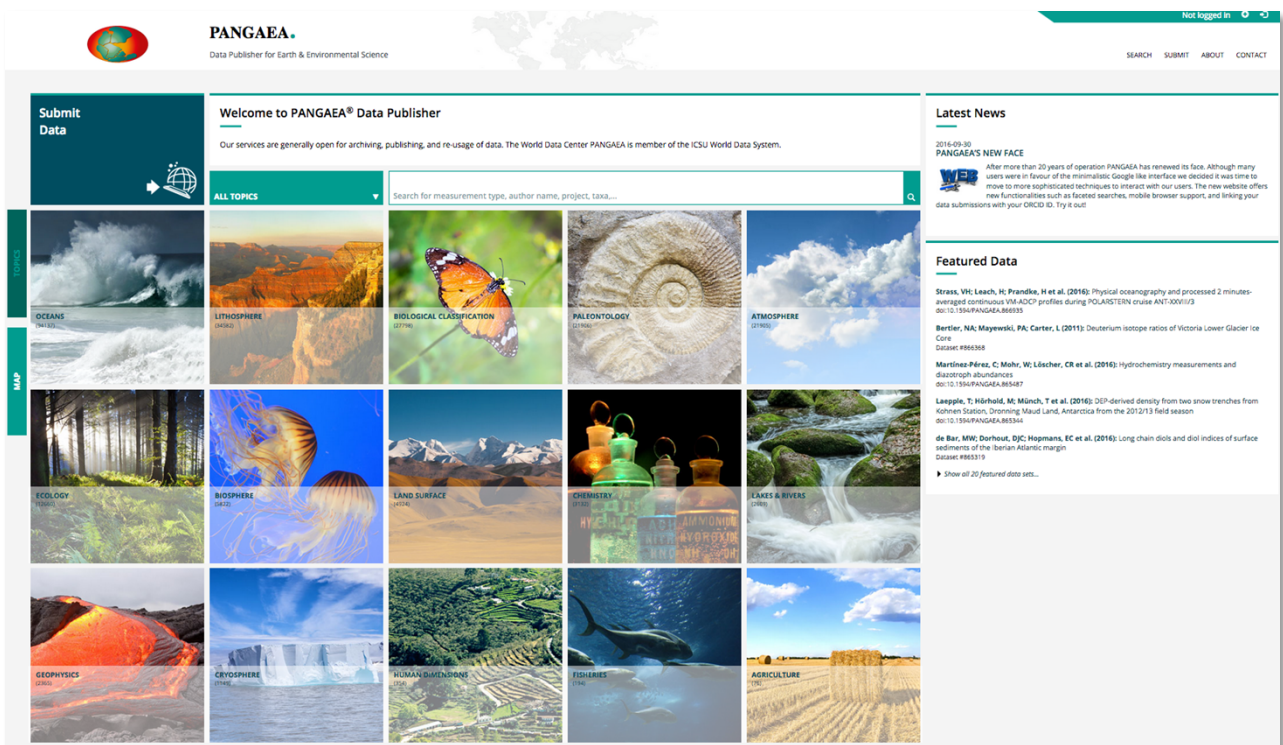


# Tutorial

## Data Submission to PANGAEA

### – for Researchers at GEOMAR –



The screenshot shows the PANGAEA Data Publisher website. At the top left is the PANGAEA logo and the text "Data Publisher for Earth & Environmental Science". A navigation bar includes "SEARCH", "SUBMIT", "ABOUT", and "CONTACT". The main content area is divided into several sections:

