refer to "[1. How to login to the RDE system.](#)"

Supplement 2. How to modify invoice entry

Access to data list

1. Click the "Data List" button on the DataSet Details screen.



Dataset Details :

The currently displayed dataset has not been released yet.

Buttons: Delete, **Data List 1**, Back

Navigation: Dataset Basic Information, Data Catalog, Metadata List

Buttons: Edit

Dataset ID

Project

Grant Number

Grant Title

Dataset Creator (Affiliation)

Dataset Manager (Affiliation)

Description

Related Datasets

Dataset Citation Format

Contact

Embargo End 2026-03-31 JST

Usage History

	Whole	Displayed Ver.
Dataset Views Count	2	2
Dataset Download Count	0	0
Dataset Size	1.28 MB	1.28 MB

Buttons: Download

Tags

Supplement 2. How to modify invoice entry

Access to data detail screen

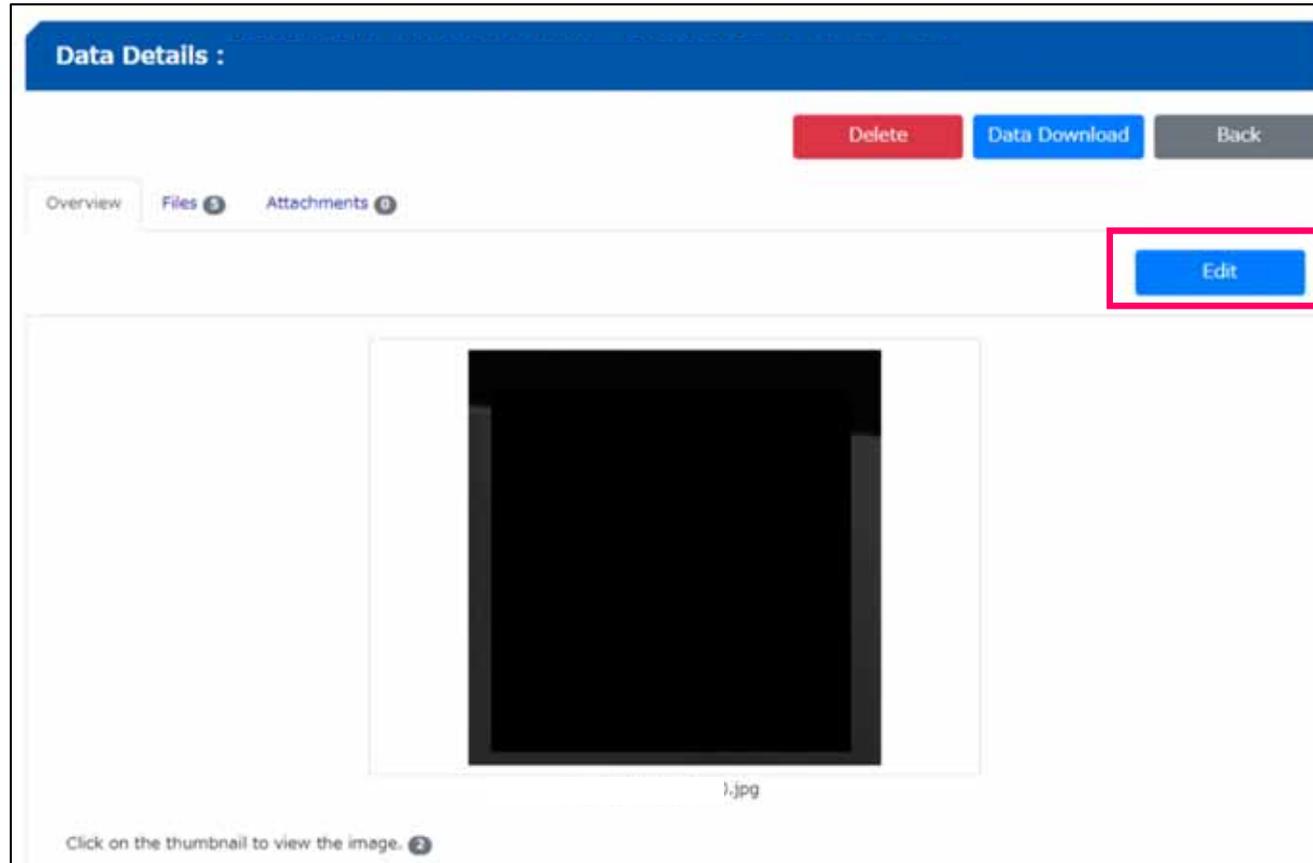
1. The Data List screen appears.
2. Click on the data name of the data you want to modify.

