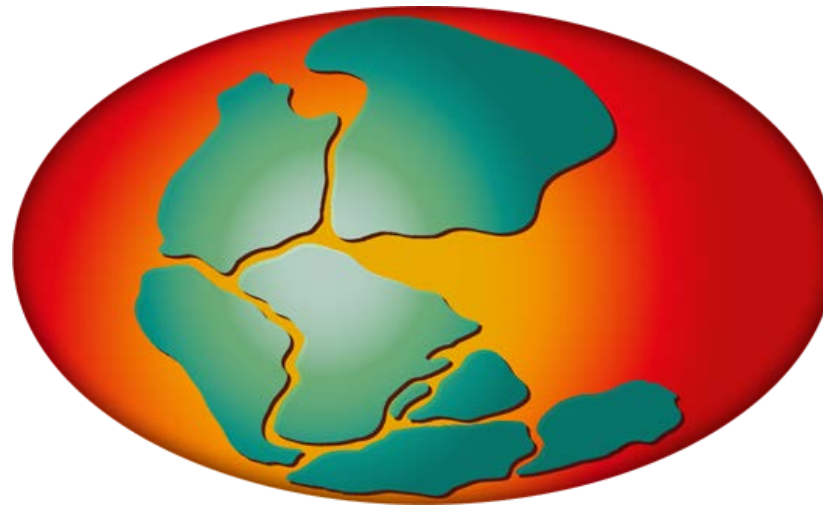


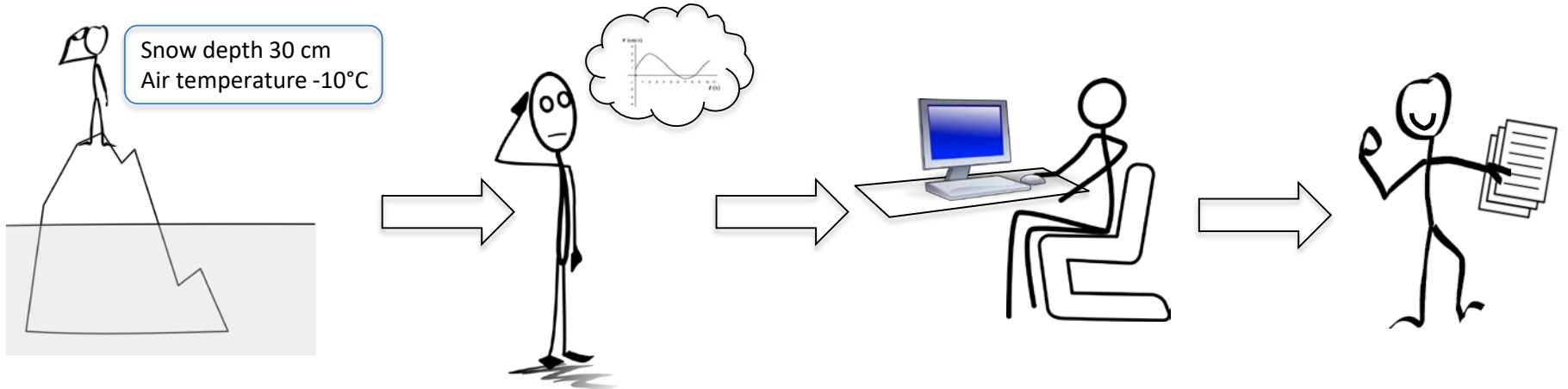
PANGAEA[®] Data Publisher for Earth & Environmental Science



Amelie Driemel, Hannes Grobe, Stefanie Schumacher, Rainer Sieger
Erlangen, 22.09.2017

