

Appendix C. 4. Contributed Web Sites (URLs) Arctic Fish Stocks

The web sites below were contributed by meeting participants from the designated countries. Note that the web sites are in some cases international efforts, covering the metadata, data or information products of multiple states. The Editor's Choice Sites have ready access to metadata, data or information products and are particularly relevant to understanding Arctic fish stocks and their environments. National contributions in alphabetical order follow the Editor's Choice section.

Editor's Choice Sites

Arctic Research Mapping Application

<http://armap.utep.edu/armap2d/#>

Arctic Biodiversity Assessment Chapter 6. Fishes

<http://www.arcticbiodiversity.is/the-report/chapters/fishes>

Arctic Ocean Diversity (ArcOD)

<http://www.arcodiv.org/Fish.html>

National Snow and Ice Data Center

http://nsidc.org/data/seaice_index/

Hydrocarbon Impacts (HI) Database : Fishes

<http://www.aina.ucalgary.ca/scripts/mwimain.dll/1858/SU/Fishes?KEYSEARCH&DATABASE=HI>

Russian American Long Term Census of the Arctic Fish Data

Pacific Marine Arctic Regional Synthesis Data Archive

<http://pacmars.eol.ucar.edu/> Data Portal

<http://pacmars.cbl.umces.edu/> Survey of Pacific Arctic Research

Continued on next page

Canada

Polar Data Catalogue

<https://www.polardata.ca/>

All data types (i.e., "Natural sciences and policy, to health and social sciences" including biological, habitat, ice etc.). Editor's note: Access is not direct. Requires user to register ten mandatory fields of contact information in order to obtain a pass word. User name and pass word is required to re-enter site.

The Ocean Archive System

<http://www.nodc.noaa.gov/cgi-bin/OAS/prd/text/query>

- Biological and habitat parameters, some data on the Central Arctic Ocean.
- Editor's note: Access is direct. Finding relevant data is not straightforward. Search of key words, "boreogadus" and "arctogadus" produced zero results.

Arctic Ocean Diversity (ArcOD)

http://www.arcodiv.org/Database/Data_overview.html

- All data types (i.e., biological, habitat, ice etc.). The ArcOD actively consolidates existing datasets, rescuing datasets from scientific investigator's notebooks, and extracting data from scientific publications. Data is made available through the Ocean Biogeographic Information System (OBIS) and the Global Biodiversity Information System (GBIF) web portals.
- Editor's note: Direct access to information on fish in the Arctic.
<http://www.arcodiv.org/Fish.html>

National Snow and Ice Data Center

<http://nsidc.org/data>

- Sea ice data (ice thickness, some bathymetry).
- Editor's note: Direct access to data. Access to extent of ice free waters at tome and place;
http://nsidc.org/data/seaice_index/

International Ocean Atlas, Volume 2: Biological Data of the Arctic seas 2000: Plankton of the Barents and Kara Seas

<http://www.nodc.noaa.gov/OC5/BARPLANK/start.html>

- Physical and biological data for the region extending from the Barents Sea to the Kara Sea during 158 scientific cruises for the period 1913-1999.
- Editor's note: Direct access, difficult to navigate.

World ocean database

https://www.nodc.noaa.gov/OC5/WOD/pr_wod.html

- Zooplankton and water quality datasets, very technical.
- Editor's note: Direct access, difficult to navigate.

Pictures/Maps/Bibliographic:

Scott Polar Research Institute, University of Cambridge

SPRI Picture Library Database <http://www.spri.cam.ac.uk/library/pictures/database/>

- Photographs, film and other illustrative material for Antarctica and all regions of the Arctic including northern Russia.

SPRI Literature Database <http://www.spri.cam.ac.uk/resources/sprilib/>

- Literature databases for literature pertaining to the Antarctic, ice and snow, and Russian North. All subjects, published in a wide range of languages.
- Editor's note: Access to bibliographic resources is not direct, requiring use name and password to be established. Requirement for knowledge of arcane information prior to access limits utility of this site.

