Metadata

Dataset Name	Arctic Sea Ice Phenology in CMIP6
Dataset General Type	Sea ice model data
Dataset Type	Dataset
Dataset Level	2
Program Website	
Keyword Vocabulary	Polar Data Catalogue
Keyword Vocabulary URL	https://www.polardata.ca/pdcinput/public/keywordlibrary
Theme	
Title	Cryosphere
URL	https://canwin-datahub.ad.umanitoba.ca/data/fr/group/cryosphere
Dataset Status	Complete
Maintenance and Update Frequency	As needed
Dataset Last Revision Date	2023-01-24
Dataset DOI	10.34992/cgzt-5n02
Metadata Creation Date	2023
Publisher	CanWIN
Dataset Authors	

Dataset Authors 1

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Contributors

Contributors 1

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Dataset Collection Start Date

1850-01-01

Dataset Collection End Date

2100-01-01

Sample Collection

Sample Collection 1

Sampling Instrument Name

Standardized Sampling Instrument Name

Sample Collection Method Name

Comment

Method Link

Method Summary

Method Description Type Methods

Activity Collection Type

Preferred citation

Analytical Instrument

Analytical Instrument 1

Analytical Instrument Name

Standardized Analytical Instrument Name

Analytical Instrument Identifier Id

Analytical Instrument Title Type Alternative Title

Analytical Instrument Identifier Type

Analytical Method

Analytical Method 1

Analytical Method Name

Method Link

Method Summary

Laboratory

Comments

Variables Measured

License Name

Creative Commons Attribution 4.0 International

Licence Type

Open

Embargo Date

Licence URL

https://spdx.org/licenses

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Awards

Awards 1

Award Title Canada-150 Research Chair Program: Climate-Sea Ice Coupling

Website

Funder Name Canada 150 Research Chairs, Government of Canada

Funder Identifier Code

Funder Identifier Type

Funder Identifier Scheme

Grant Number

Related Resources

Related Resources 1

Related Resource Name	Sea Ice Phenology Code
Resource Code	10.5281/zenodo.4730450
Identifier Type	DOI
Relationship To This Dataset	Compiles
Resource Type	Online Resource
Type	Software
Series Name	

Related Resources 2

Related Resource Name	Coupled Model Intercomparison Project Phase 6 (CMIP6)
Resource Code	10.5194/gmd-9-1937-2016
Identifier Type	DOI
Relationship To This Dataset	IsRequiredBy
Resource Type	Online Resource
Type	Dataset
Series Name	

Publications

Publications 1

Publication Name	Arctic open-water periods are projected to lengthen dramatically by 2100
Identifier Code	10.1038/s43247-021-00183-x
Identifier Type	DOI
Relationship to this dataset	IsSupplementedBy
Resource Type	Online Resource
Publication Type	JournalArticle

Spatial regions

Spatial extent West Bound Longitude
Spatial extent East Bound Longitude
Spatial extent South Bound Latitude
Spatial extent North Bound Latitude

Data and Resources

URL	https://canwinerddap.ad.umanitoba.ca/erddap/files/Alex_Crawford_sea_ice_model_a97c_4efd_e7b6/
Name	Arctic Sea Ice Phenology in CMIP6
Description	Daily sea ice concentration from CMIP6 models that were run under four experiments: historical, ssp126, ssp245, and ssp585. Click on any file to download.
Format	
Resource Category	data

Related Publications

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