The screenshot displays the 'Data List' interface. At the top, a blue header bar contains the text 'Data List:'. To the right of this header are two buttons: 'Dataset Details' (in blue) and 'Back to Dataset Viewer' (in grey). Below the header is a search bar with the placeholder text '> Search by'. To the right of the search bar is a dropdown menu set to 'Registered' and a radio button selection for 'ASC' and 'DES'. The main content area shows a single data entry, 'test_data_01', which is highlighted with a red rectangular box. A pink circle with the number '2' is positioned to the left of this box. Below the data name is a black square representing a missing image. Underneath the image are several fields: 'Data Owner (Affiliation)', 'Sample Name (Local ID)' with the value 'test_data_01', 'Description', and 'Taxonomy'. At the bottom of the entry, it says 'Registered 2023-10-25 13:44:08 JST' and 'Data ID:'. At the very bottom of the screen, there is a pagination bar that says 'Showing 1 to 1 of 1 entries' and navigation buttons for 'First', 'Previous', '1', 'Next', and 'Last'.

Supplement 2. How to modify invoice entry

Invoice edit [1/2]

1. Click the "Edit" button on the Overview tab.



Supplement 2. How to modify invoice entry

Invoice edit [2/2]

1. The Edit Invoice screen will appear.
2. Modify as needed for items that need to be corrected.
3. When you have finished modifying, click the "Save" button at the bottom of the screen.

Edit Invoice :

Type of Dataset: ANALYSIS Updated: 2023-10-25 13:41:56 JST

Target Instruments: [REDACTED]

Grant Number/Grant Title: JPMXP1222NM4999/RDEテスト用共通課題

Basic Information

Date of Data Entry: [REDACTED]

Instrument: [REDACTED]

Data Registrant (Affiliation): [REDACTED]

Data Owner (Affiliation) required: NIMS,Hanako (NIMS) → modify → NIMS,Taro (NIMS)

Data Name required: test_data_01

Experiment ID: Please enter the experiment id

Description: Please enter a description.

Save Cancel

Supplement 3: How to Create a DICE Account and Edit Your Profile

<Note>

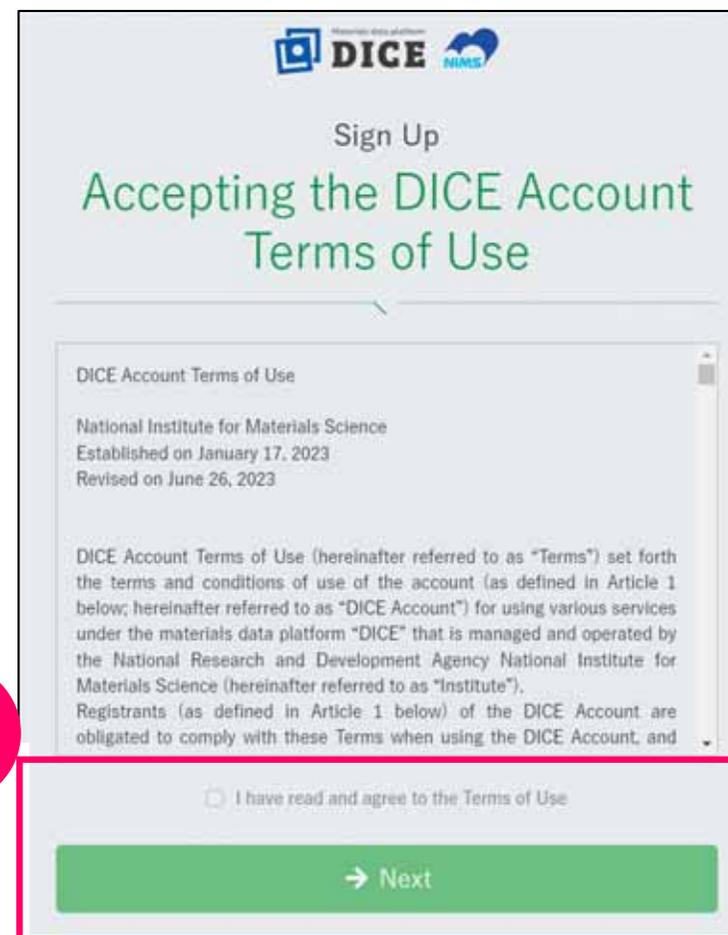
If you have a NIMS email address, please do not use it to create a DICE account.

