

# Metadata

<b>Title</b>	Climate Forcing of Arctic Sea Ice: Drivers and Impacts
<b>Research Program Name</b>	
<b>Keyword Vocabulary</b>	Polar Data Catalogue
<b>Keyword Vocabulary URL</b>	<a href="https://www.polardata.ca/pdcinput/public/keywordlibrary">https://www.polardata.ca/pdcinput/public/keywordlibrary</a>
<b>Website</b>	<a href="https://umanitoba.ca/earth-observation-science/julienne-stroeve-project-page">https://umanitoba.ca/earth-observation-science/julienne-stroeve-project-page</a>
<b>Theme</b>	
<b>Status</b>	In Progress
<b>Project Area</b>	Arctic
<b>Spatial regions</b>	northern-hemisphere
<b>Spatial extent West Bound Longitude</b>	
<b>Spatial extent East Bound Longitude</b>	
<b>Spatial extent South Bound Latitude</b>	
<b>Spatial extent North Bound Latitude</b>	
<b>Project DOI</b>	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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto:alex.crawford@umanitoba.ca)

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

**Project Start Date** 2018-07-01

<b>Project End Date</b>	2025-06-30
<b>License Name</b>	Creative Commons Attribution 4.0 International
<b>Licence Schema Name</b>	SPDX
<b>Licence URL</b>	<a href="https://spdx.org/licenses">https://spdx.org/licenses</a>
<b>Terms of Access</b>	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.
<b>Terms of Use</b>	By accessing this data you agree to [CanWIN's Terms of Use](/data/publication/canwin-data-statement/resource/5b942a87-ef4e-466e-8319-f588844e89c0).
<b>Awards</b>	
<b>Awards 1</b>	
<b>Award Title</b>	Canada-150 Research Chair Program in Climate Sea Ice Coupling
<b>Award URL</b>	
<b>Funder Name</b>	Canada-150 Research Chair Program
<b>Funder Identifier</b>	
<b>Funder Identifier Type</b>	
<b>Funder identifier URL</b>	
<b>Grant Number</b>	
<b>Related Facilities</b>	□

# Data and Resources

<b>URL</b>	<a href="https://jvlu76.wixsite.com/a2mcr2h">https://jvlu76.wixsite.com/a2mcr2h</a>
<b>Name</b>	University of Manitoba My Climate Risk Regional Hub
<b>Description</b>	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.
<b>Format</b>	HTML
<b>Resource Category</b>	web_services

## Sub-projects

<b>Title</b>	Arctic Sea Ice Phenology
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/project/arctic-sea-ice-phenology">https://canwin-datahub.ad.umanitoba.ca/data/fr/project/arctic-sea-ice-phenology</a>

## Related Datasets

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

## Related Publications

<b>Title</b>	Arctic open-water periods are projected to lengthen dramatically by 2100
<b>URL</b>	<a href="https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/arctic-open-water-periods-are-projected-to-lengthen-dramatically-by-2100">https://canwin-datahub.ad.umanitoba.ca/data/fr/publication/arctic-open-water-periods-are-projected-to-lengthen-dramatically-by-2100</a>