- Submit Data:** A button with a globe icon and a right-pointing arrow.
- Welcome to PANGAEA® Data Publisher:** A message stating "Our services are generally open for archiving, publishing, and re-use of data. The World Data Center PANGAEA is member of the ICSU World Data System."
- Search:** A search bar with the placeholder text "Search for measurement type, author name, project, taxa...".
- Grid of Topics:** A 3x5 grid of images representing different scientific fields: OCEANS, LITHOSPHERE, BIOLOGICAL CLASSIFICATION, PALEONTOLOGY, ATMOSPHERE, ECOLOGY, BIOSPHERE, LAND SURFACE, CHEMISTRY, LAKES & RIVERS, GEOPHYSICS, CRYOSPHERE, HUMAN DIMENSIONS, FISHERIES, and AGRICULTURE.
- Latest News:** A section titled "PANGAEA'S NEW FACE" with a sub-date of "2016-09-30". It includes a small "WEB" icon and a paragraph of text about the website's redesign.
- Featured Data:** A list of three data entries with their titles, authors, and DOIs.
  - Strass, VH; Leach, H; Prandke, H et al. (2016): Physical oceanography and processed 2 minutes-averaged continuous VM-ADCP profiles during POLARSTERN cruise ANT-XXVII/3. DOI: 10.1594/PANGAEA.866513
  - Berter, NA; Mayewski, PA; Carter, L (2011): Deuterium isotope ratios of Victoria Lower Glacier ice Core Dataset: #965366
  - Martínez-Pérez, C; Mohr, W; Löscher, CR et al. (2016): Hydrochemistry measurements and diatom abundances. DOI: 10.1594/PANGAEA.862644

### Contact

#### Data Management

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## Introduction

PANGAEA - *Data Publisher for Earth & Environmental Science* is a publisher and library for georeferenced data from earth system research. Observational and analytical data files are archived with a description (metadata) in a relational database. Each dataset can be identified, shared, published and cited by using a Digital Object Identifier (DOI).

PANGAEA offers service and curation for the data output of projects, institutes and individual scientists. Data can be published as an independent "publication" or as a supplement related to an article. Data are in Open Access and are placed under a Creative Commons license. The system guarantees long-term availability of its content through a commitment of the operating institutions. Most of the data are freely available and can be used under the terms of the license mentioned on the data set description. A few password protected data sets are under moratorium from ongoing projects. The description of each data set is always visible and includes the principle investigator (PI) who may be asked for access.

PANGAEA is hosted by the Alfred Wegener Institute, Helmholtz-Center for Polar and Marine Research (AWI), Bremerhaven and the Center for Marine Environmental Sciences (MARUM), Bremen, Germany. PANGAEA is a member of the ICSU World Data System.

(PANGAEA 2016)

## 1. Access to PANGAEA

The Website of PANGAEA is <http://www.pangaea.de/>. You can sign up for a user account needed for data submission and access to your unpublished datasets after login (see picture) (Click on the plus button to sign up: <https://www.pangaea.de/user/signup.php>)

The screenshot shows the PANGAEA website interface. At the top left is the PANGAEA logo and tagline. A navigation bar contains 'SEARCH', 'SUBMIT', 'ABOUT', and 'CONTACT'. A 'Not logged in' button with a plus sign is circled in red, with an arrow pointing to it. The main content area is divided into sections: 'Submit data', 'Welcome to PANGAEA® Data Publisher' with a search bar, and 'Latest News' with a 'PANGAEA'S NEW FACE' article. A row of five small images is at the bottom.

## 2. Search Data

Searching for data by typing in a term in the search field: the term „@geomar“ selects all datasets related to GEOMAR. Additionally you can filter your search results by „Dataset Author“, „Dataset Publication Year“, „Topic“, „Project“, „Basis“, „Device“, „Campaign“ and „Location“.

The screenshot shows the PANGAEA website interface. At the top, there is a search bar with the query "@geomar" and a search button. Below the search bar, the results are displayed in a grid. On the left, there are filter options for "Dataset Author", "Dataset Publication Year", "Topic", and "Project". The main content area shows a list of search results, each with a title, authors, year, and a brief description. On the right, there is a map of the world with a search box and a "Show Map" button. The search results list includes:

- Eynaud, F; de Abreu, L; Voelker, AHL et al. (2009):** Stable isotope record, and abundances of ice rafted debris and Neoglobobulimina pachyderma in sediments of the Iberian margin. Supplement to: Eynaud, F; de Abreu, L; Voelker, AHL et al. (2009): Position of the Polar Front along the western Iberian margin during key cold episodes of the last 45 ka. *Geochemistry, Geophysics, Geosystems*. Size: 14 datasets. doi:10.1594/PANGAEA.738148 - Score: 3.0 - Similar datasets
- Heinemann, A; Fietzke, J; Melzner, F et al. (2012):** Seawater carbonate chemistry and conditions of *Mytilus edulis* extracellular body fluids and shell composition in a pH-treatment experiment: Acid-base status, trace elements and delta11B, 2012. Supplement to: Heinemann, A; Fietzke, J; Melzner, F et al. (2012): Conditions of *Mytilus edulis* extracellular body fluids and shell composition in a pH-treatment experiment: Acid-base status, trace elements and delta11B. *Geochemistry, Geophysics, Geosystems*. Size: 531 data points. doi:10.1594/PANGAEA.778194 - Score: 3.0 - Similar datasets
- Fiedler, B; Fietzke, P; Vieira, N et al. (2013):** Processed CO2/O2 Float data from 4 deployments near Cape Verde Island (11/2010 - 06/2011). Supplement to: Fiedler, B; Fietzke, P; Vieira, N et al. (2013): In Situ CO2 and O2 Measurements on a Profiling Float. *Journal of Atmospheric and Oceanic Technology*. Size: 509900 data points. doi:10.1594/PANGAEA.854147 - Score: 3.0 - Similar datasets
- Bauch, D; Polyak, L; Ortiz, JD (2016):** delta13C DIC measurements in the Arctic Ocean. Supplement to: Bauch, D; Polyak, L; Ortiz, JD (2015): A baseline for the vertical distribution of the stable carbon isotopes of dissolved inorganic carbon (d13CDIC) in the Arctic Ocean. Size: 4585 data points. doi:10.1594/PANGAEA.838613 - Score: 3.0 - Similar datasets
- Kossel, E; Bigalke, N; Piñero, E et al. (2013):** The SUGAR Toolbox. Related to: Kossel, E; Bigalke, N; Piñero, E et al. (2013): The SUGAR Toolbox - A library of numerical algorithms and data for modelling of gas hydrate systems and marine environments. *GEOMAR Report (N. Ser.)*. Size: 3480.0 kbytes. doi:10.1594/PANGAEA.816333 - Score: 3.0 - Similar datasets
- Winkler, A; Dullo, WC (2002):** Accumulation rate, carbon geochemistry and clay mineralogy of ODP Site 181-1123 sediments, southwest Pacific. Supplement to: Winkler, A; Dullo, WC (2002): Data report: Miocene to Pleistocene sedimentation pattern on the Chatham Rise, New Zealand. In: *Richter, F (ed): Proceedings of the Ocean Drilling Program, Scientific Results, College Station, TX (Ocean Drilling Program)*. Size: 2 datasets. doi:10.1594/PANGAEA.816333 - Score: 3.0 - Similar datasets

## 3. Data Submission

In this section you will find instructions about how to submit GEOMAR data to PANGAEA. You need a login to submit data (see Access to PANGAEA). If you click on submit data you will be directed to the data submission form (<http://www.pangaea.de/submit/>). General information about PANGAEA data submission is available here: [https://wiki.pangaea.de/wiki/Data\\_submission](https://wiki.pangaea.de/wiki/Data_submission) and in this videotutorial: <https://www.youtube.com/watch?v=5bJfSuAukTQ&feature=youtu.be>

The screenshot shows the PANGAEA Data Publisher homepage. At the top, there is a search bar and a "Submit Data" button highlighted with a red circle and a red arrow. Below the search bar, there is a "Welcome to PANGAEA® Data Publisher" section. The main content area is divided into several sections: "ALL TOPICS" with a search bar, "Latest News" with a "WEB" icon, and "Featured Data" with a "BIOLOGICAL CLASSIFICATION" icon. The "ALL TOPICS" section includes a grid of topic categories: AGRICULTURE (112), ATMOSPHERE (2830), BIOLOGICAL CLASSIFICATION (27946), BIOSPHERE (6495), and CHEMISTRY (4187). The "Latest News" section features a "PANGAEA'S NEW FACE" article dated 2016-09-30. The "Featured Data" section features a "Circumpolar dataset of Soil Organic Carbon north of treeline derived from ENVISAT ASAR GM, link to GeoTIFF" article dated 2016.