This may cause issues when logging into RDE

Supplement 3: How to Create a DICE Account

■ 1. Creating a DICE account (signing up) [1 / 6]

1. Access <https://diceidm.nims.go.jp/csp/signedup/> with a browser.
2. Click 'Start Registration' on the Start DICE Account Registration screen.
3. Check the content on the DICE Account Terms of Use to the end, then click 'I have read and agree to the Terms of Use' and click 'Next'.



Attention for NIMS related persons only

NIMS email address (*@nims.go.jp) has a different management system.

Please do not create a DICE account with a NIMS email address

(*@nims.go.jp)

Supplement 3: How to Create a DICE Account

■ 1. Creating a DICE account (signing up) [2 / 6]

4. Enter your email address (from your institution) and click 'Send Verification Code'.

Materiais data platform
DICE NIMS

Sign Up
Email Address Registration

The e-mail address entered below will be used as your User ID. We recommend that you use your organization's e-mail address. On the next screen, enter the verification code that will be sent to the e-mail address below.

Email address **Required**

Confirm Email **Required**

Send Verification Code

- Only the institution's email address is acceptable.
- Free email addresses such as Gmail are not acceptable.

Attention for NIMS related persons only

NIMS email address (*@nims.go.jp) has a different management system.

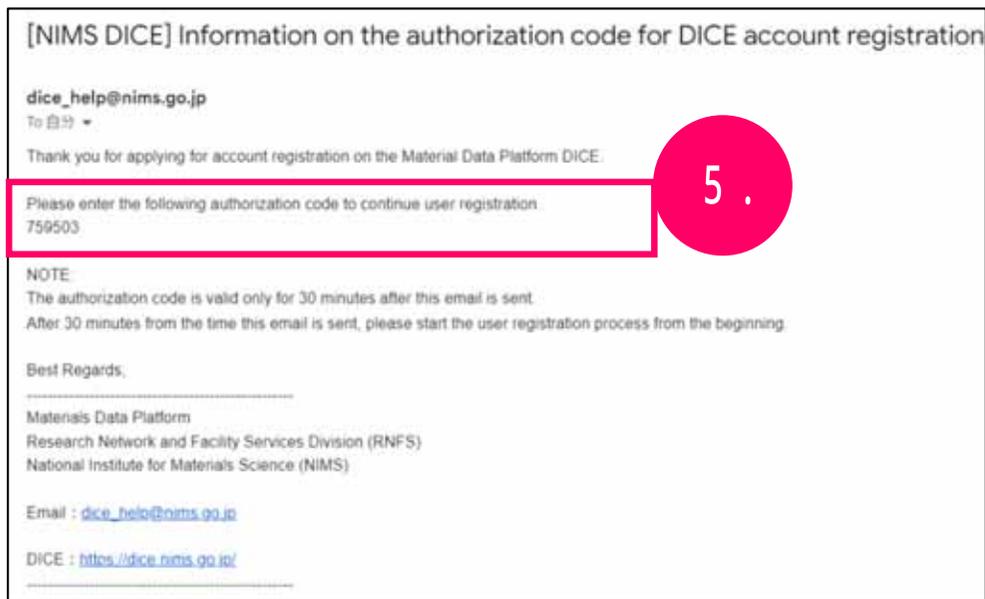
Please do not create a DICE account with a NIMS email address (*@nims.go.jp)

Supplement 3: How to Create a DICE Account

■ 1. Creating a DICE account (signing up) [3 / 6]

5. An email with an authentication code will be sent to the email address entered.

6. Enter the authentication code provided in the email on the verification code and click 'Next'.



Materials data platform
DICE NIMS

Sign Up
Verification code

Please enter the verification code sent to your email address

Email address 

Verification code  **Required**

A red box highlights the verification code input field and the "Next" button, and a red circle with the number "6" is placed next to it.

Supplement 3: How to Create a DICE Account

■ 1. Creating a DICE account (signing up) [4 / 6]

7. Enter user information. is required. Click the Confirm .

The screenshot shows the 'Sign Up' page for DICE. The title is 'Enter user information'. A note states: 'Must use 4 types of lowercase letters, uppercase letters, numbers, and symbols, 10 characters or more'. The form includes the following fields:

- Password (Required)
- Password (Confirmation) (Required)
- Language for mail (Required) - Japanese
- Display name (Required)
- Last Name (Required)
- Middle Name
- First Name (Required)
- Last Name (Kanji)
- First Name (Kanji)
- Last Name (Kana)
- First Name (Kana)
- Country (Required) - Japan
- CitizenShip (Required) - Japan
- Organization Name (Required)
- Department Name

A green 'Confirm' button with a checkmark is located at the bottom of the form, highlighted by a red box.

