

Georges Bank bathymetry data triplets from R/V Endeavor and R/V Albatross IV cruises EN276 and AL9612 in the Gulf of Maine and Georges Bank area during 1996 (GB project)

Website: <https://www.bco-dmo.org/dataset/2293>

Data Type: Cruise Results

Version: 1

Version Date: 2004-12-08

Project

» [U.S. GLOBEC Georges Bank](#) (GB)

Program

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

Contributors	Affiliation	Role
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Abstract

Georges Bank bathymetry data triplets from R/V Endeavor and R/V Albatross IV cruises EN276 and AL9612 in the Gulf of Maine and Georges Bank area during 1996

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Coverage

Spatial Extent: N:47.105 E:-56.445 S:39.753 W:-71.865

Temporal Extent: 1996 - 1996

Dataset Description

Georges Bank Gridded Bathymetry

Contributor:

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Julio Candela
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Prepared data for on-line use

*Updated: December 08 2004;
GHeimerdinger*

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Data Files

File
bathymetry.csv (Comma Separated Values (.csv), 881.01 KB) MD5:61f97cb842c5b89b304d481a2a2535bc
Primary data file for dataset ID 2293

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Parameters

Parameter	Description	Units
brief_desc	brief description of data set	
lon	longitude, negative = West	decimal degrees
lat	latitude, negative = South	decimal degrees
depth_w	depth of water	meters

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Deployments

EN276

Website	https://www.bco-dmo.org/deployment/57413
Platform	R/V Endeavor
Report	http://globec.whoi.edu/globec-dir/reports/en276/EN276.pdf
Start Date	1996-01-10
End Date	1996-01-22
Description	broad-scale

AL9612

Website	https://www.bco-dmo.org/deployment/57377
Platform	R/V Albatross IV
Report	http://globec.whoi.edu/globec-dir/reports/al9612/al9612c.html
Start Date	1996-11-04
End Date	1996-11-08
Description	process

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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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