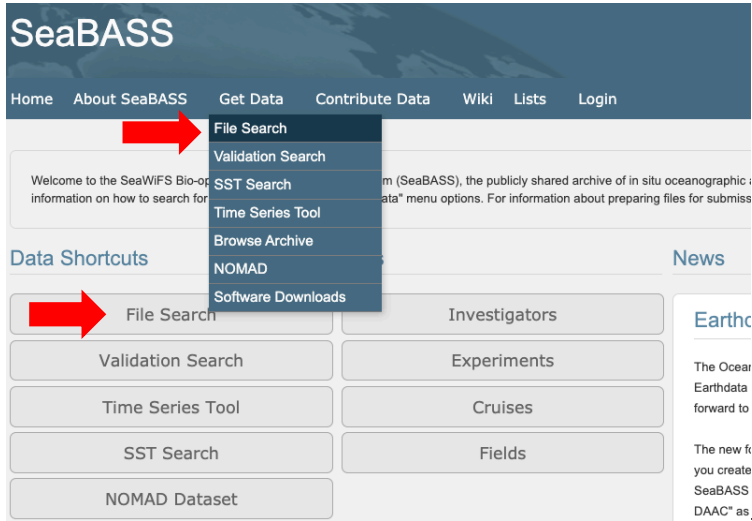
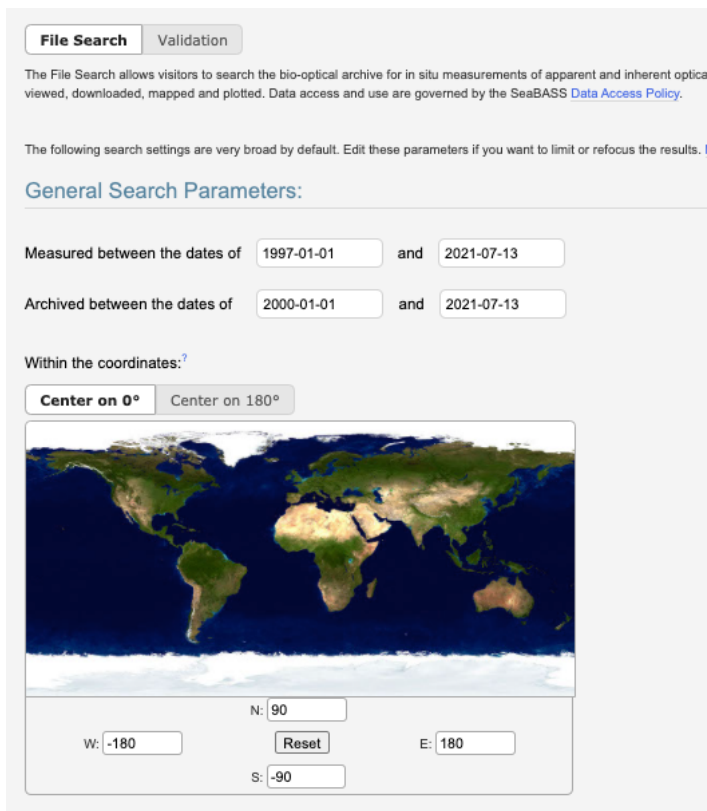


File and Data Search Guidelines

1. Visit our SeaBASS webpage: <https://seabass.gsfc.nasa.gov/>
2. Click **File Search** under our **Data Shortcuts** or under **Get Data**



3. On our File Search system, you can limit your search by time or region



4. Or you can limit by affiliation, Principal Investigator, experiment, or cruise name. You can also search based on the data parameters you need. Note that to facilitate the process we have added the more search data parameters to our options:

Keyword Search Filters:
Limit search results by affiliation, investigator, experiment, or cruise name. Use the plus button to add multiple queries

Search String
 +
 Any All

[Change search type](#)

File Search Parameters:

Water Depth:

 Minimum (in meters): Maximum:

Data Type:

Wavelength Options? All Multispectral Hyperspectral

Data Use Warnings? No Yes Exclusively
 Optically Shallow?
 Experimental?

Products?
 Find files containing any of the selected products
 Find files where all the specific products entered below were measured in the same [cruise](#)
 Don't filter based on products

Grouped Products:
 AOP PAR Kd a b bb
 c DC PC SPM AOT nutrients
 CTD fluorescence productivity Chl HPLC

Specific Products:
 +

Callout Boxes:

- Search by PI's name, experiment, cruise name, or affiliation
- Limit the search by depth of the measurements
- Limit or expand search by using the data flags
- Search by data type
- Search by specific data product or field

5. To see a list of all the possible data products, known in SeaBASS as fields go to the **Lists** and click on **Fields** in the top search bar or use the Fields box under our **Data Shortcuts**.

SeaBASS Standardized Fields and Units

Home About SeaBASS Get Data Contribute Data Wiki Lists Login

Submitting Overview
 Metadata Headers
 Fields (Measurement Labels)
 FCHECK File Checker
 Documentation Guidelines

Below is a table of the standard field names and units used in the SeaBASS bio-optical archive. The field names are not case sensitive. Use the search bar or the find function in your browser to search the table for words or patterns found in the field names or units or descriptions. Please contact SeaBASS staff for more information.