Item	Description	character limit
Password	Please enter the password you use to log in to the system.	
Password(Confirmation)	Enter the same password once again.	
Language for mail	Select your language.	-
Display name	Enter your name as it will appear on the screen after login.	200
Last Name	Enter your last name in the alphabet.	64
Middle Name	Enter your middle name in the alphabet.	64
First Name	Enter your first name in the alphabet.	64
Last Name (Kanji)	Enter your last name in Chinese characters.	64
First Name (Kanji)	Enter your first name in Chinese characters.	64
Last Name (Kana)	Enter your last name in Katakana.	64
First Name (Kana)	Enter your first name in Katakana.	64
Country	Select your country of residence.	-
CitizenShip	Select your nationality.	-
Organization Name	Enter the name of your institution.	200
Department Name	Enter the name of your department.	200

Check the notes on the next page about user information.

Supplement 3: How to Create a DICE Account

■ 1. Creating a DICE account (signing up) [4 / 6]

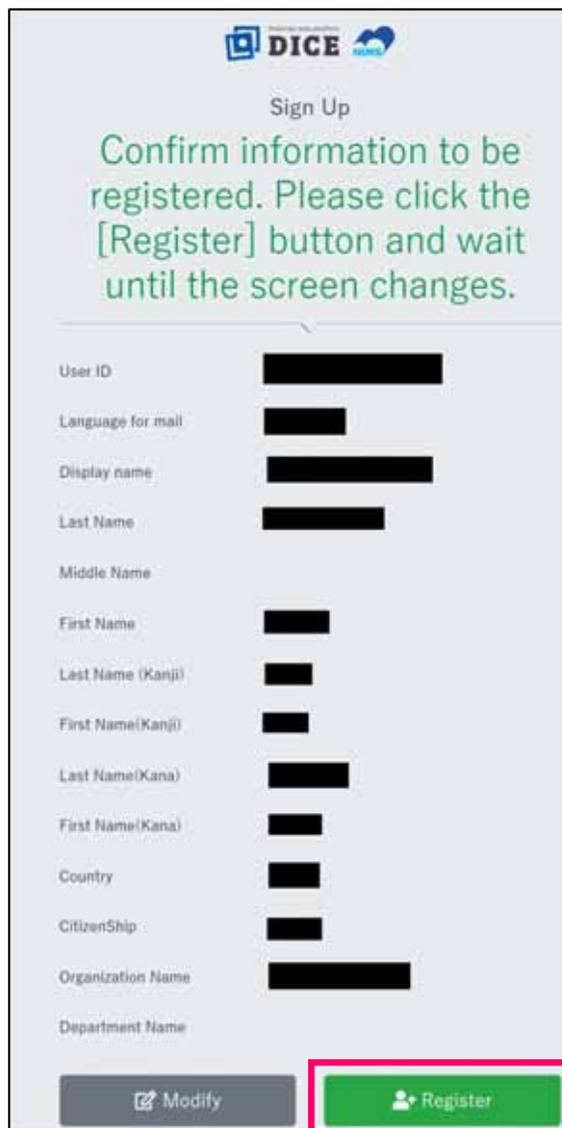
Notes about user information

1. For display name, please enter full name.
 - Example: YAMADA, Taro (Last Name, First Name)
 - Do not enter anything like a nickname.
2. Please enter as much as possible about the Kanji and Kana of the name.
3. For password, you must use 4 types of lowercase letters, uppercase letters, numbers, and symbols, 10 characters or more.

Supplement 3: How to Create a DICE Account

■ 1. Creating a DICE account (signing up) [4 / 6]

7. Confirm the information entered and click the Register . Then wait until the screen changes.



The screenshot shows the DICE Sign Up page. At the top, there is the DICE logo and the text "Sign Up". Below this, a green message reads: "Confirm information to be registered. Please click the [Register] button and wait until the screen changes." The main part of the page is a list of fields, each with a blacked-out value: User ID, Language for mail, Display name, Last Name, Middle Name, First Name, Last Name (Kanji), First Name (Kanji), Last Name (Kana), First Name (Kana), Country, CitizenShip, Organization Name, and Department Name. At the bottom, there are two buttons: "Modify" and "Register". The "Register" button is highlighted with a red border.

