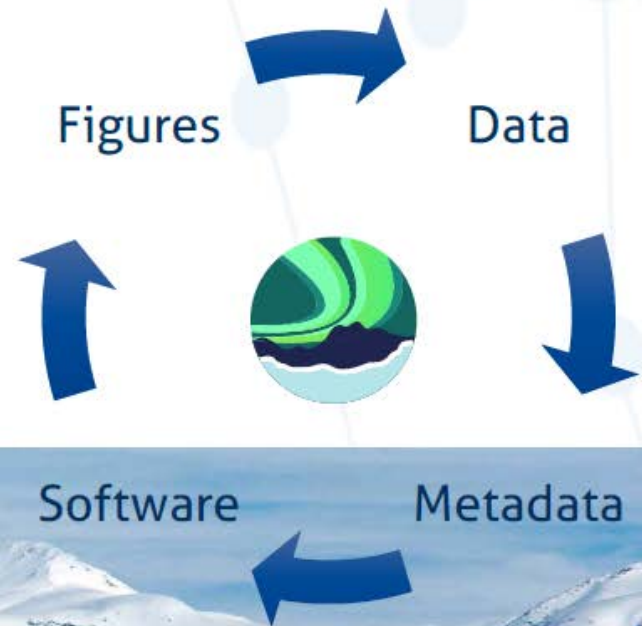# NSF **Arctic Data Center**

https://arcticdata.io

Overview

- Established in February 2016:
  Primary repository for NSF-funded Arctic research data
- Data storage, curation and data discovery:
  Replication to NCEI planned
- Agile, user-driven improvement
- Support the whole science lifecycle
- Training for a diverse community

Figures

Data

Software

Metadata

ARCTIC Data Center

NSF Policies

Why me?

- ARC-supported scientific research data should be deposited in long-lived publicly-available archives (by default, the Arctic Data Center)

- Complete metadata must be submitted within 2yrs of collection or before the end of he award

- All data and derived data products must be submitted within 2yrs of collection or before the end of he award

- Additional considerations for Arctic Observing Network projects and sensitive social science data

https://arcticdata.io/submit/#who-must-submit

NSF
Arctic Data Center

Make sure DBO is a key word in your data files

DATA DISCOVERY PORTAL

https://arcticdata.io

Metadata

Data (or information) about data:

- Why you are collecting data
- Who was involved
- Where and when
- Exact details of methods
- Definitions for codes, including missing value codes
- Names, definitions, and unit of measurement for each column in a data table

Metadata Record

Data   Support   About   **Submit Data**   ⓘD Sign in with Orcid

Arny L. Blanchard and Howard Feder. 2016. Macrobenthic data from the Chukchi Sea [Blanchard]. NSF Arctic Data Center. doi:10.5065/D6X63K0J.

⌸ Copy Citation   ⚙ Quality report

Files in this dataset Package: resource_map_doi:10.5065/D6X63K0J

📁	Name	File type	Size	Downloads	Download all ☁
📄	Metadata: science_metadata.xml	EML v2.1.1	7 KB	7 views	Download ☁
⊞	Feder_Chukchi_Sea_readme.pdf	PDF	34 KB	4 downloads	Download ☁
⊞	Feder_et_al-1991_NE_Chukchi_Sea.pdf	PDF	5 MB	4 downloads	Download ☁
⊞	Feder_Chukchi_Sea_data.csv	text/csv	1 MB	4 downloads	Download ☁
⊞	Feder_Chukchi_Sea_data.xlsx	Microsoft Excel OpenXML	1002 KB	4 downloads	Download ☁

▲ Show less

https://arcticdata.io

ARCTIC
Data
Center

Upload your data

Use this form to submit a new data package to the repository.

ℹ Show Help Guide

* Denotes a required field.

Basic Information ℹ

*Data Set Title	[ ]
*Award Number	[ ] **+ Add**

Enter an award number or search for an NSF award by keyword.

People and Organizations ℹ

Role	Creator (Author/Owner/Originat ⇕
First Name	[ ]
Last Name	[ ]
Organization Name	[ ] ℹ

People And Organizations

Each person or organization listed as a Creator will be listed in the data citation. At least one person, organization, or position with a 'Creator' role is required.

Enter a person's first and last name (and optionally their organization) or just an organization name (and

Submit

Register for an ORCID iD

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"ORCID provides a persistent digital identifier that distinguishes you from every other researcher and... supports automated linkages between you and your professional activities ensuring that your work is recognized."

Get in Touch

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