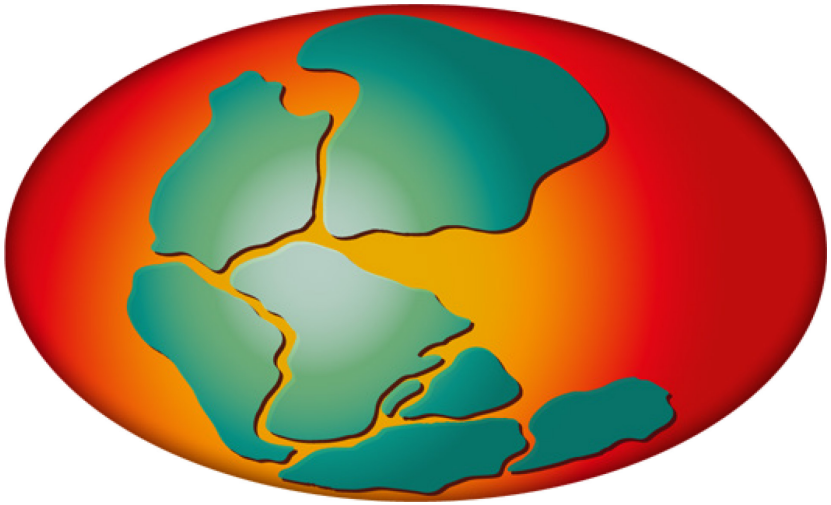
PANGAEA® Data Publisher for Earth & Environmental Science

Database for SponGES data

Plenary: Data integration and management



Amelie Driemel, Stefanie Schumacher, Dana Ransby

Wageningen, 21.05.2019

PANGAEA - Why am I here?

- PANGAEA is an open access Data Library and is the **designated database for SponGES data** (data + metadata!)

- Your data are stored **georeferenced** in space and time
- Your datasets receive a **citable and permanent DOI**
- Your datasets can be **found** via the internet and can be **downloaded** from the PANGAEA web page (**moratorium possible!**)

SponGES

HELMHOLTZ GEMEINSCHAFT

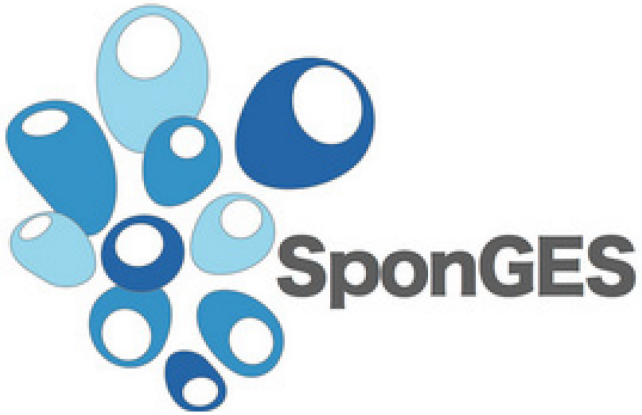
PANGAEA - Why am I here?

Easy to 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 

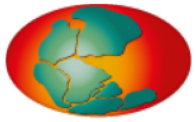
OR: just forget you ever had data 

SponGES data in PANGAEA



SponGES data in PANGAEA one year ago

SponGES data in PANGAEA today



PANGAEA.

ALL TOPICS ▼ project:sponGES

Filter by...

