

Inventory of U.S. GLOBEC Georges Bank project datasets in the Georges Bank and Gulf of Maine area from 1994 - 1999 (GB project)

Website: <https://www.bco-dmo.org/dataset/2325>

Version: 1995-09-06

Version Date: 2005-06-09

Project

» [U.S. GLOBEC Georges Bank](#) (GB)

Program

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

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Dataset Description

Inventory of U.S. GLOBEC Georges Bank Data

This inventory uses the JGOFS data management system and the same hierarchical data structure used in many other data sets to store data about the data (metadata).

For further information contact the [Data Management Office](#)

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Parameters

Parameter	Description	Units
project	Name of project or cruiseid	n/a
platform	Platform name, e.g. ship name	n/a
year_p_start	Year the project started	localtime
month_p_start	Month the project started	localtime
day_p_start	Day the project started	localtime
year_p_end	Year the project ended	localtime
month_p_end	Month the project ended	localtime
day_p_end	Day the project ended	localtime
name_prin	Principal investigator's name This is the person responsible for this project.	n/a
brief_desc	Brief description of the project For cruises, indicates whether broadscale, process, mooring, etc.	n/a
data_type	Type of data collected This field is restricted to data types and instruments as defined in the thesaurus	n/a
siname	Name of scientific investigator responsible for this data_type	n/a
status	Status of the data, e.g. collected, on-line, etc. Keywords used in this field are strictly monitored.	n/a
year	Year that the status entry information was added to the inventory	localtime
month	Month that the status entry information was added to the inventory	localtime
day	Day that the status entry information was added to the inventory	localtime
description	Descriptive text tied to this status entry. For status=on-line, this field will include the link to the data or information.	n/a

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Project Information

U.S. GLOBEC Georges Bank (GB)

Website: http://globec.who.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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