Supplement 3: How to Create a DICE Account

■ 1. Creating a DICE account (signing up) [5 / 6]

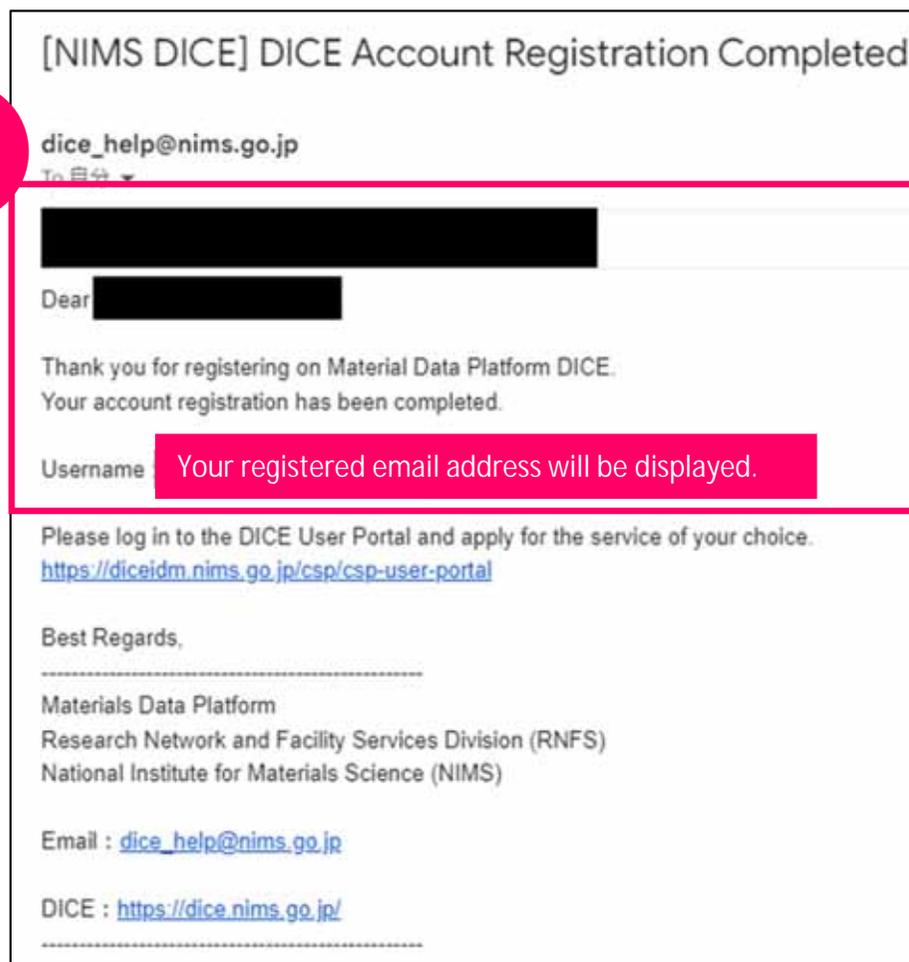
8. Registration completion screen appears.



Supplement 3: How to Create a DICE Account

■ 1. Creating a DICE account (signing up) [6 / 6]

9. An e-mail is sent to the registered e-mail address to inform you of the completion of registration for the DICE account.



< ご注意 >

In the email text,

Please log in to the DICE User Portal and apply for the service of your choice

<https://diceidm.nims.go.jp/csp/csp-user-portal>

Please ignore this description!

With the arrival of this completion email, your DICE account has been created.

DICE accounts are not only used for RDE, used for various other NIMS database services.

This is why it is marked as such.

Supplement 3: How to Create a DICE Account and Edit Your Profile

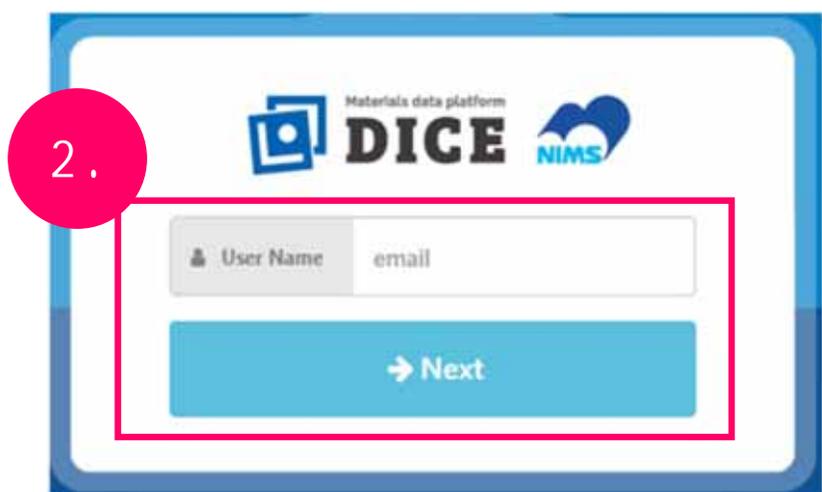
Users with NIMS email addresses **cannot edit** their DICE account profiles.