31 datasets found on search with facet filters

< 1 2 3 4 >

Dataset Author

- Hanz, Ulrike (17)
- Mienis, Furu (17)
- Rapp, Hans Tore (12)
- Davies, Andrew John (10)
- Meyer, Heidi Kristina (10)
- Roberts, Emyr Martyn (10)
- Duineveld, Gerard C A (7)
- de Stigter, Henko (7)
- van Haren, Hans (7)
- Cárdenas, Paco (6)
- Bates, Stephanie L (3)
- Cassarino, Lucie (3)
- Culwick, Timothy (3)
- Frost, Molly (3)
- Goodwin, Claire (3)
- Hendry, Katharine R (3)
- *more...*

Dataset Publication Year

- ☐ 2019 (5)
- ☐ 2018 (25)
- ☐ 2016 (1)

Topic

1. **Hendry, KR; Cassarino, L; Bates, SL et al. (2019):** Stable silicon isotope composition of deep sea sponges and co-located seawater silicon isotopic compositions collected from the North Atlantic

   Supplement to: **Hendry, KR; Cassarino, L; Bates, SL et al. (2019):** Silicon isotopic systematics of deep-sea sponge grounds in the North Atlantic. *Quaternary Science Reviews*

   Size: 2 datasets

   https://doi.org/10.1594/PANGAEA.898677 - Score: 1.8

2. **Roberts, EM; Mienis, F; Rapp, HT et al. (2018):** Physical, biological, biogeochemical, and bathymetric datasets from a research cruise to the Schultz Massif Seamount (Norwegian/Greenland Sea) in June 2016 using RV G.O. Sars (Cruise 2016109A)

   Supplement to: **Roberts, EM; Mienis, F; Rapp, HT et al. (2018):** Oceanographic setting and short-timescale environmental variability at an Arctic seamount sponge ground. *Deep Sea Research Part I: Oceanographic Research Papers*

   Size: 9 datasets

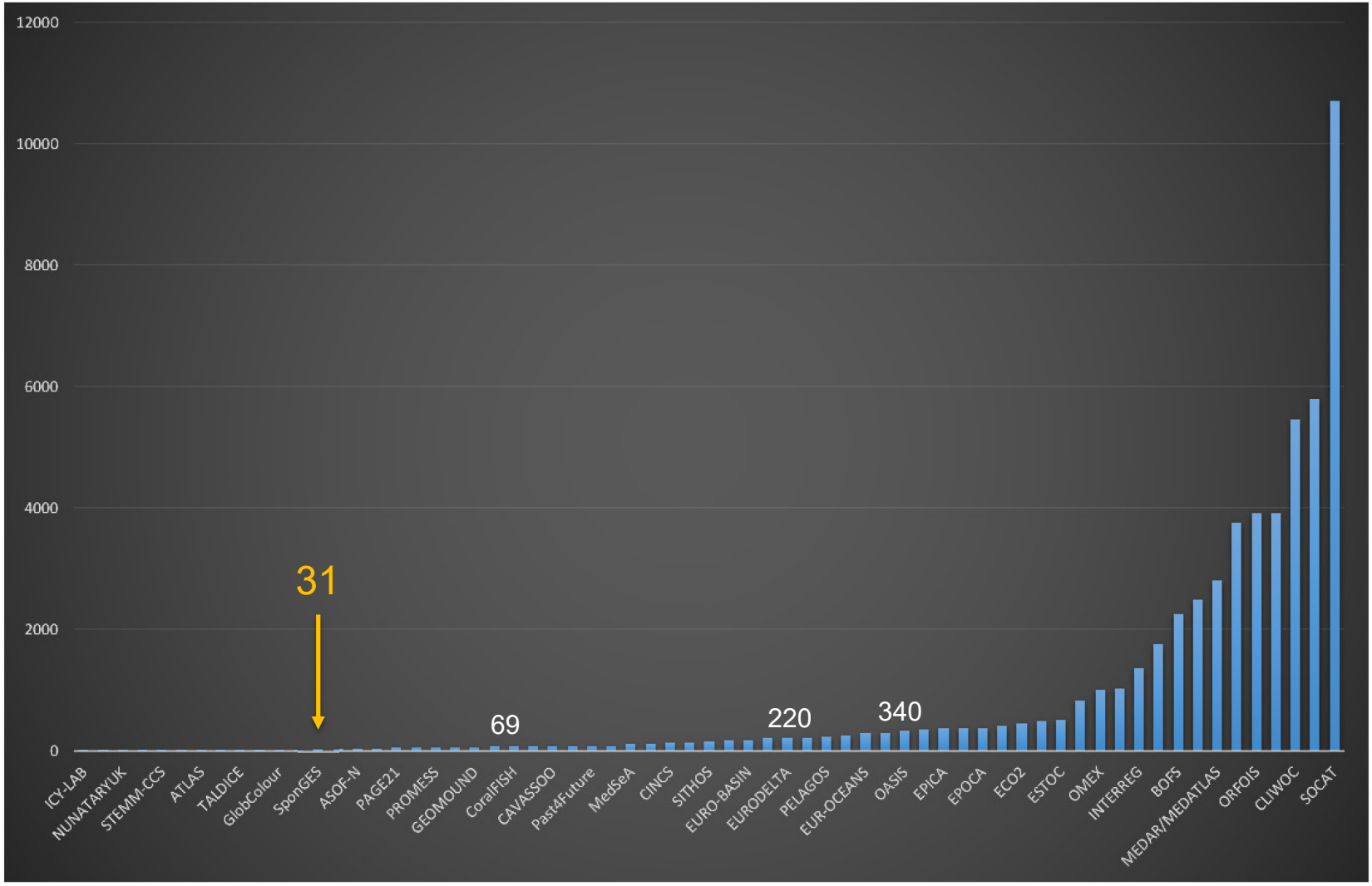
   https://doi.org/10.1594/PANGAEA.891035 - Score: 1.8

