

Metadata

Title	Climate Forcing of Arctic Sea Ice: Drivers and Impacts
Research Program Name	
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Website	https://umanitoba.ca/earth-observation-science/julienne-stroeve-project-page
Theme	
Status	In Progress
Project Area	Arctic
Spatial regions	northern-hemisphere
Spatial extent West Bound Longitude	
Spatial extent East Bound Longitude	
Spatial extent South Bound Latitude	
Spatial extent North Bound Latitude	
Project DOI	10.34992/k655-0534

Metadata

Creation Date

2023

Publisher

CanWIN

Principal Investigators

Principal Investigators 1

Principal Investigator Name

Stroeve, Julienne

Type of Name

Personal

Principal Investigator Email

julienne.stroeve@umanitoba.ca

Principal Investigator Affiliation

Centre for Earth Observation Science - University of Manitoba

Principal Investigator ORCID ID

0000-0001-7316-8320

ORCID

<http://orcid.org/>

Co-Investigators

Co-Investigators 1

Co-Investigator Name

Crawford, Alex

Co-Investigator Role

Researcher

Co-Investigator Email

alex.crawford@umanitoba.ca

Co-Investigator Affiliation

Centre for Earth Observation Science - University of Manitoba

Co-Investigator ORCID ID

0000-0003-1561-290X

ORCID

<http://orcid.org/>

Co- Investigators 2

**Co-
Investigator
Name** Nandan, Vishnu

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email** vishnu.nandan@umanitoba.ca

**Co-
Investigator
Affiliation** Centre for Earth Observation Science - University of Manitoba

**Co-
Investigator
ORCID ID** 0000-0002-5133-2676

ORCID

<http://orcid.org/>

Co- Investigators 3

**Co-
Investigator
Name** Rosenblum, Erica

**Co-
Investigator
Role** Researcher

**Co-
Investigator
Email** erica.rosenblum@umanitoba.ca

**Co-
Investigator
Affiliation** Centre for Earth Observation Science - University of Manitoba

**Co-
Investigator
ORCID ID** 0000-0002-9330-2010

ORCID

<http://orcid.org/>

Co- Investigators 4

**Co-
Investigator
Name** Mallett, Robbie

Co- Investigator Role Researcher

Co- Investigator Email robbie.mallett@umanitoba.ca

Co- Investigator Affiliation Centre for Earth Observation Science - University of Manitoba

Co- Investigator ORCID ID 0000-0002-1069-6529

ORCID
<http://orcid.org/>

Co- Investigators 5

Co- Investigator Name Soriot, Clément

Co- Investigator Role Researcher

Co- Investigator Email clement.soriot@umanitoba.ca

Co- Investigator Affiliation Centre for Earth Observation Science - University of Manitoba

Co- Investigator ORCID ID 0000-0003-1856-2821

ORCID
<http://orcid.org/>

Project Data Curator Crawford, Alex

Project Data Curator email alex.crawford@umanitoba.ca

Project Data Curator Affiliation Centre for Earth Observation Science - University of Manitoba

Project Start Date 2018-07-01

Project End Date	2025-06-30
License Name	Creative Commons Attribution 4.0 International
Licence Schema Name	SPDX
Licence URL	https://spdx.org/licenses
Terms of Access	CanWIN datasets are licensed individually, however most are licensed under the Creative Commons Attribution 4.0 International (CC BY 4.0) Public License. Details for the licence applied can be found using the Licence URL link provided with each dataset. By using data and information provided on this site you accept the terms and conditions of the License. Unless otherwise specified, the license grants the rights to the public to use and share the data and results derived therefrom as long as the proper acknowledgment is given to the data licensor (citation), that any alteration to the data is clearly indicated, and that a link to the original data and the license is made available.
Terms of Use	By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).
Awards	
Awards 1	
Award Title	Canada-150 Research Chair Program in Climate Sea Ice Coupling
Award URL	
Funder Name	Canada-150 Research Chair Program
Funder Identifier	
Funder Identifier Type	
Funder identifier URL	
Grant Number	
Related Facilities	□

Data and Resources

URL	https://jvlu76.wixsite.com/a2mcr2h
Name	University of Manitoba My Climate Risk Regional Hub
Description	The World Climate Research Programme (WCRP) University of Manitoba My Climate Risk Regional Hub (U2MCR2H) is an initiative focused on connecting climate science with communities at local scales in a risk-related context.
Format	HTML
Resource Category	web_services

Sub-projects

Title	Arctic Sea Ice Phenology
URL	https://canwin-datahub.ad.umanitoba.ca/data/project/arctic-sea-ice-phenology

Related Datasets

Title	Arctic Sea Ice Phenology in CMIP6
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/sea-ice-cmip6
Title	Bias-corrected CMIP6 Daily Sea Ice Concentration in the Barents and Kara Seas
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/bias-corrected-cmip6-daily-sea-ice-concentration-barents-kara
Title	Arctic Sea Ice Phenology from Passive Microwave Satellite Retrievals
URL	https://canwin-datahub.ad.umanitoba.ca/data/dataset/arctic-sea-ice-phenology-from-passive-microwave-satellite-retrievals

Related Publications

Title	Arctic open-water periods are projected to lengthen dramatically by 2100
URL	https://canwin-datahub.ad.umanitoba.ca/data/publication/arctic-open-water-periods-are-projected-to-lengthen-dramatically-by-2100