The screenshot shows the 'Create Issue' form for the 'PANGAEA Data Archiving & Publication' project. The form is titled 'Create Issue' and is set to 'Data Submission' as the issue type. The summary field contains the text 'Data submission 2016-10-04T11:53:51Z'. The author(s) field is empty. The title field is empty. The description field is empty. The keywords field is empty. The attachment field is empty and contains a 'Select files' button. The form also includes a search bar and a user profile icon in the top right corner.

### 3.1 Submission Fields

- Author(s): Authors of the dataset
- Title: Title of the dataset, should contain what has been measured, observed, or calculated, when, where, and how.
- Description: The description of the data, not of the paper (material & methods)!
- Attachment(s): the data tables, each file up to 100 MB, otherwise contact GEOMAR Data Management Team
- Label: e.g. GEOMAR, BIOACID, SFB754
- Article: Publication which is connected to the data or where the data has been used in, full title and DOI, if already published

### 3.2 File Formats

- Files: csv, Excel, txt, ...
- Column oriented, without pictures/diagrams/figures/color/formula
- No additional mean values
- Decimal delimiter: 3.123
- Relevant number of decimal places
- No negative values if they don't exist
- Missing value  $\neq$  0 (use empty cells)
- One value per cell (no ranges)

- Value only in one data Shell (no duplicates)
- Parameter: Full name (English), abbreviation and unit necessary for each column
- Add geocodes to your measurements: Latitude, Longitude, Depth/Height (sediment/water/air), Date/Time, Identifier (<https://wiki.pangaea.de/wiki/Geocode>)
- Experiments: Treatment, Replicate, Time
- If you are unsure, search for similar datasets at [www.pangaea.de](http://www.pangaea.de)

### Example file:

#### Original file

Tissue mannitol of <i>Fucus vesiculosus</i>			Tissue mannitol of <i>Fucus serratus</i>		
month	sample ID	µmol / g dry weight	month	sample ID	µmol / g dry weight
August	Fv_A1_08.12	115	August	Fs_A1_08.12	284
	Fv_A2_08.12	141		Fs_A2_08.12	271
	Fv_A3_08.12	154		Fs_A3_08.12	295
	Fv_A4_08.12	135		Fs_A4_08.12	286
	Fv_A5_08.12	120		Fs_A5_08.12	329
	Fv_B1_08.12	373		Fs_B1_08.12	316
	Fv_B2_08.12	478		Fs_B2_08.12	303
	Fv_B3_08.12	471		Fs_B3_08.12	318
	Fv_B4_08.12	503		Fs_B4_08.12	385
	Fv_B5_08.12	458		Fs_B5_08.12	374
	Fv_C1_08.12	461		Fs_C1_08.12	397
	Fv_C2_08.12	403		Fs_C2_08.12	437
	Fv_C3_08.12	472		Fs_C3_08.12	375
	Fv_C4_08.12	430		Fs_C4_08.12	383
	Fv_C5_08.12	386		Fs_C5_08.12	335
Mean	Fv_08.12	341	Mean	Fs_08.12	339
STABW		156	STABW		50
SE		40	SE		13
September	Fv_A1_09.12	344	September	Fs_A1_09.12	368
	Fv_A2_09.12	393		Fs_A2_09.12	342
	Fv_A3_09.12	399		Fs_A3_09.12	331
	Fv_A4_09.12	362		Fs_A4_09.12	309
	Fv_A5_09.12	354		Fs_A5_09.12	319
	Fv_B1_09.12	432		Fs_B1_09.12	470
	Fv_B2_09.12	367		Fs_B2_09.12	452
	Fv_B3_09.12	455		Fs_B3_09.12	415
	Fv_B4_09.12	440		Fs_B4_09.12	454
	Fv_B5_09.12	401		Fs_B5_09.12	467
	Fv_C1_09.12	412		Fs_C1_09.12	293
	Fv_C2_09.12	401		Fs_C2_09.12	368
	Fv_C3_09.12	447		Fs_C3_09.12	374
	Fv_C4_09.12	436		Fs_C4_09.12	319
	Fv_C5_09.12	399		Fs_C5_09.12	340
Mean	Fv_09.12	403	Mean	Fs_09.12	375
STABW		34	STABW		62
SE		9	SE		16
October	Fv_A1_10.12	484	October	Fs_A1_10.12	272
	Fv_A2_10.12	484		Fs_A2_10.12	341
	Fv_A3_10.12	409		Fs_A3_10.12	327
	Fv_A4_10.12	422		Fs_A4_10.12	290
	Fv_A5_10.12	450		Fs_A5_10.12	283
	Fv_B1_10.12	506		Fs_B1_10.12	466
	Fv_B2_10.12	535		Fs_B2_10.12	475
	Fv_B3_10.12	528		Fs_B3_10.12	547
	Fv_B4_10.12	525		Fs_B4_10.12	482
	Fv_B5_10.12	505		Fs_B5_10.12	532
	Fv_C1_10.12	398		Fs_C1_10.12	465
	Fv_C2_10.12	393		Fs_C2_10.12	462
	Fv_C3_10.12	415		Fs_C3_10.12	430
	Fv_C4_10.12	424		Fs_C4_10.12	493
	Fv_C5_10.12	379		Fs_C5_10.12	410
Mean	Fv_10.12	457	Mean	Fs_10.12	418
STABW		55	STABW		92
SE		14	SE		24
November	Fv_A1_11.12	233	November	Fs_A1_11.12	200