3. **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

Other EU projects – number of datasets



SponGES data types in PANGAEA

- Collecting information and identification of sponge species - contains links to genetic information
- Stable silicon isotope composition of deep sea sponges and seawater
- Sponge denitrification rates
- Cruise data (CTD, nutrients, multibeam, O2, particles..)
- Species occurrences observed during ROV dive
- Abundance of organisms found along video transects
- A model hindcast of bottom environmental conditions (netCDF files)
- …

SponGES devices/campaigns in PANGAEA

Device

Remote operated vehicle	6
Bottom lander	4
CTD/Rosette	4
Dredge	3
Yoyo-CTD	3
Beam trawl	2
Biology	2
Box corer	2
Epibenthic sledge	2
Mooring	2
Sampling by diver	2
Bottle, Niskin	1
Dredge, benthos	1
EM302 multibeam echosounder	1
Longline deployment	1
Multiple investigations	1
Otter trawl	1
Sampling by hand	1
Submersible	1
Submersible Alvin	1
Submersible JAGO	1
Trawl net	1
Underwater Video system	1
van Veen Grab	1

Campaign

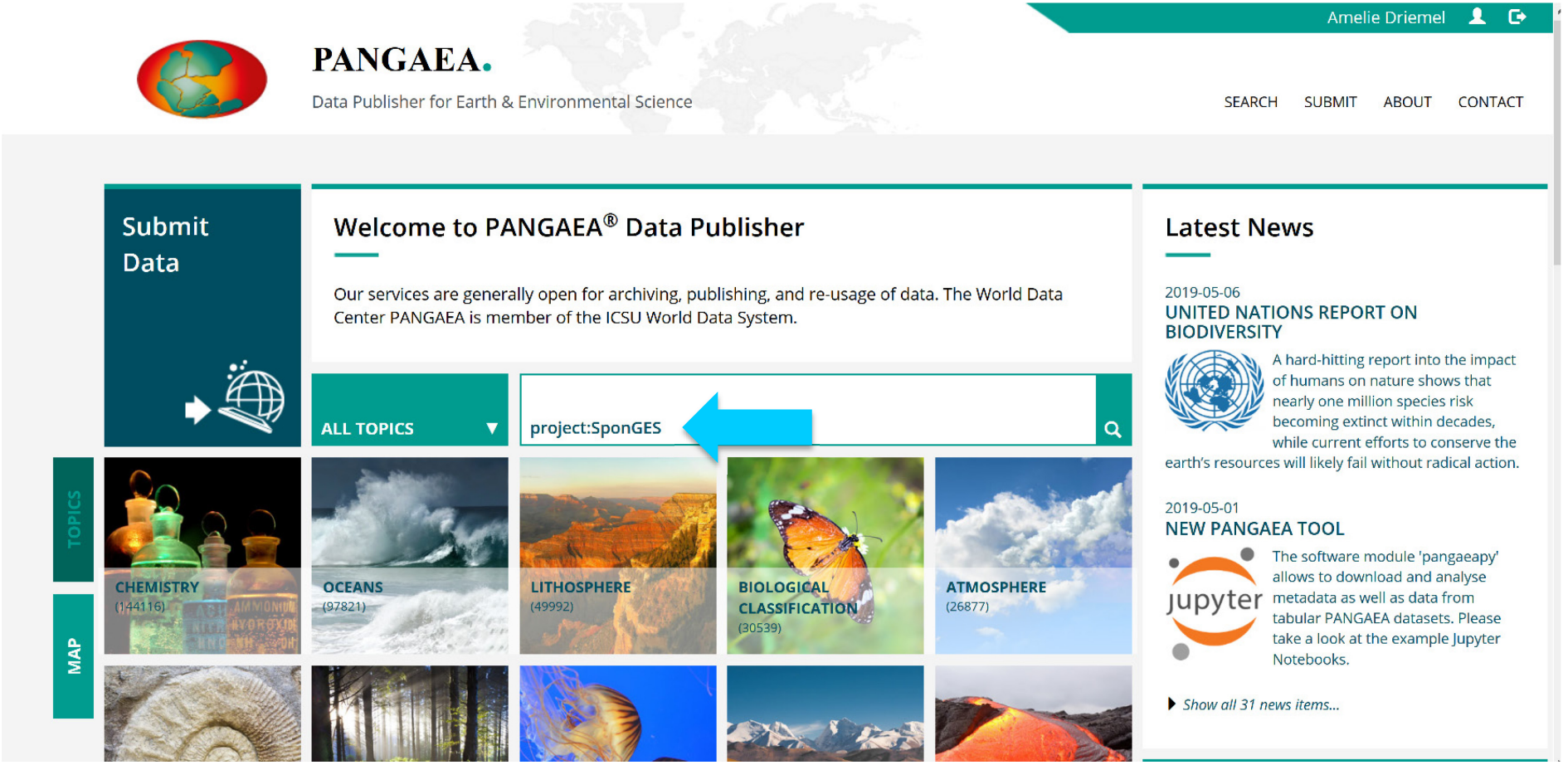
GS2016109A	9
64PE412	4
DY081	2
HUD2016019	2

…

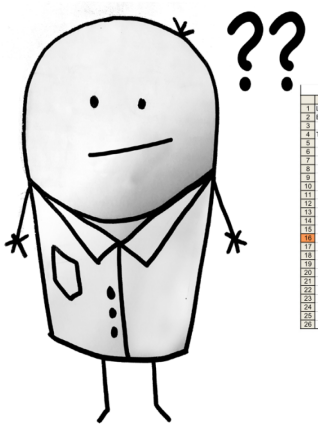
GO Sars, 2016-06
Pelagia, 2016-06
Discovery, 2017-07
Hudson, 2016-07

