PANGAEA® Data Publisher for Earth & Environmental Science

Database for SponGES data

Amelie Driemel, Stefanie Schumacher, Astrid Cornils
Porto, 16.04.2018
Research in a nutshell...

Depth: 136 m
Species: G. hentsheli

What about your data?

Other researchers
Research in a nutshell...

Depth: 136 m
Species: G. hentscheli

What about your data?

Other researchers
How to easily loose data...

1. Delete the file, no backup
2. Computer virus/Malware
3. Malfunction in software
4. Theft/loss (PC/USB/ext. drive)
5. Damaged hardware

OR: just forget you ever had data
What’s the problem?

- unstable links,
- data not machine readable,
- metadata missing
PANGAEA® in a nutshell

- PANGAEA is an open access Data Library and is the designated database for SponGES data (data + metadata!)
- Data are stored georeferenced in space and time in a relational database or a tape archive (large files)
- Data sets receive a citable and permanent DOI
- Data sets can be found via the internet and can be downloaded directly from the PANGAEA web page (*)
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The PANGAEA Data model

**What?**
Parameter [unit]

**Who?**
Author(s), PI, Article

**Where?**
Latitude/Longitude
Depth in ice, water, sediment; Altitude...

**When?**
Date, Age...

**How?**
Method

Data Types:
SponGES data in PANGAEA
SponGES data in PANGAEA

8 datasets found on search for »project:sponGES«

1. van Haren, H; Hanz, U; de Stigter, H et al. (2018): Water column characteristics obtained by yoyo-CTD and mooring sensors and benthic organism abundance of a biologically rich seamount of the Mid-Atlantic Ridge
   Supplement to: van Haren, H; Hanz, U; de Stigter, H et al. (2017): Internal wave turbulence at a biologically rich Mid-Atlantic seamount. PLoS ONE
   Size: 6 datasets
   © https://doi.org/10.1594/PANGAEA.884597 - Score: 48.97 - Similar datasets

2. Cárdenas, P; Moore, JA (2016): Collecting information and identification of New England Seamount Geodia species
   Supplement to: Cárdenas, P; Moore, JA (2017): First records of Geodia demosponges from the New England seamounts, an opportunity to test the use of DNA mini-barcodes on museum specimens.
   Marine Biodiversity
   Size: 95 data points
Cárdenas, Paco; Moore, Jon A (2016): Collecting information and identification of New England Seamount Geodia species. PANGAEA, https://doi.org/10.1594/PANGAEA.867276,

Supplement to: Cárdenas, P; Moore, JA (2017): First records of Geodia demosponges from the New England seamounts, an opportunity to test the use of DNA mini-barcodes on museum specimens. Marine Biodiversity, 12 pp, https://doi.org/10.1007/s12526-017-0775-3

You can download the citation in several formats below.

Deep-sea Sponge Grounds Ecosystems of the North Atlantic (SponGES)

ALV-4162 * Latitude: 39.653700 * Longitude: -65.940900 * Date/Time: 2005-10-28T00:00:00 + Elevation: -2080.0 m + Location: New England Mountains + Campaign: AT12-01 + Basis: Atlantis (1) + Device: Submersible Alvin (ALVIN)

This dataset gathers the collecting information of New England Seamount Geodia species from the Yale Peabody Museum. Museum numbers, fixation processing and Genbank accession numbers are given.

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Size: 95 data points

Download Data
Download dataset as tab-delimited text (use the following character encoding: UTF-8 Unicode (PANGAEA default)
# SponGES data in PANGAEA

## Data

Download dataset as tab-delimited text (use the following character encoding: UTF-8, Unicode (Mac OS X) default)

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<th>Event</th>
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<th>Longitude</th>
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Data submission: www.pangaea.de
Data submission form

Create Issue

Project: PANGAEA Data Archiving & Publication
Issue Type: Data Submission

Summary:
Data submission 2015-10-01T12:45:36Z (Amelie Driemel, Alfred Wegener Inst)
The summary (subject) is used as identifier in the further communication.

Author(s):
Driemel, Amelie

Title:
The title should ideally reflect what has been measured, observed, or calculated, when, where, and how.

Description:

Keywords:
Separate keywords by comma or semicolon.

Attachment:
Drop files here to attach them
OR
Select files

License:
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For larger files leave a corresponding note in the description. DATA FILE(S) ARE REQUIRED! For data submissions, read our format guide (http://wiki.pangaea.de/wikiFormat).

Labels:
Begin typing to find and create labels or press down to select a suggested label.
Context of the data submission, e.g., PROJECT, institute, etc.
Good reasons to publish your data

- Funders requirement
- Credit for your research (e.g. Data citation index)
- Education and public outreach
- Data transparency (verification possible, good scientific practice)
- Re-use for you and others (also of data not used in an article!)

“The coolest thing to do with your data might be thought of by someone else”  
[ Rufus Pollock]
Questions?

http://www.pangaea.de/submit/

amelie.driemel@awi.de

Yes we can!