

# “Polar Data Journal”

## A new data publishing platform for polar science

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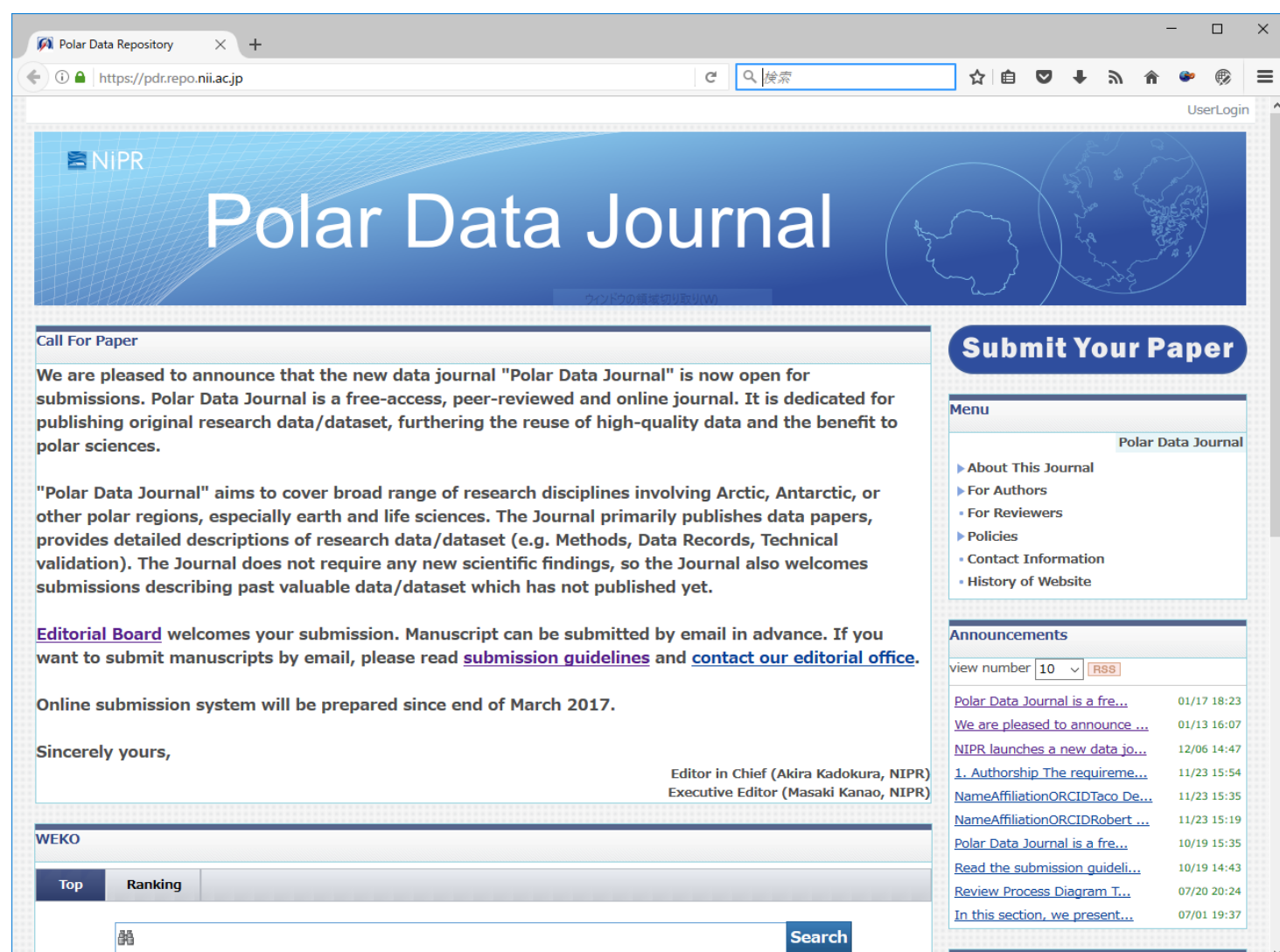
### Polar Data Journal : Aims and Scope

- Free-access, peer-reviewed and online journal.
- Dedicated for publishing original research data/dataset, furthering the reuse of high-quality data and the benefit to polar sciences.
- Aims to cover broad range of research disciplines involving Arctic, Antarctic, or other polar regions, especially earth and life sciences.
- Primarily publishes data papers, that provides detailed descriptions of research data/dataset (e.g. Methods, Data Records, Technical validation).
- Does not require any new scientific findings.
- Welcomes submissions describing past valuable data/dataset which has not been published yet.
- Requires to be passed our peer-review process.
- Before submitting manuscript, authors should deposit their data/dataset to trustworthy data repository.
- Data authenticity is guaranteed by publishing report of all review process, which will be published with author's manuscript at the same time.