Other cruises e.g. MLB2017001, CE15011

www.pangaea.de



This is life..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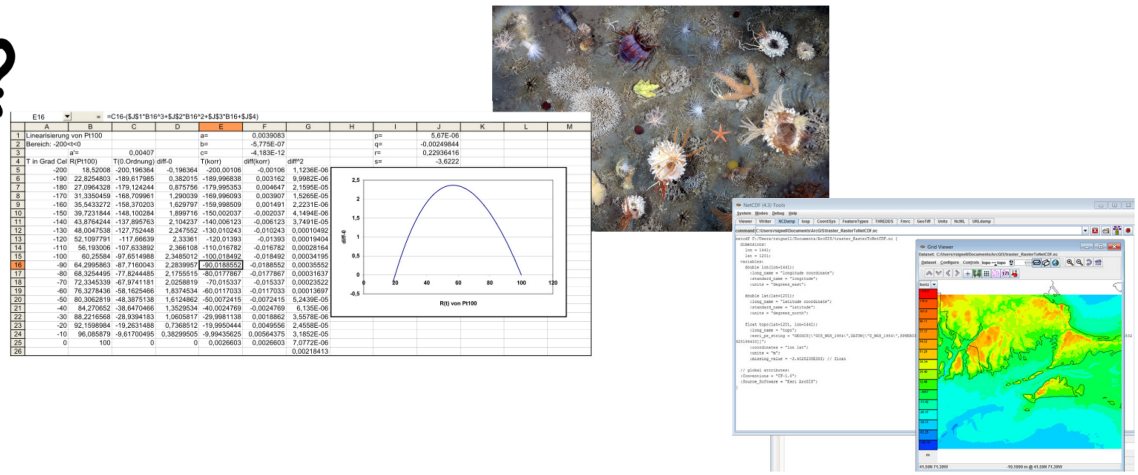