#### Corrected file for PANGAEA

Event Label	DEPTH, water	DATE/TIME	Species	Sample code/ID	Mannitol [µmol/g]
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_A1_08.12	115
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_A2_08.12	141
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_A3_08.12	154
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_A4_08.12	135
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_A5_08.12	120
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_B1_08.12	373
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_B2_08.12	478
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_B3_08.12	471
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_B4_08.12	503
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_B5_08.12	458
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_C1_08.12	461
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_C2_08.12	403
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_C3_08.12	472
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_C4_08.12	430
Kiel-Bueik_out	0.5	Aug. 12	Fucus vesiculosus	Fv_C5_08.12	386
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_A1_08.12	284
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_A2_08.12	271
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_A3_08.12	295
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_A4_08.12	286
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_A5_08.12	329
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_B1_08.12	316
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_B2_08.12	303
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_B3_08.12	318
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_B4_08.12	385
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_B5_08.12	374
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_C1_08.12	397
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_C2_08.12	437
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_C3_08.12	375
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_C4_08.12	383
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_C5_08.12	335
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_08.12	339
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_A1_09.12	368
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_A2_09.12	342
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_A3_09.12	331
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_A4_09.12	309
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_A5_09.12	319
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_B1_09.12	470
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_B2_09.12	452
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_B3_09.12	415
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_B4_09.12	454
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_B5_09.12	467
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_C1_09.12	293
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_C2_09.12	368
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_C3_09.12	374
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_C4_09.12	319
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_C5_09.12	340
Kiel-Bueik_out	0.5	Aug. 12	Fucus serratus	Fs_09.12	375
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_A1_09.12	349
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_A2_09.12	389
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_A3_09.12	399
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_A4_09.12	362
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_A5_09.12	354
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_B1_09.12	432
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_B2_09.12	367
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_B3_09.12	455
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_B4_09.12	440
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_B5_09.12	401
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_C1_09.12	412
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_C2_09.12	401
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_C3_09.12	447
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_C4_09.12	436
Kiel-Bueik_out	0.5	Sep. 12	Fucus vesiculosus	Fv_C5_09.12	399
Kiel-Bueik_out	0.5	Sep. 12	Fucus serratus	Fs_A1_09.12	365
Kiel-Bueik_out	0.5	Sep. 12	Fucus serratus	Fs_A2_09.12	342
Kiel-Bueik_out	0.5	Sep. 12	Fucus serratus	Fs_A3_09.12	331
Kiel-Bueik_out	0.5	Sep. 12	Fucus serratus	Fs_A4_09.12	309
Kiel-Bueik_out	0.5	Sep. 12	Fucus serratus	Fs_A5_09.12	319

### Adapted parameter description

Write the parameter name with units in the column and describe your parameters and units in your excel sheet in one extra tab named 'Read me', including methods and PI.