Users without NIMS email addresses **can edit** their DICE account profiles.

Supplement 3: How to Edit Your Profile of Your DICE Account

■ 3. How to login to the DICE User Portal site [1 / 2]

1. Access the DICE User Portal site (<https://diceidm.nims.go.jp/csp/csp-user-portal/>).
2. Enter your email address to the "User Name" and click "Next".
3. Enter your Password and click "Next".



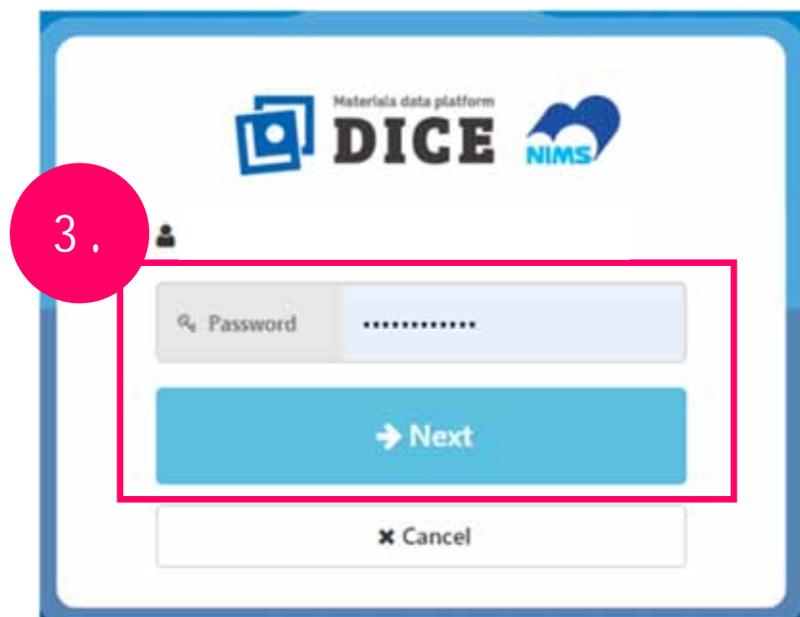
2.

Materials data platform
DICE NIMS

User Name email

→ Next

This screenshot shows the first step of the login process. A pink circle with the number '2.' is positioned to the left of the form. The form itself is enclosed in a pink rectangular border. It features the DICE and NIMS logos at the top. Below the logos is a text input field with the placeholder text 'User Name' and 'email'. A blue button with a right-pointing arrow and the text 'Next' is located below the input field.



3.