American Polar Society - Arctic Portal Mapping System

<http://www.americanpolar.org/polar-compendium/polar-data-map/>

- Interactive map that provides geographical information about Arctic related data, such as distribution of vegetation data, permafrost, spread of indigenous languages and information about Arctic affiliations and organizations.
- Editor's note: direct access, not much relevant information on fish stocks.

Hydrocarbon Impacts (HI) Database

<http://www.aina.ucalgary.ca/hi/>

- 6,900 publications and research projects about the environmental impacts, socio-economic effects, and regulation of hydrocarbon exploration, development, and transportation in northern Canada.

China

The Chinese National Arctic and Antarctic Data Center

<http://www.chinare.org.cn/en/index/>

<http://birds.chinare.org.cn/index/>

<http://www.chinare.org.cn/index/>

Denmark/Greenland

Greenland Institute of Natural Resources

<http://www.natur.gl/en/>

National Arctic Research Policies

<http://www.arcticinfo.eu/en/kingdom-of-denmark>

Iceland

Icelandic Ministry of Fisheries and Agriculture

<http://www.fisheries.is/ecosystem/>

Japan

GRENE Arctic Climate Change Research Project

<http://www.nipr.ac.jp/grene/e/subject-id06.html>

Japan Consortium for Arctic Research

<http://www.jcar.org/english/>

Japan National Institute of Polar Research

<http://www.nipr.ac.jp/english/>

Korea

Entry point to Korean polar research.

<http://www.kopri.re.kr/exclude/userIndex/engIndex.do>

Norway

www.imr.no

<http://www.imr.no/>

<http://barentsportal.com>

<http://barentsportal.com/>

www.barentswatch.no

<http://www.barentswatch.no/>

www.jointfish.no

<http://www.jointfish.no/>

www.miljostatus.no

<http://www.miljostatus.no/>

<http://www.ices.dk/>

Planning for a multidisciplinary observatory study in the Arctic using drifting stations and Polarstern. You will find more information at: <http://www.mosaicobservatory.org/>

Russia

Joint Russian-Norwegian Fisheries Commission

<http://www.jointfish.com/eng>

Knipovich Polar Research Institute of Marine Fisheries and Oceanography (PINRO)

<http://www.pinro.ru/15/index.php/en>

Shirsov Institute of Oceanology

<http://www.ocean.ru/eng/>

United States

Arctic Research Mapping Application

<http://armap.utep.edu/armap2d/#>

Arctic Data Integration Portal

http://portal.aos.org/?v=rand&portal_id=3

US Interagency Arctic Policy Committee

<https://www.nsf.gov/geo/plr/arctic/iarpc/start.jsp>

NCEI Arctic Regional Climatology:

http://www.nodc.noaa.gov/OC5/regional_climate/arctic/

NCEI Greenland-Iceland-Norwegian Seas (GINS) Regional Climatology:

http://www.nodc.noaa.gov/OC5/regional_climate/gin-seas-climate/

International Climatological Atlas of the Nordic Seas: (**USA, Norway and Russia**)

<http://www.nodc.noaa.gov/OC5/nordic-seas/>

North Slope Science Initiative's Science Catalog.

<http://catalog.northslope.org/>

US Data government Data Aggregation Site

<https://www.data.gov/ocean/> Editor's note: Search for "boreogadus" returned three results (below).

Search for "arctogadus" gave zero results. <https://catalog.data.gov/dataset?q=boreogadus>

Citations for publications

<http://energy.usgs.gov/RegionalStudies/Arctic/ArcticPublications.aspx>

https://www.data.boem.gov/homepg/data_center/other/espis/espismaster.asp?appid=1

<http://www.arctic.noaa.gov/dbo/>

<http://www.nodc.noaa.gov/>

<http://www.iobis.org/>

<http://www.nsf.gov/pubs/2008/nsf0842/index.jsp>