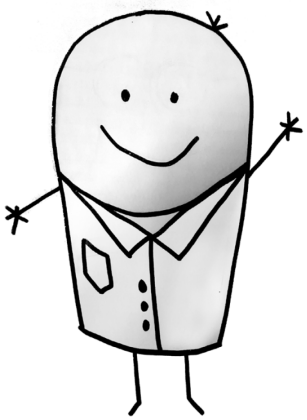
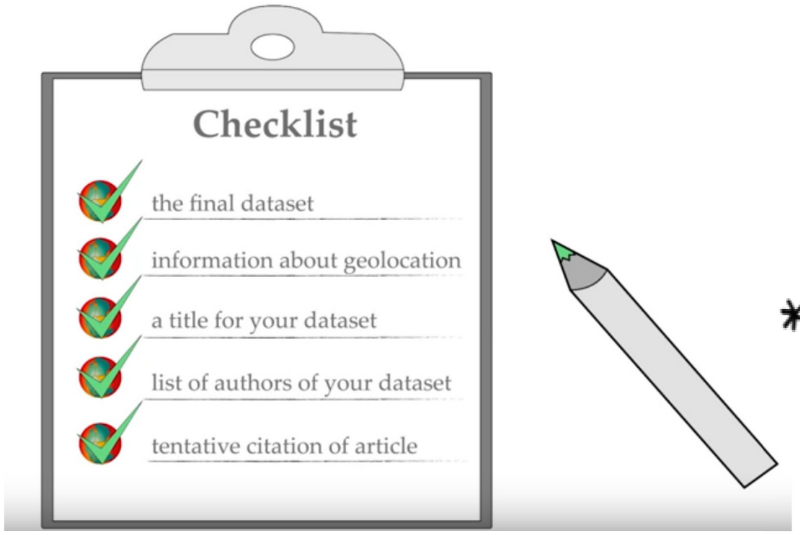
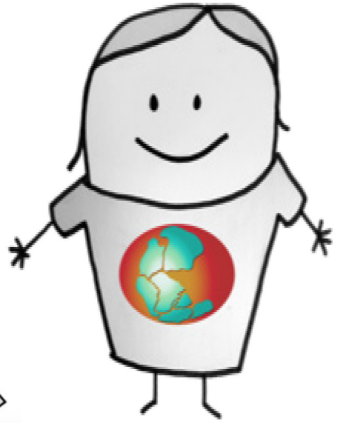
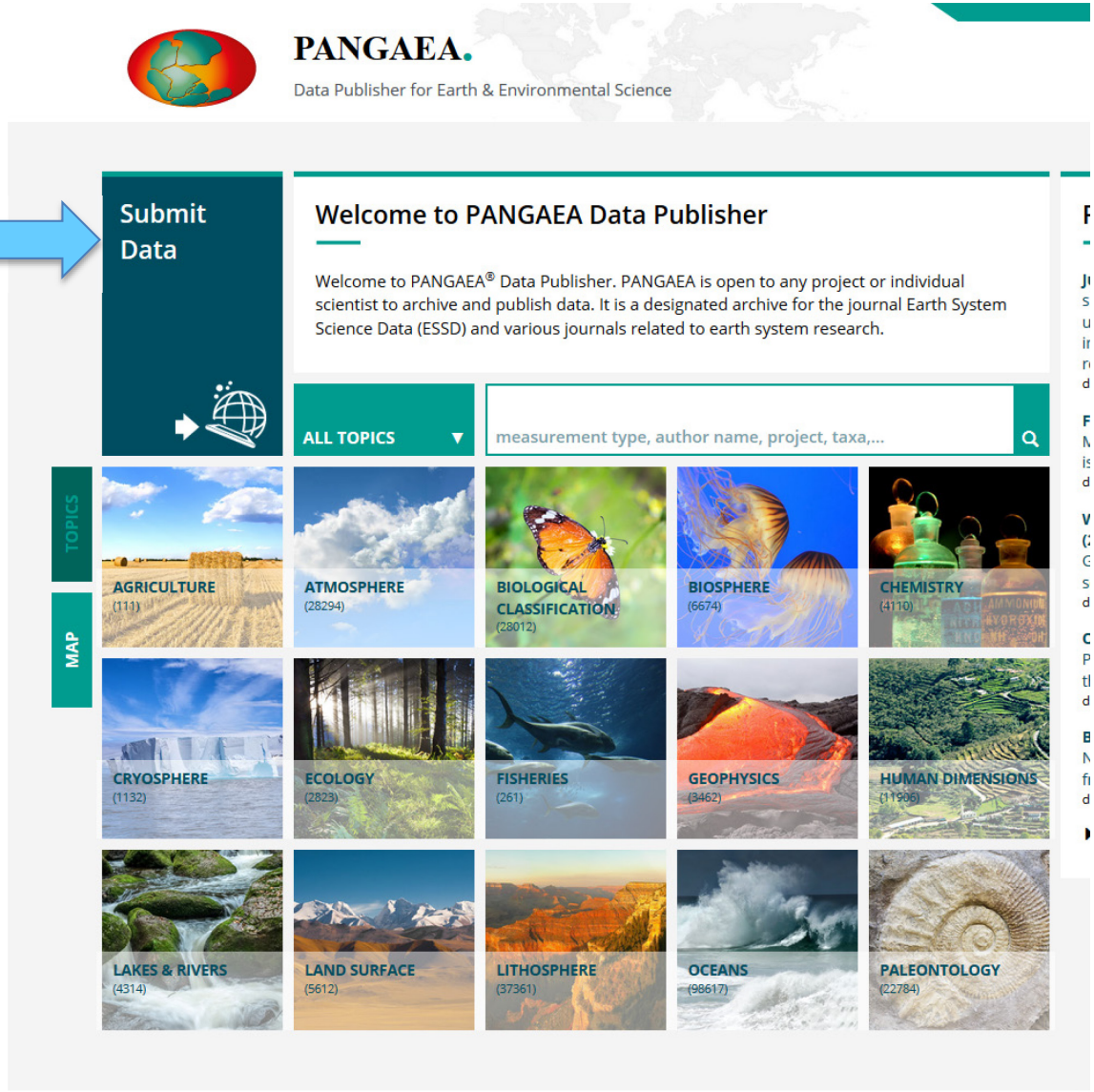