Materials data platform
DICE NIMS

Password

→ Next

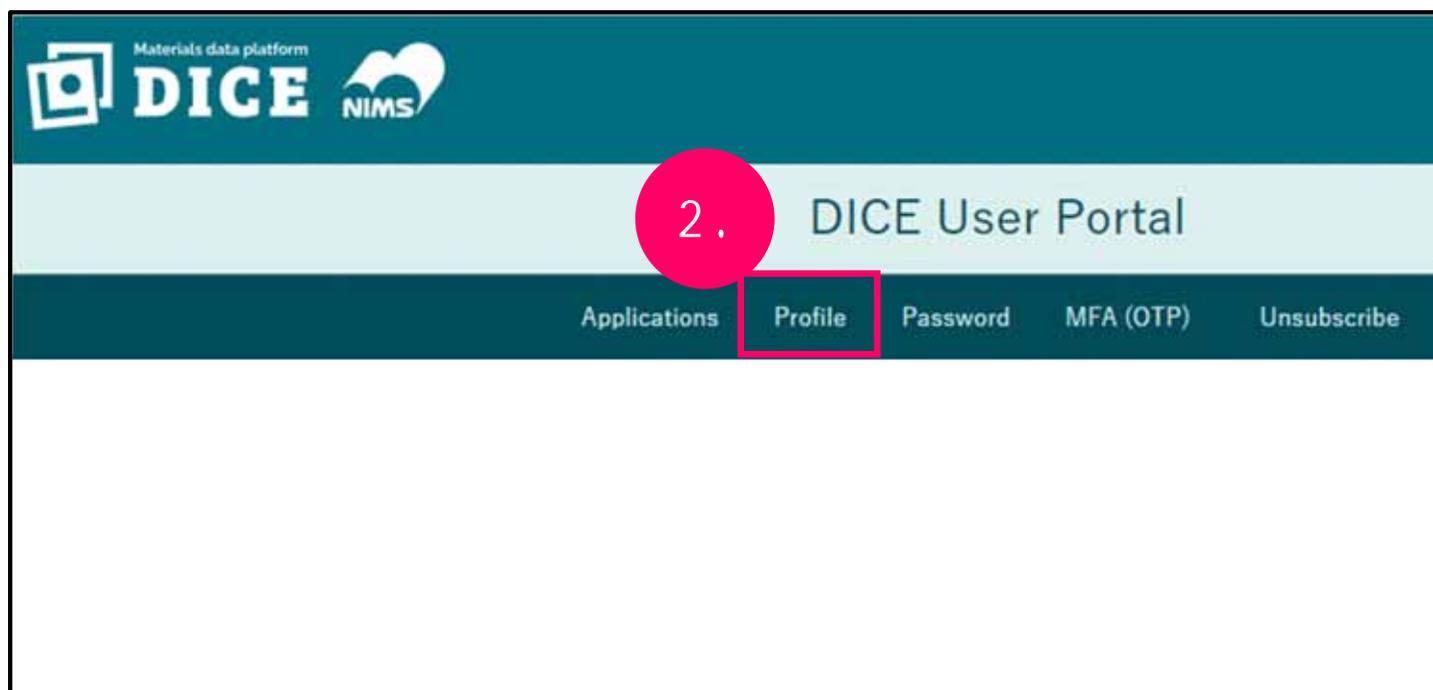
✕ Cancel

This screenshot shows the second step of the login process. A pink circle with the number '3.' is positioned to the left of the form. The form is enclosed in a pink rectangular border. It features the DICE and NIMS logos at the top. Below the logos is a text input field with the placeholder text 'Password' and a series of dots representing a masked password. A blue button with a right-pointing arrow and the text 'Next' is located below the input field. At the bottom of the form is a white button with a black 'X' icon and the text 'Cancel'.

Supplement 3: How to Edit Your Profile of Your DICE Account

■ 4. How to modify your DICE account profile[1 / 2]

1. Click on "Profile".



Attention

Profile modification is **not possible** for DICE account **linked to a NIMS email address**. If you log in with the DICE account linked to your NIMS email address, "Profile" will not be displayed.

Supplement 3: How to Edit Your Profile of Your DICE Account

4. How to modify your DICE account profile [2 / 2]

3. The profile information entry screen appears.
4. Correct the necessary items.
5. Click "Save".

DICE User Portal

Applications Profile Password MFA (OTP) Unsubscribe

User ID [Redacted]

DICE-ID [Redacted]

Language for mail [Required] [Redacted]

Display name [Required] [Redacted]

Last Name [Required] [Redacted]

Middle Name [Redacted]

First Name [Required] [Redacted]

Last Name (Kanji) [Redacted]

First Name (Kanji) [Redacted]

Last Name (Kana) [Redacted]

First Name (Kana) [Redacted]

Country [Required]

CitizenShip [Required]

Organization Name [Required]

Department Name

ORCID

e-Rad ID

researchmap permanent link ID

5. Save

· For display name, enter your full name.
· Do not enter anything like a nickname.

· For kanji and Kana of your name, please enter as much as possible.