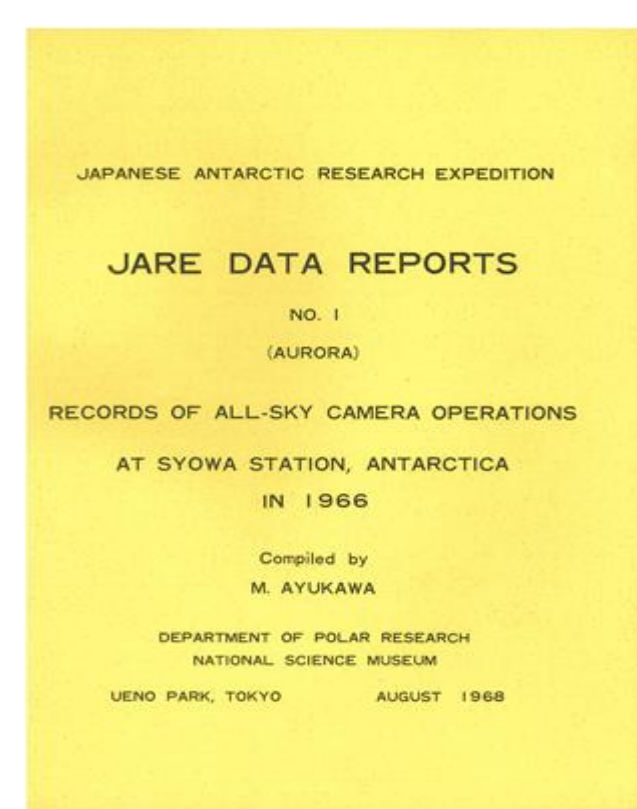
### History of Data Publication in NIPR

1957 Jan	<b>Syowa Station</b> established
1957 Dec	<b>Antarctic Record</b> launched
1968 Aug	<b>JARE Data Reports</b> launched
1991 Jan	<b>Ny-Ålesund Research Station</b> established
1996 Dec	<b>NIPR Arctic Data Reports</b> launched
2007 Aug	<b>NIPR Science Database</b> launched
2012 Aug	<b>Arctic Data archive System</b> launched
2014 Oct	Joined in The Experimental Project of DOI Registration for Research Data
2014 Oct	<b>National Institute of Polar Research Repository</b> launched
2015 Jul	Data Reports Future Concept WG kickoffed
2017 Jan	<b>Polar Data Journal</b> launched