Checklist
the final dataset
information about geolocation
a title for your dataset
list of authors of your dataset
tentative citation of article



Data submission: www.pangaea.de



Data submission form

Create Issue

Project **PANGAEA Data Archiving & Publication**

Issue Type **Data Submission**

Summary* Data submission 2015-10-01T12:45:38Z (Amelie Driemel, Alfred Wegener Ins

The summary (subject) is used as identifier in the further communication.

Author(s)* Driemel, Amelie

Please, enter the author(s) (the principal investigators) for the data set(s) you want to submit.
One author per line; example: *Smith, Joe Peter*

Title

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

Description

SponGES

ABSTRACT and/or further details describing the data.

Keywords

Separate keywords by comma or semicolon.

Attachment

Drop files here to attach them
or
Select files

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 /wiki/Format).

License* CC-BY: Creative Commons Attribution 3.0 Unported

General information on used licences can be found on the Creative Commons license pages. If you need help to choose the correct license for your dataset, you can use the following page.

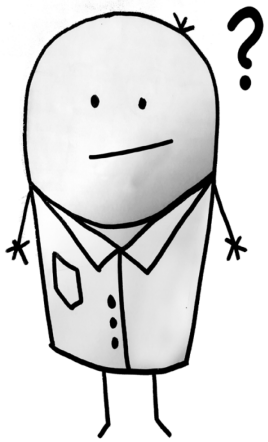
Labels

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.

Create

PANGAEA
Data Curator



Did I do it right??

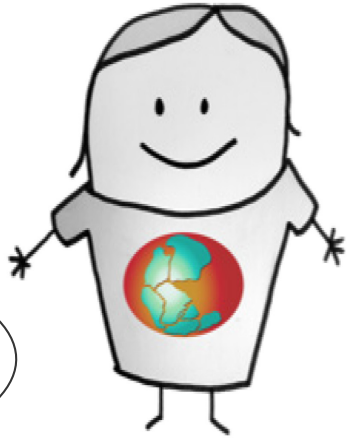
Looks good, but units … are missing ;)

Oops, ok will upload a new version

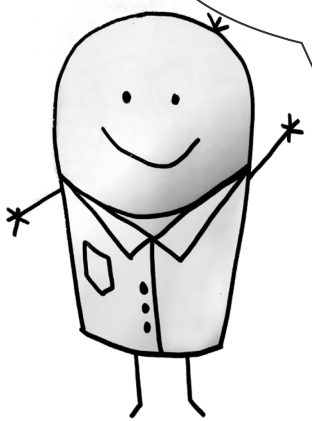
The new version looks very good!

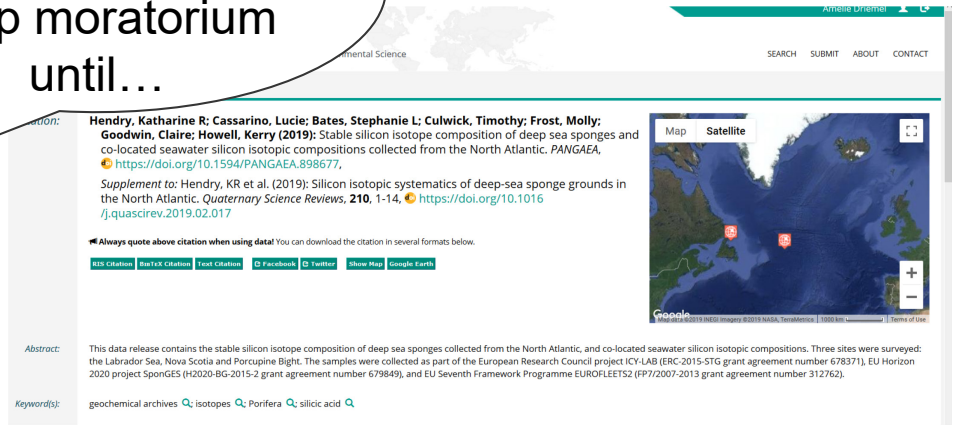
…..