For detailed information <https://wiki.pangaea.de/wiki/Parameter>

### Quality Flags

Each single numeric value in a file can be **quality flagged** with symbols as listed in this link:

[https://wiki.pangaea.de/wiki/Quality\\_flag](https://wiki.pangaea.de/wiki/Quality_flag)



### 3.3 What happens after data submission?

The Ticket system of PANGAEA sends emails when:

- The ticket is created (confirmation)
- The curator is assigned
- The curator starts preparation
- The curator has questions → Answer is required
- The curator informs about availability of data by sending the DOI
- The curator asks to approve the dataset → Answer is required/ Approve button
- The curator closes the submission and asks for removal of login protection for publication

### 3.4 What means approval?

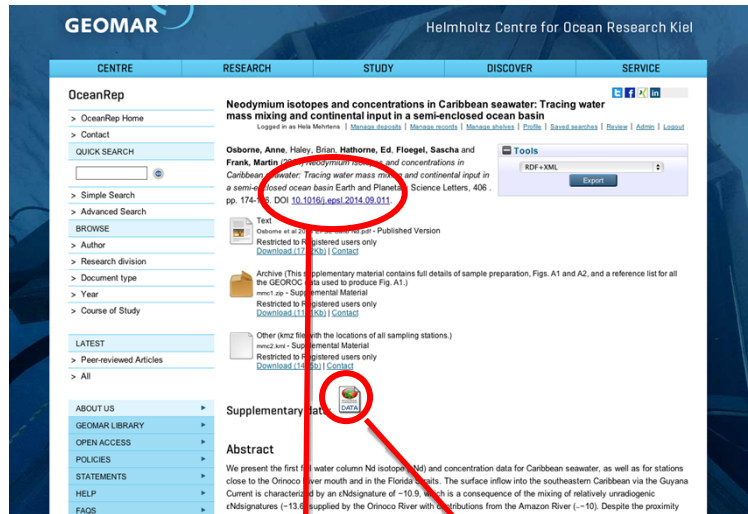
- Please check the title and authors of all datasets
- Please have a close look at the parameter names and units
- In order to see the content you have to click on '**View dataset as HTML**'
- Please control the values especially in case of unit recalculation

### 3.5 Benefits of (early) publishing data

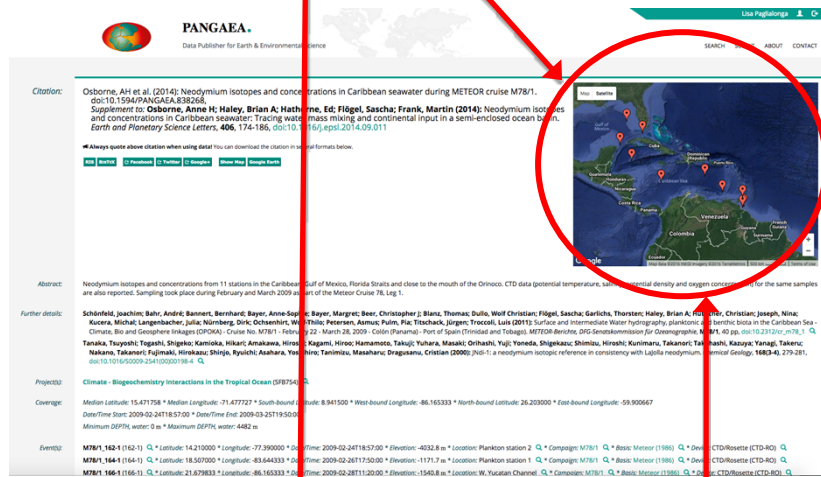
- Citable dataset DOI can be used/cited in your paper
- Fulfill publishers demand to make data publicly available
- Data Warehouse → query/download published datasets
- Reuse of data
- Long-term availability