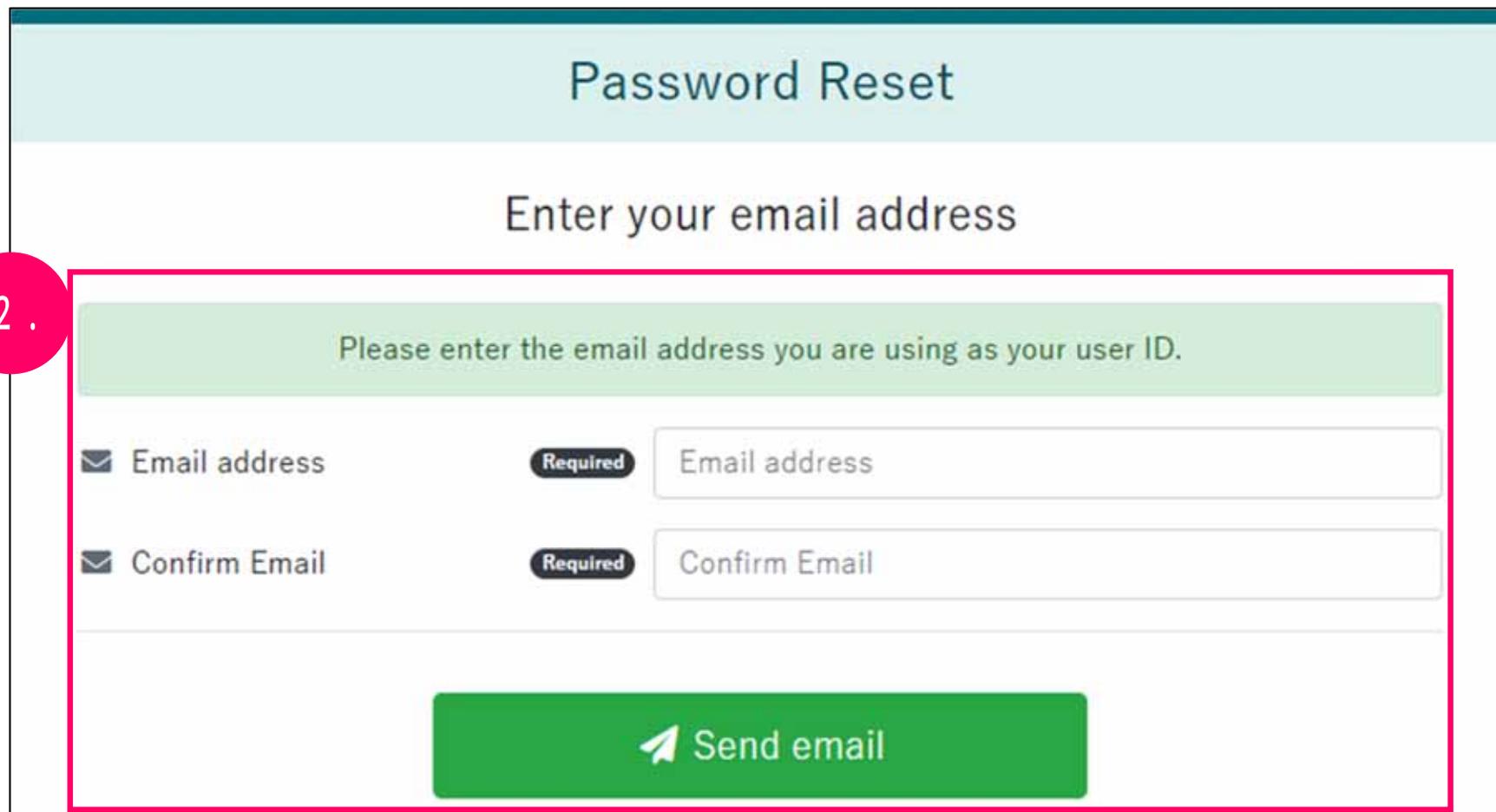
Necessary to contact you.

Supplement 4: How to reset and change your DICE account password

Supplement 4: How to reset your DICE account password

■ Reset DICE account password[1 / 2]

1. Access the password reset site (<https://diceidm.nims.go.jp/csp/pwreset/>).
2. Enter the email address registered in your DICE account and click "Send email".



2 .

Password Reset

Enter your email address

Please enter the email address you are using as your user ID.

✉ Email address **Required**

✉ Confirm Email **Required**

 Send email

Supplement 4: How to reset your DICE account password

■ Reset DICE account password[2 / 2]

3. The password reset screen will open.
4. A verification code will be sent to the e-mail address you entered.
5. On the password reset screen, enter the verification code, new password and the same new password again, then click the "Update".
6. The password reset completion screen will appear.

5 .

Password Reset

Password Reset

Please enter the verification code sent to your email address
Please enter your new password.

Email address [REDACTED]

Verification code **Required** Verification code (6 digits)

Must use 4 types of lowercase letters, uppercase letters, numbers, and symbols: 8 characters or more

Password **Required** Password

Confirm Password **Required** Password

Update

Password Reset

Password reset is complete.
[To DICE Portal](#)

Supplement 4: How to change your DICE account password

■ Change the DICE account password

1. Access the DICE User Portal (<https://diceidm.nims.go.jp/csp/csp-user-portal/>).
2. Sign in with your DICE account.
3. Click "Password".
4. Enter "Current password", "New password", and "Confirm your new password" respectively, and click "Save".
5. The message "Password has been updated." is displayed, then the password change (setting) is completed.

DICE User Portal

Applications Profile **Password** MFA (OTP) Unsubscribe

Current password

Must use 4 types of lowercase letters, uppercase letters, numbers, and symbols. 8 characters or more

New password

Confirm your new password

DICE User Portal

Applications Profile Password **MFA (OTP)** Unsubscribe

Password has been updated.

Current password

Must use 4 types of lowercase letters, uppercase letters, numbers, and symbols. 8 characters or more

New password

Confirm your new password