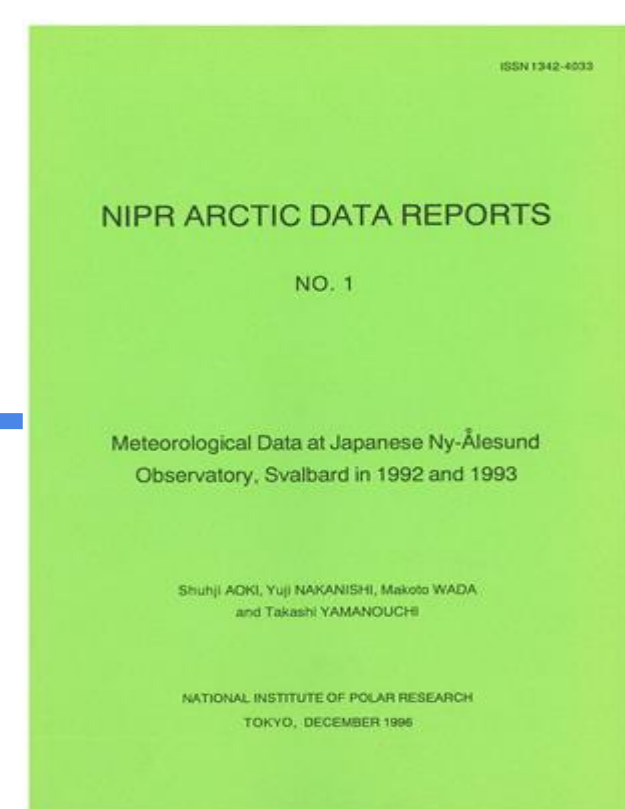
<https://pdr.repo.nii.ac.jp/>



JARE Data Reports



Arctic Data Reports



Metadata

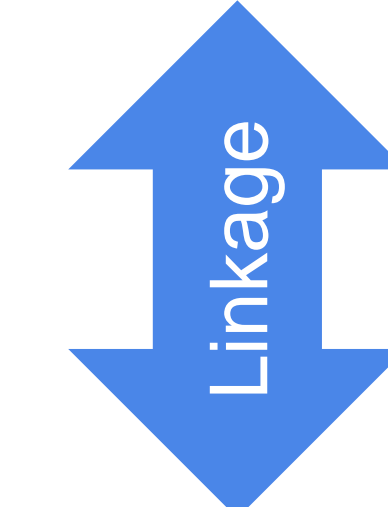
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<quiz>
  <qanda seq="1">
    <question>
      Who was the forty-second
      president of the U.S.A.?
    </question>
    <answer>
      William Jefferson Clinton
    </answer>
  </qanda>
  <!-- Note: We need to add
  more questions later.-->
</quiz>
```

Paper



Free Access  
for All people

Internet



Linkage



Data Repository

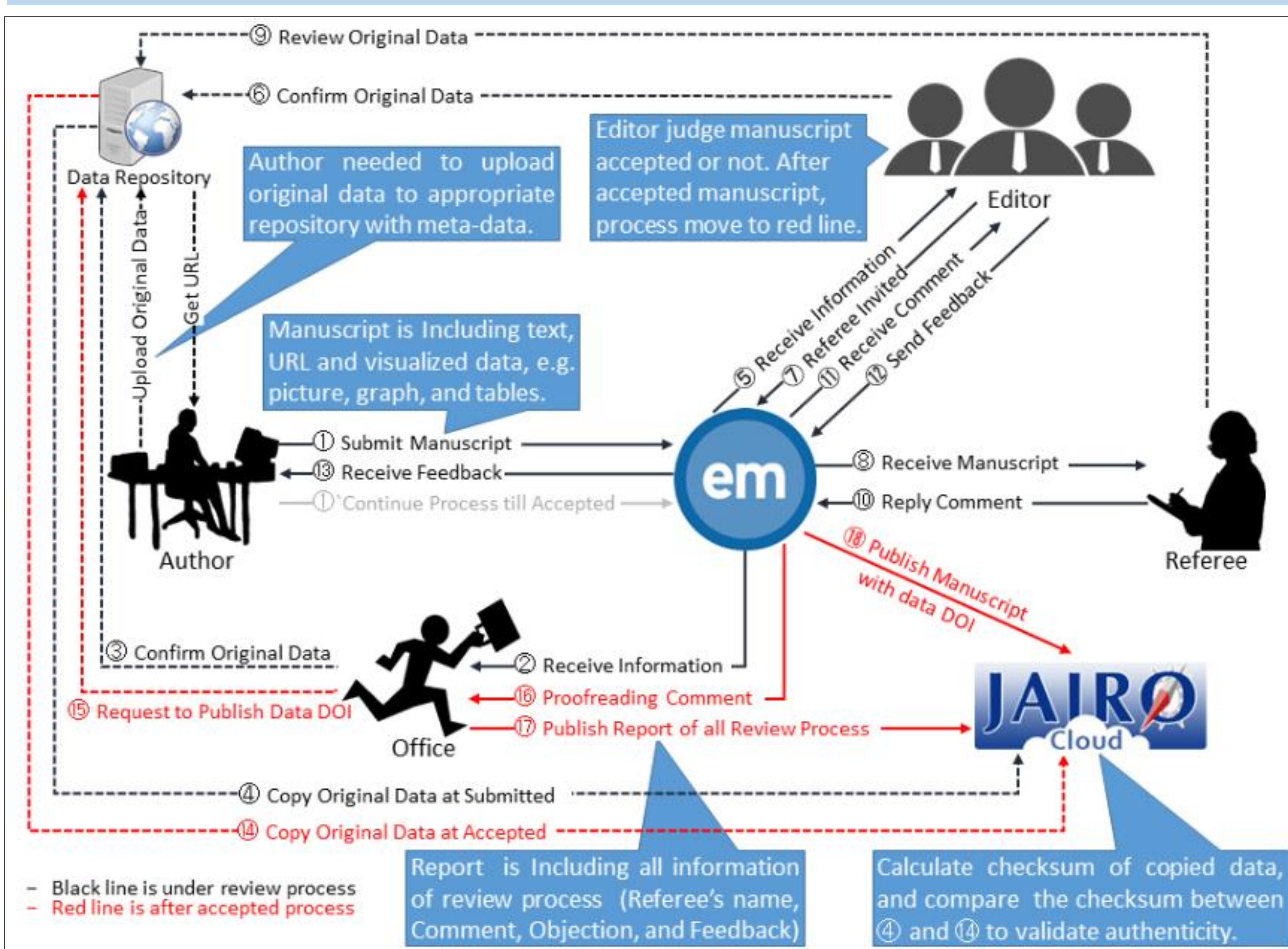
**ADS**  
Arctic Data archive System

or  
*Trusted Data  
Reporistories*

<https://ads.nipr.ac.jp>

Publish

### Polar Data Journal : Review Process



### Appropriate Repositories

To promote the creation of reusable, high-quality data/dataset, the following criteria are required for the data repository:

- ① A persistent identifier:  
The data/dataset must have a persistent identifier (such as a digital object identifier, DOI).
- ② Free access:  
The data/dataset must be available free of charge and without any barriers except for a standard registration to get a login free of charge.
- ③ Liberal copyright:  
Anyone must be free to copy, distribute, transmit, and adapt the datasets as long as they give credit to the original authors.

### Structure of Data paper

- Title, Authors, Affiliation
- Abstract
- Background and Summary
- Location (or Observation), Method
- Data records, Technical validation, Usage notes
- Acknowledgements, Author contributions
- Competing interests
- Figures, Tables
- References
- Data citations

Editorial Board member: 12 (NIPR:7, other:5 (Japan:3, other:2))

Advisory Board member:10 (Japan:2, other:8)