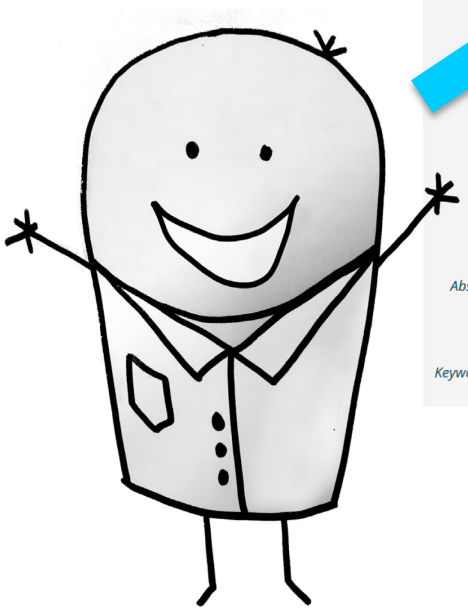
I uploaded your data, please proof-read at …



Great, looks good, please keep moratorium until…







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Data Publisher for Earth & Environmental Science

Amelie Driemel

SEARCH SUBMIT ABOUT CONTACT

Citation:

Hendry, Katharine R; Cassarino, Lucie; Bates, Stephanie L; Culwick, Timothy; Frost, Molly; Goodwin, Claire; Howell, Kerry (2019): Stable silicon isotope composition of deep sea sponges and co-located seawater silicon isotopic compositions collected from the North Atlantic. *PANGAEA*, https://doi.org/10.1594/PANGAEA.898677,

Supplement to: Hendry, KR et al. (2019): Silicon isotopic systematics of deep-sea sponge grounds in the North Atlantic. *Quaternary Science Reviews*, **210**, 1-14, https://doi.org/10.1016/j.quascirev.2019.02.017

Always quote above citation when using data! You can download the citation in several formats below.

RIS Citation | BibTeX Citation | Text Citation | Facebook | Twitter | Show Map | Google Earth

Abstract:

This data release contains the stable silicon isotope composition of deep sea sponges collected from the North Atlantic, and co-located seawater silicon isotopic compositions. Three sites were surveyed: the Labrador Sea, Nova Scotia and Porcupine Bight. The samples were collected as part of the European Research Council project ICY-LAB (ERC-2015-STG grant agreement number 678371), EU Horizon 2020 project SponGES (H2020-BG-2015-2 grant agreement number 679849), and EU Seventh Framework Programme EUROFLEETS2 (FP7/2007-2013 grant agreement number 312762).

Keyword(s):

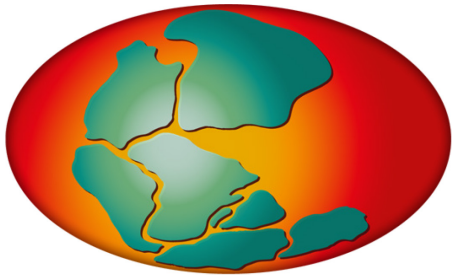
geochemical archives; isotopes; Porifera; silicic acid

My questions to you:

- Did you **already submit** data to PANGAEA and missed to state that it is SponGES data? (Check for SponGES label on dataset page)
- Did you **submit data to another repository**? Please inform us (Andy, Amelie)
- Did you **just attach supplementary files to your article**? I can archive those – please inform us!
- Only for GS2016109A baseline data available (CTD, multi-beam, nutrients etc) – what about the **other cruises**??

=> PANGAEA can **archive basically everything**: Photos, Videos, Tables (also xlsx), GeoTiffs, Shapefiles, combination of metadata and links to e.g. GenBank, and many more data types

Please submit your data this year!



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

amelie.driemel@awi.de

Partner area, folder 07: info documents
„PANGAEA in a nutshell“ and
„PANGAEA submission manual“ available