



Title	Essential Material for Humanities Researchers: An Introduction to Research Data Management and Publishing and Utilizing IIIF Images with OUKA
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Note	

*The University of Osaka Institutional Knowledge Archive : OUKA*

<https://ir.library.osaka-u.ac.jp/>

The University of Osaka



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## **6. Materials and Methods for Creating IIF-compatible Images Using OUKA**

# Publishing Images

## Research Output Data

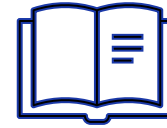
- Refers to figures, charts, and datasets that have been published in academic papers (not your entire research dataset).
- The University of Osaka's institutional repository, **OUKA**, supports publishing high-resolution figures and photos online in accordance with the IIF framework.
- Once published, the data remains accessible as long as OUKA continues operation, **reducing the burden of maintaining your own publication infrastructure.**

# (Researcher Tasks 1)

## Creating IIF Images via OUKA

1. Contact the OUKA office in advance and explain the images you plan to upload.
2. Prepare the image files and related bibliographic data.
  1. Prepare JPEG image files and **organize them into folders**
    - Images belonging to the same volume can be grouped into a single URL link.
    - Number the image files in the order you want them displayed.
    - The link created by OUKA will be managed permanently.
  2. Fill in the metadata entry form provided by the OUKA office to **create bibliographic data** for the IIF images.
3. Send the image files (JPEG) grouped into folders along with the bibliographic data, to OUKA.

**START**



Consult with OUKA about whether your materials qualify as research output.

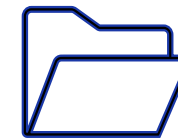
**OUKA office**

Electronic Content Section,  
University Library

**GOAL**



Send to OUKA



Group images  
in folders

+



Fill in the  
bibliographic  
information in  
the data file  
provided by  
OUKA

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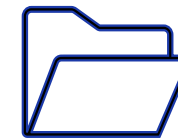
**OUKA office**

Electronic Content Section,  
University Library

**GOAL**



Send to OUKA



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+



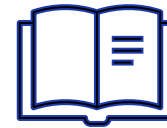
Fill in the  
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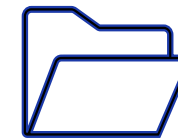
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Send to OUKA



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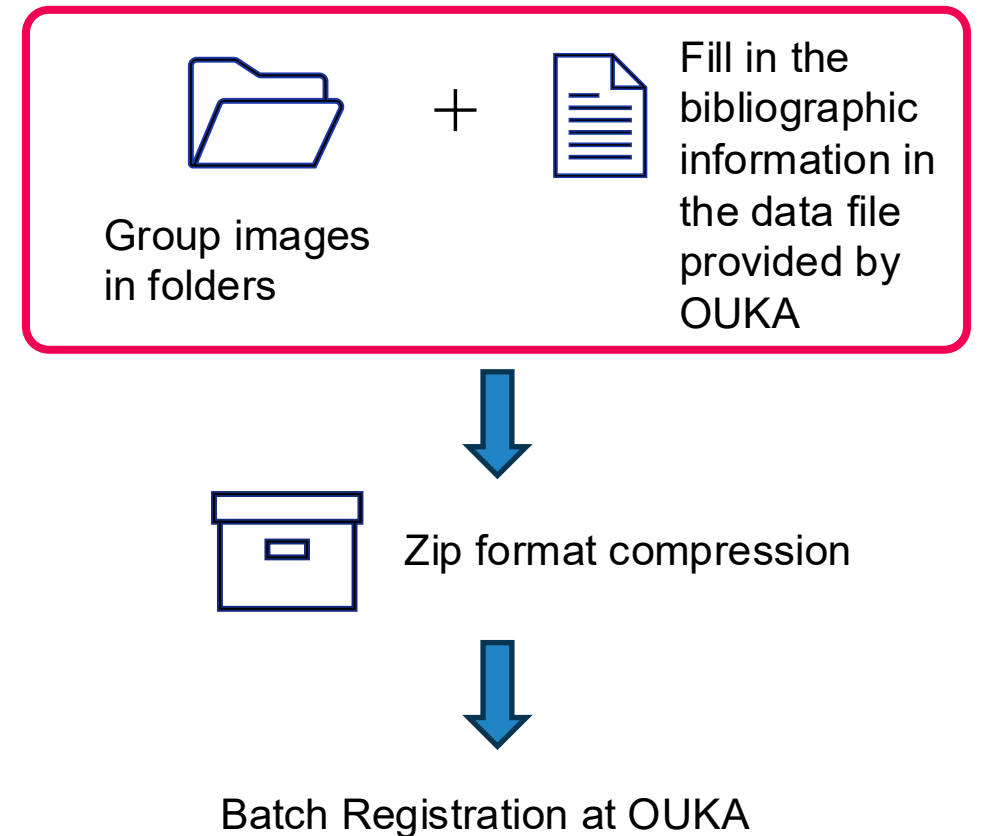
+



Fill in the  
bibliographic  
information in  
the data file  
provided by  
OUKA

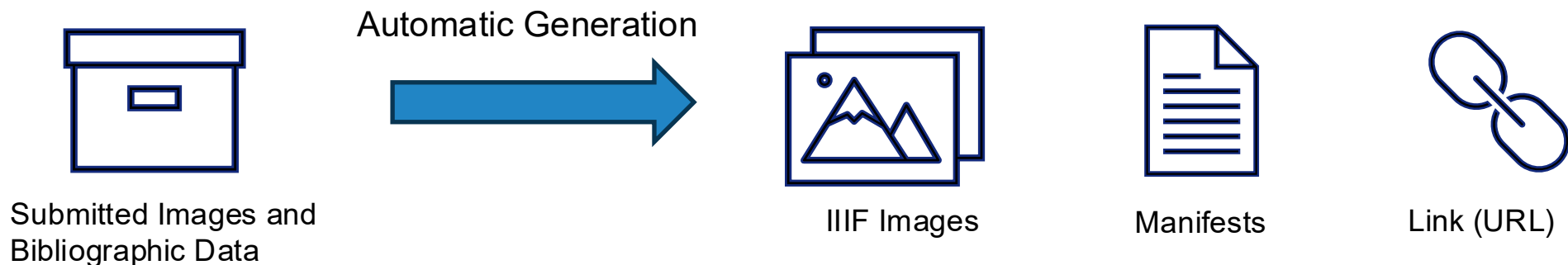
# (Library Tasks) Steps for Image Publication

1. The folders containing image files and the spreadsheet of the bibliographic data are placed all into a single folder, and compress them into a ZIP file.
2. When uploading the compressed file using OUKA's "Batch Registration", the system applies the schema values you set up in advance. The OUKA office will prompt you to fill in the "Schema field and values" (e.g., "rare" for rare materials).



# OUKA System Automatic IIF Image Generation

1. The OUKA system automatically generates IIF images, manifests, and access links from the submitted bibliographic data and image files.
2. You will receive a notification from the OUKA office with the URL where the images have been published.



# (Researchers Tasks 2)

## Creating IIF Images via OUKA

1. You can check the content of the image via the provided link in a browser.
2. The image link can be used as a reference in reports for external funding or in various presentations.
3. Publishing IIF images with OUKA's support offers the most efficient option for researchers.