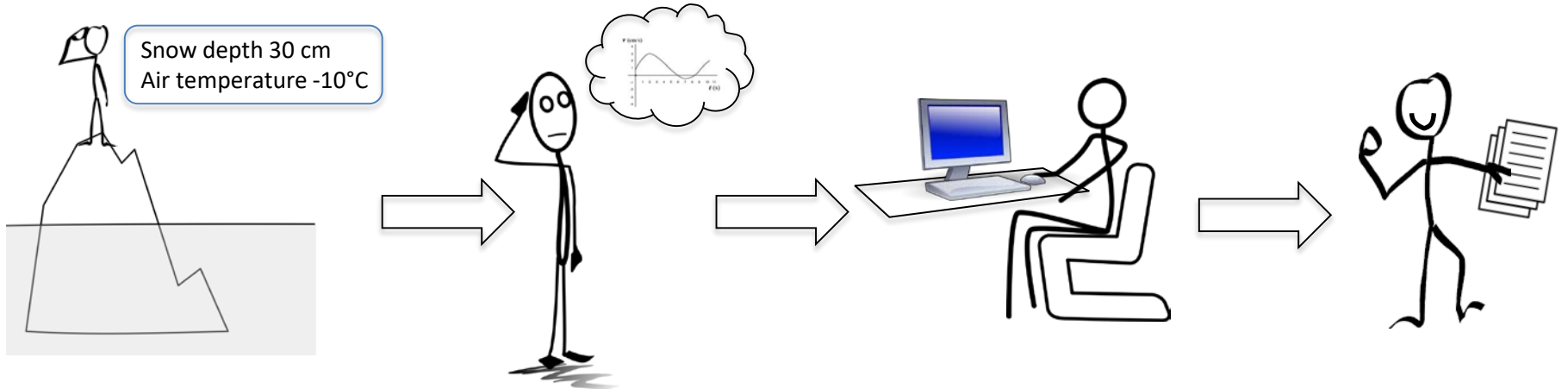


Research in a nutshell...

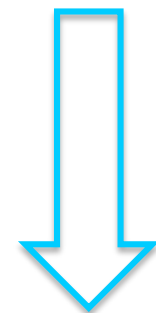
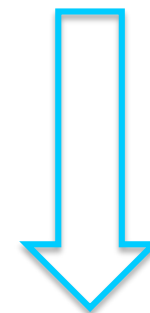
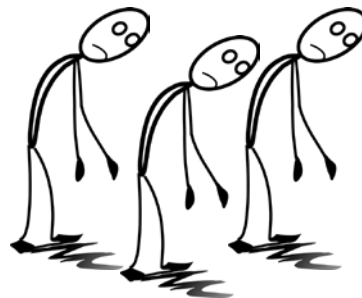




Research in a nutshell...



Other researchers



What about your data?



How to easily loose data...

1. Delete the file, no backup



2. Computer virus/Malware



3. Malfunction in software



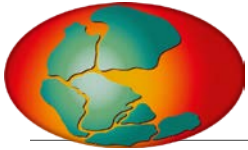
4. Theft/loss (PC/USB/ext. drive)



5. Damaged hardware

OR: just forget you ever had data

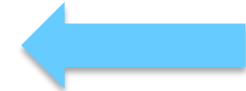




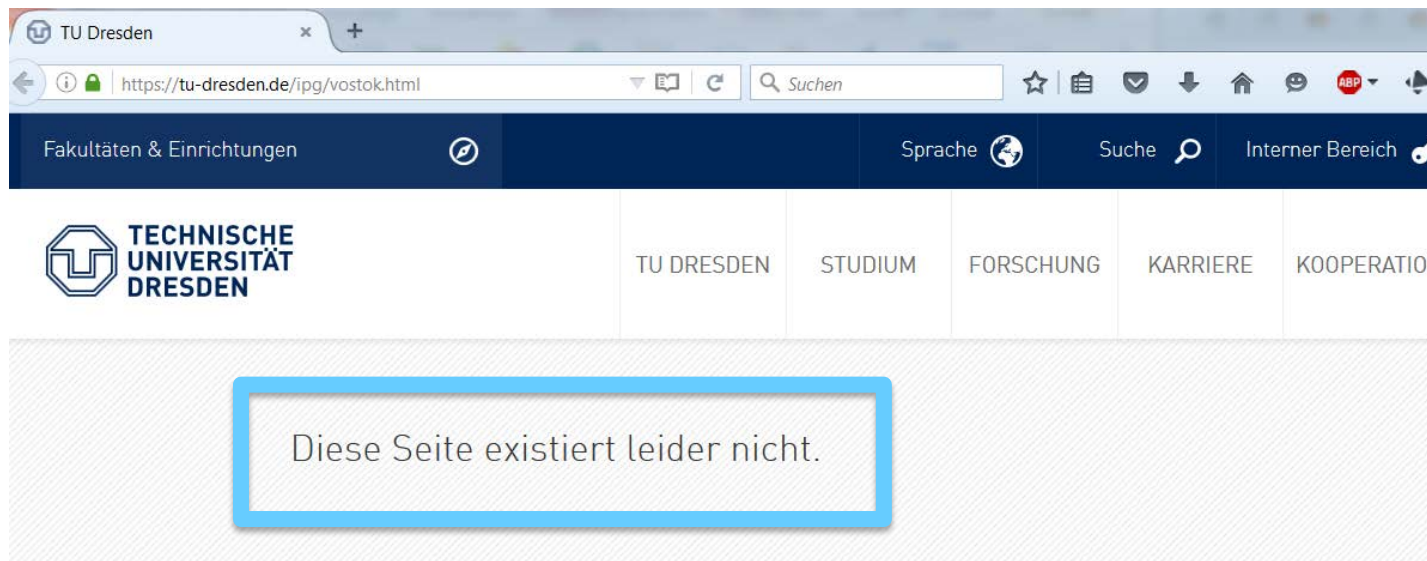
Unstable links ...



