

Metadata from data collected in Georges Bank and the Gulf of Maine submitted to the Global Change Master Directory (GMDC) from the U.S. GLOBEC Georges Bank project

Website: <https://www.bco-dmo.org/dataset/2335>

Version: final

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Project

» [U.S. GLOBEC Georges Bank](#) (GB)

Program

» [U.S. GLOBal ocean ECosystems dynamics](#) (U.S. GLOBEC)

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Abstract

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Dataset Description

Directory Interchange Format (DIF) records

Metadata has been submitted to the [Global Change Master Directory](#) as part of the grantee obligation.

In general, any metadata record can be accessed directly through the URL:

[http://gcmd.nasa.gov/getdif.htm?\[entry_id\]](http://gcmd.nasa.gov/getdif.htm?[entry_id])

where [entry_id] = the Entry_ID of the metadata record, e.g. wind_stress_GB

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Data Files

File
dif_records.csv (Comma Separated Values (.csv), 4.26 KB) MD5:380eafabe03d23709d6af0e2d88f5d3a Primary data file for dataset ID 2335

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Parameters

Parameter	Description	Units
object_name	This is an internal link to the object's GCMD submission status.	text
status	This is the status of the object's GCMD submission.	text
year	year	numeric
month	month of year	numeric
day	day of month	numeric
description	This is the link to the GCMD DIF record.	text

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Project Information

U.S. GLOBEC Georges Bank (GB)

Website: http://globec.whoi.edu/globec_program.html

Coverage: Georges Bank, Gulf of Maine, Northwest Atlantic Ocean

The U.S. GLOBEC [Georges Bank](#) Program is a large multi- disciplinary multi-year oceanographic effort. The proximate goal is to understand the population dynamics of key species on the Bank - Cod, [Haddock](#), and two species of zooplankton ([Calanus finmarchicus](#) and [Pseudocalanus](#)) - in terms of their coupling to the physical environment and in terms of their [predators and prey](#). The ultimate goal is to be able to predict changes in the distribution and abundance of these species as a result of changes in their physical and biotic environment as well as to anticipate how their populations might respond to climate change.

The effort is substantial, requiring broad-scale surveys of the entire Bank, and process studies which focus both on the links between the target species and their physical environment, and the determination of fundamental aspects of these species' life history (birth rates, growth rates, death rates, etc).

Equally important are the modelling efforts that are ongoing which seek to provide realistic predictions of the flow field and which utilize the life history information to produce an integrated view of the dynamics of the populations.

The U.S. GLOBEC Georges Bank [Executive Committee \(EXCO\)](#) provides program leadership and effective communication with the funding agencies.

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Program Information

U.S. GLOBal ocean ECosystems dynamics (U.S. GLOBEC)

Website: <http://www.usglobec.org/>

Coverage: Global

U.S. GLOBEC (GLOBal ocean ECosystems dynamics) is a research program organized by oceanographers and fisheries scientists to address the question of how global climate change may affect the abundance and production of animals in the sea.

The U.S. GLOBEC Program currently had major research efforts underway in the Georges Bank / Northwest Atlantic Region, and the Northeast Pacific (with components in the California Current and in the Coastal Gulf of Alaska). U.S. GLOBEC was a major contributor to International GLOBEC efforts in the Southern Ocean and Western Antarctic Peninsula (WAP).

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Funding

Funding Source	Award
National Science Foundation (NSF)	unknown GB NSF
National Oceanic and Atmospheric Administration (NOAA)	unknown GB NOAA

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