Special notes regarding wavelength-specific measurements: There are two different ways to indicate wavelengths (nm) in a SeaBASS file. If metadata such as date, location, or depth vary within the data, then append the wavelength number to the field name for every measurement combination. For example, downwelling irradiance ("Ed") measured at 412.3 nm is "Ed412.3" (listed as separate columns alongside other Ed measurements, like Ed416.2, Ed419, etc.) Alternately, if date, location, and depth are assumed to be approximately constant for all measurements in the file, then use the field "wavelength" to provide a column of the measured wavelengths and don't include them as part of the field names (this pivoted layout is commonly used for reporting spectrophotometric measurements or other measurements that use the data_type=scan keyword).

Two additional tables are provided below (Field Name Suffixes & Modifiers). The reusable naming conventions in those tables are used to create new field names without having to add dozens or hundreds of variations to the Table of Field Names and Units. For example, "_sd" (for standard deviation) appears in the table of suffixes and may be appended to any existing SeaBASS field name (e.g., "chl_sd" or "Rrs510_sd.") Similarly, field-specific names can be created *ad infinitum* using _bincount (i.e., number of averaged samples), and _quality. The table of modifiers allow extra information to be part of field names, typically to indicate versions of measurements that are either more specific or modified. For example, modifiers are used to denote size-fractionated measurements (see _flumfit and _flumpreffit), specific excitation or emission wavelengths, or

6. The Fields table is long, so feel free to search for specific parameters.

Field name	Units	Description
Rrs	unitless	Irradiance reflectance (Eu / Ed)
Rrs	1/sr	Remote sensing reflectance (Lw/Ed)
Rrs_unc	1/sr	Accumulated estimate of standard uncertainty associated with the derivation of remote sensing reflectance (Rrs) via propagation of radiance and irradiance errors through the remote sensing reflectance computations.

Showing 1 to 3 of 3 entries (filtered from 508 total entries)

7. Once you submit your search, you will get a list of files (see below screenshot). In that list you will have the option to see a map of the data points, a preview of the main data file (just click over the filename), and a list of the documents for that specific file.

Search Parameters:

Date Measured	1930-01-01 to 2021-07-15
Date Archived	2000-01-01 to 2021-07-15
North	90
South	-90
West	-180
East	180
Water Depth	0.0 to 10000
Products	productivity

Share Search Parameters

Total number of files: 170

Place Order All Include all associated files.

Results Individual Download Selection

Show 10 entries

File	Archive	Documents
AWI/PANGAEA/M55-1/archive/M55_pigments_nutrients.sb	archive	documents
BIGELOW/BALCH/gnats/archive/productivity/s010626w-primprod.sb	archive	documents

8. You can also search for files directly under the experiment, investigator, and or cruise:

Home About SeaBASS Get Data Contribute Data Wiki Lists Login

EXPORTS

Experiment: EXPORTS

Pls*: Behrenfeld, Mike | Benitez-Nelson, Claudia | Boss, Emmanuel | Buesseler, Ken | Carlson, Aig | Cassar, Nicolas | DAaaro, Eric | Durkin, Colleen | Estapa, Margaret | Fassbender, Al | Graff, Jason | Gray, Deric | Halsey, Kimberly | Hansell, Dennis | Kramer, Sasha | Lee, Craig | Long, Jacqueline | Maas, Amy | Mannino, Antonio | Marchetti, Adrian | McDonnell, Andrew | Menden-Deuer, Susanne | Nelson, Norman | Nicholson, David | Omand, Melissa | Passow, Uta | Roester, Collin | Santoro, Alyson | Siegel, David | Steinberg, Deborah | Zhang, Xiaodong

Start Time: 2018-08-06 21:05:05

End Time: 2018-11-29 06:55:57

North: 55.926

South: 48.143

East: -122.707

West: -145.989

Data Types: auv, bottle, cast, float, flow_thru, marine_snow_catcher, mooring, net_tow, pigment, scan, sediment_trap

Recent Data Updates

Affiliations

Investigators

Experiments

Cruises

Validation Summaries

Different lists that facilitate searching

Search by Principal Investigator withing an Experiment (project)

Continue ...

DOI

10.5067/SeaBASS/EXPORTS/DATA001


Description

EXPORTS is a NASA large-scale field campaign that will provide critical information for quantifying the export and fate of upper ocean net primary production (NPP) from satellite observations. The overarching goal of EXPORTS is to develop a predictive understanding of the export and fate of global ocean primary production and its implications for the Earth's carbon cycle in present and future climates.

URL


<http://oceanexports.org/>

Quick File Search (Preview and bulk download results)

[Click here](#) to perform search. 

Cruises

Cruise
EXPORTSNP



Search all EXPORTS files

Search files from a cruise within the Experiment