...height and for the other altimetric parameters. The DEM is also a good reference for any glaciological studies in the area. It is available to researchers on the website <http://www.tu-dresden.de/ipg/vostok.html>.



doi:10.1016/j.rse.2006.02.026



Wir entschuldigen uns für die Unannehmlichkeiten, aber die Seite, auf die Sie zugreifen möchten, ist unter dieser Adresse nicht erreichbar.

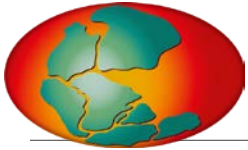
Nutzen Sie bitte unsere interne Suche, um den gewünschten Inhalt zu finden.



- PANGAEA is an **open access** Data Library for **Earth System Science data**
- 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 (*)



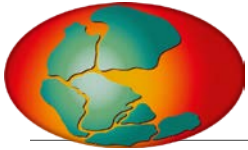
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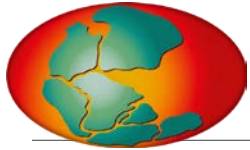


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- Data sets can be **found** via the internet and can be **downloaded directly** from the PANGAEA web page (*)

M O R A T O R I U M



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

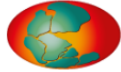
Data Types:

Label	Minerals	123	456	789	1011	1213
No.		SiO2 [%]	SiO2 [%]	Al2O3 [%]	Al2O3 [%]	Cr2O3 [%]
W215	Garnet	12	40.40	0.05	22.54	0.20
res						
W216	Garnet	12	40.64	0.03	22.56	0.38
core						
W218	Garnet	12	39.57	0.21	22.10	0.51
res						
W219	Garnet	12	40.14	0.07	22.28	0.59
core						
W280	Garnet	12	40.65	0.08	22.18	0.33
W280A	Garnet	12	39.95	0.05	21.98	0.38
W280B	Garnet	12	41.26	0.00	21.16	0.22
W280C	Garnet	12	41.64	0.06	23.27	0.14
W282	Garnet	12	39.01	0.02	22.50	0.02
res						
W282	Garnet	12	39.40	0.06	22.26	0.04
core						



Data in PANGAEA



PANGAEA.

Data Publisher for Earth & Environmental Science

<http://doi.pangaea.de/10.1594/PANGAEA.878112>

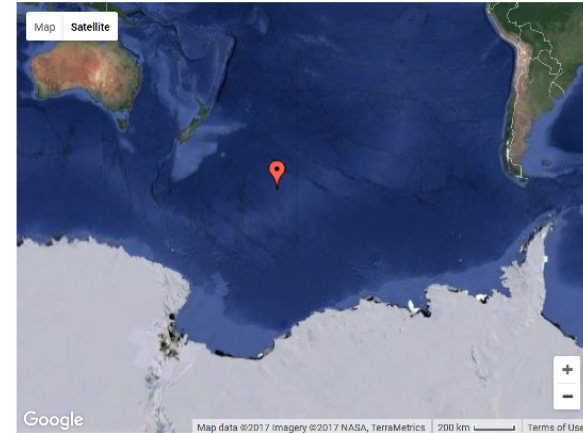
SEARCH SUBMIT ABOUT CONTACT

Citation:

Saavedra-Pellitero, Mariem; Baumann, Karl-Heinz; Lamy, Frank; Köhler, Peter (2017): (S2) Abundance of coccolithophore taxa/groups in sediment core PS75/079-2. PANGAEA, <https://doi.org/10.1594/PANGAEA.878112>,
In supplement to: Saavedra-Pellitero, M et al. (2017): Coccolithophore variability across Marine Isotope Stage 11 in the Pacific sector of the Southern Ocean and its potential impact on the carbon cycle. *Paleoceanography*, <https://doi.org/10.1002/2017PA003156>

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

- RIS Citation
- BibTeX Citation
- Text Citation
- Facebook
- Twitter
- Google+
- Show Map
- Google Earth



Project(s):

Priority Programme 1158 Antarctic Research with Comparable Investigations in Arctic Sea Ice Areas (DFG-SPP1158) [Q](#)

Coverage:

Latitude: -57.502670 * Longitude: -157.237500
 Date/Time Start: 2010-01-04T18:59:00 * Date/Time End: 2010-01-04T18:59:00
 Minimum DEPTH, sediment/rock: 15.7400 m * Maximum DEPTH, sediment/rock: 17.0200 m

Event(s):