### 3.6 Where to find the submitted data?

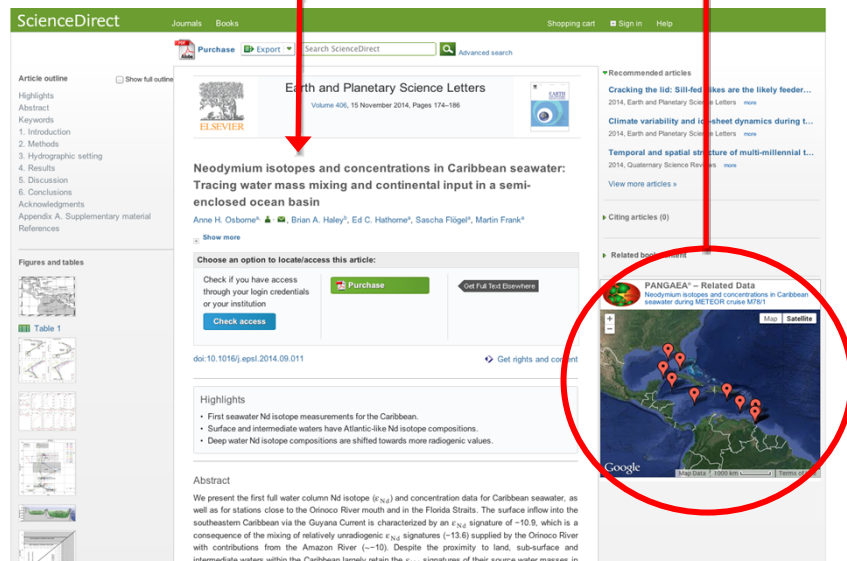
The example of the following screenshots will show you where you can find your submitted data.



OceanRep: <http://oceanrep.geomar.de/25746/>



PANGAEA: <http://doi.pangaea.de/10.1594/PANGAEA.838268>



Science Direct: <http://www.sciencedirect.com/science/article/pii/S0012821X14005664>



## 4. How to download bathymetry data

Before you want to download the bathymetry data from PANGAEA make sure that you have to installed the **Add-on 'DownThemAll!' for your Mozilla Firefox browser**:

- <https://addons.mozilla.org/de/firefox/addon/downthemall/developers>
- <http://www.downthemall.net/>

„DownThemAll features an advanced accelerator that **increases speed up to 400%**“

After the Add-on 'DownThemAll!' installation navigate to the website you want to download the bathymetry data: e.g. <https://doi.pangaea.de/10.1594/PANGAEA.864817>

- Click on **'View dataset as HTML'** at the bottom of the page and log in
- You'll get a list with the files for download
- Click on the right mouse button, so you'll get the menu "DownThemAll"
- At the bottom you can choose the filter option ("Schnelles Filtern") to download the ".all" files

The screenshot displays the PANGAEA dataset page for M127-track. The page includes metadata such as Coverage (Median Latitude: 25.887289, Median Longitude: -44.376518, etc.), Events (M127-track), and Parameters (Name, Short Name, Unit, Principal Investigator, Method). A table of data points is visible, with columns for Date/Time, Latitude, Longitude, Description, and File name. The size of the dataset is listed as 1855 data points. A DownThemAll download window is overlaid on the page, showing a list of links for download and a 'Schnelles Filtern' (Quick Filter) section. The filter is set to 'Alle Dateien' (All files) and 'Videos (mpg, avi, ...)' is checked. The window also shows a 'Maske' (Mask) field set to '\*name\*.text\*' and a 'Start' button.

Quelle: PANGAEA - Data Publisher for Earth & Environmental Science (2016): [www.pangaea.de](http://www.pangaea.de)

**If you have other questions or comments please contact the data management team:**

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