PS75/079-2 [Q](#) * Latitude: -57.502670 * Longitude: -157.237500 * Date/Time: 2010-01-04T18:59:00 * Elevation: -3770.0 m * Recovery: 18.51 m * Location: South Pacific Ocean [Q](#) * Campaign: ANT-XXVI/2 (PS75 BIPOMAC) [Q](#) * Basis: Polarstern [Q](#) * Device: Piston corer (BGR type) (KL) [Q](#) * Comment: TC 0.67m

Parameter(s):

#	Name	Short Name	Unit	Principal Investigator	Method	Comment
1	DEPTH, sediment/rock Q	Depth	m	Saavedra-Pellitero, Mariem Q		Geocode
2	AGE Q	Age	ka BP	Saavedra-Pellitero, Mariem Q		Geocode
3	Coccolith preservation Q	Coccolith preserv		Saavedra-Pellitero, Mariem Q		P=poor, M=moderate, G=good
4	Coccoliths Q	Cocco	10 ⁶ #/g	Saavedra-Pellitero, Mariem Q	Counting, coccoliths Q	per gram sediment
5	Gephyrocapsa caribbeanica Q	G. caribbeanica	%	Saavedra-Pellitero, Mariem Q	Counting, coccoliths Q	normal

Data

Download dataset as tab-delimited text (use the following character encoding: | UTF-8; Unicode (PANGAEA default))

1	2	3	4	5	6	7	8
Depth [m]	Age [ka BP]	Coccolith preserv	Cocco [10 ⁶ #/g]	G. caribbeanica [%] (normal)	G. caribbeanica [%] (heavily calcified)	Gephyrocapsa small [%]	C. le...
15.7400	383.4 P		0.0	0.0	0.0	0.0	
15.8200	386.0 P		0.0	0.0	0.0	0.0	
15.8900	388.2 P		0.0	0.0	0.0	0.0	
15.9675	390.8 P-M		5389.2	67.1	3.2	29.5	
16.0400	393.8 P-M		47368.9	82.3	2.3	14.5	
16.1375	400.5 M		73529.7	89.7	1.1	8.8	
16.2050	405.0 M-G		62446.3	90.6	1.8	7.6	
16.2875	410.5 M		65760.3	91.9	1.7	5.8	
16.3550	414.9 M		46799.8	93.5	3.6	2.4	

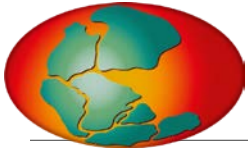


Download Data

Download dataset as tab-delimited text (use the following character encoding: | UTF-8; Unicode (PANGAEA default))

View dataset as HTML





The SPP 1158 in PANGAEA



2015: 210 Supplements

+ 23

2016: 233 Supplements

+ 7

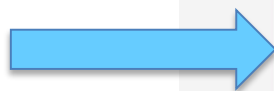
2017: 240 Supplements

- <http://www.pangaea.de/search?q=DFG-SPP1158>
- <http://www.pangaea.de> search for: DFG-SPP1158



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**Submit
Data**



Welcome to PANGAEA Data Publisher

Welcome to PANGAEA® Data Publisher. PANGAEA is open to any project or individual scientist to archive and publish data. It is a designated archive for the journal Earth System Science Data (ESSD) and various journals related to earth system research.

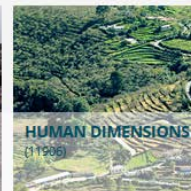
ALL TOPICS ▾

measurement type, author name, project, taxa,...



TOPICS

MAP



F
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Create Issue

Project **PANGAEA Data Archiving & Publication**

Issue Type **Data Submission**

Summary*

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

Author(s)*

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

ABSTRACT and/or further details describing the data.

Keywords

Separate keywords by comma or semicolon.

Attachment

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*

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.







Data submission form



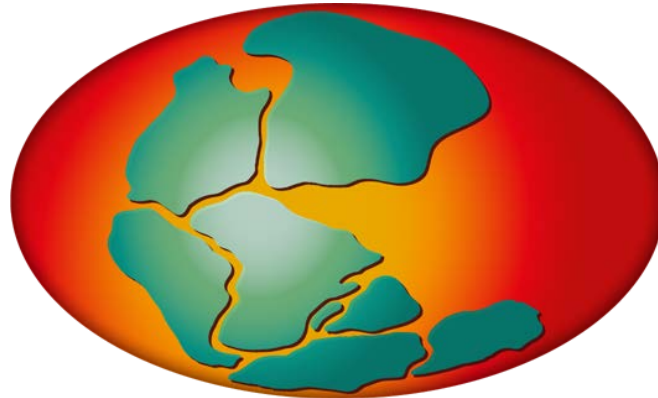
PANGAEA
Data Curator

Good reasons to publish your data

- Funders (e.g. DFG) 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/>

Yes we can!

amelie.driemel@awi.de