

VOM MEERESBODEN ZUR ATMOSPHÄRE

ISOS-course

My Data - My Publication - My Rights?

Barbara Schmidt und Hela Mehrrens
GEOMAR
Helmholtz-Zentrum für Ozeanforschung Kiel



Data

- Data life cycle
- Publication of data: When? Where? Why? How?
- How to cite data?
- Data management services and contact persons

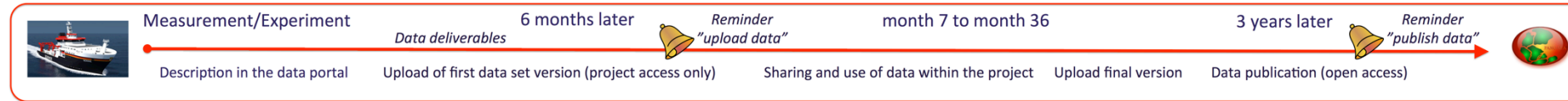
Publications

- Publication of your article: Where? How?
- Specific legal frameworks of the top journals in YOUR field for future publications
- Library services and contact persons

My data - my duties?

- DFG: Gute wissenschaftliche Praxis (10 years)
- EU: Data pilot, Data management plans
- Helmholtz: data guidelines until end of 2018
- GEOMAR: rules in your working contract
- your department: examples of best practise

Data curation process

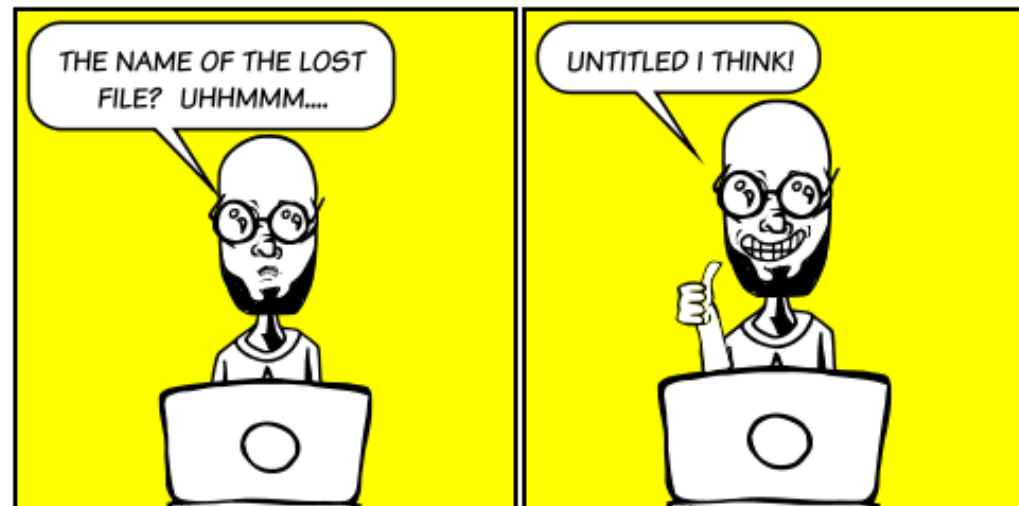


- Measurement
- Description (Metadata)
- Analysis
- Sharing
- Publication



METADATA - WHAT?

- **Where:** latitude, longitude, depth / height
- **When:** date and time in UTC!
- **How:** gear, method, cruise, lab
- **Who:** person with contact address (email)
- **Identifier:**
 - event id (from stationlist),
 - custom label only additional



toonlet.com/creator/dcannell

03 apr 09, 10:03 AM

How to exchange data in a project/ working group?

- **PORTAL:** (<https://portal.geomar.de>)
- **OSIS:** Ocean Science Information System (<https://portal.geomar.de/osis>)
- **Subversion / Git:** Versioning systems
- **FILE SYSTEMS** in working groups
- **GEOMAR cloud**

WHERE:

- Data centres: PANGAEA, GenBank, ...
- Other repositories: zenodo, dryad, ...

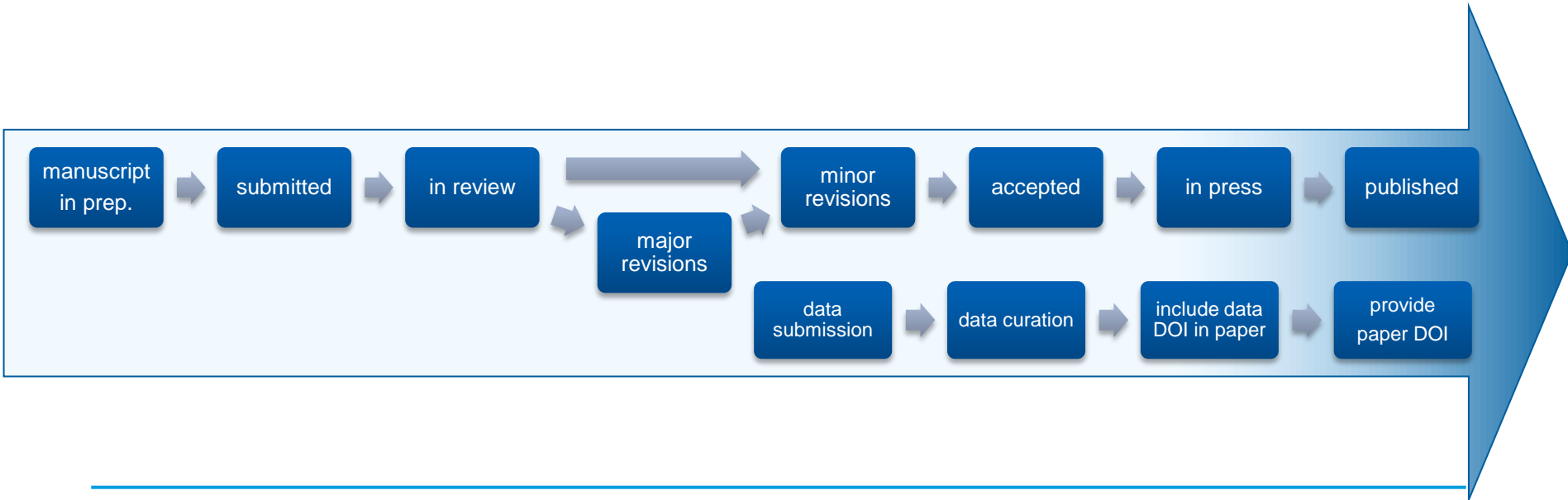
WHY:

- The publisher ask for it
- The funder ask for it
- Your impact is more visible

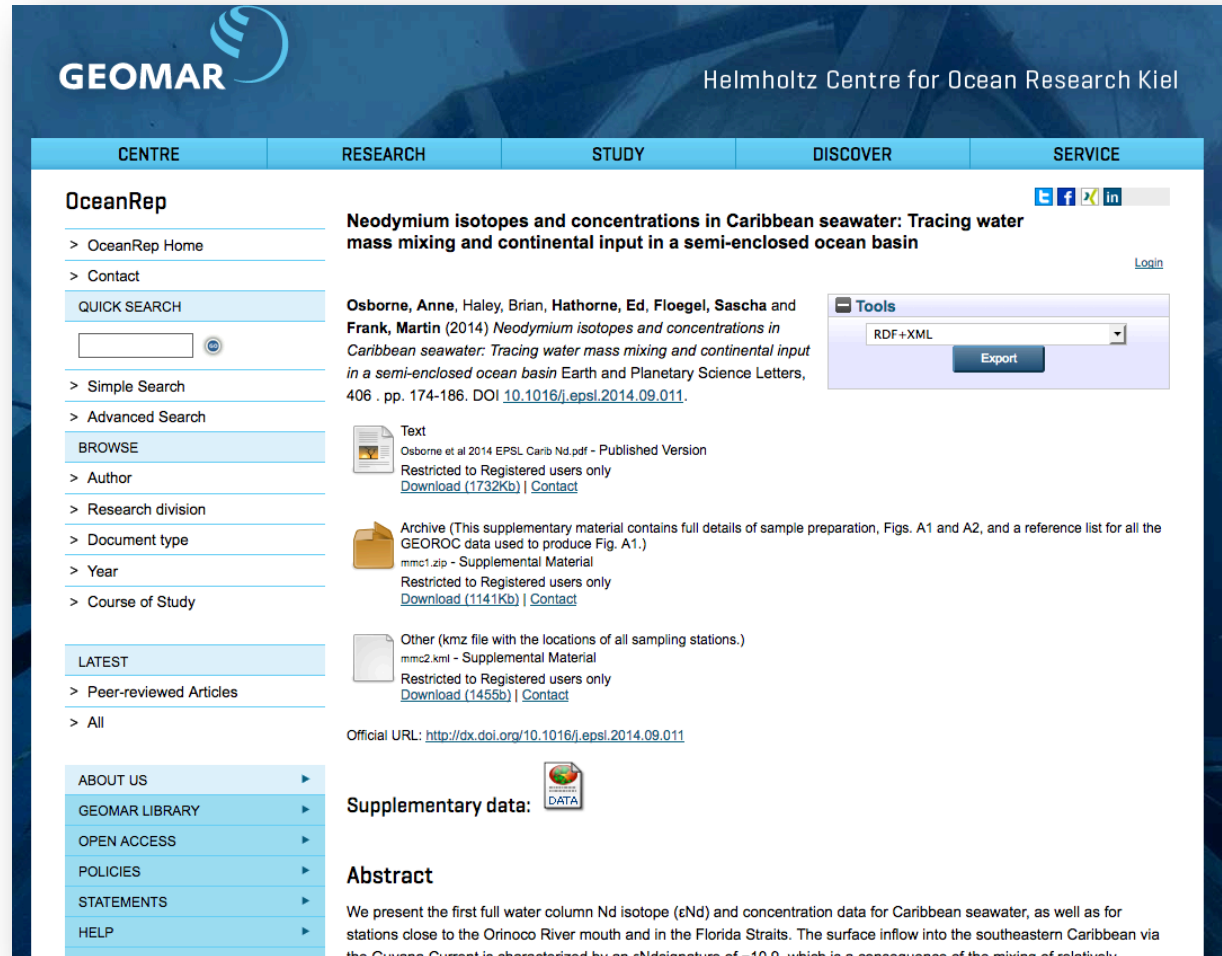
HOW:

- Tutorials on portal.geomar.de

Paper Publication Workflow: Timeline for data submission



OceanRep



GEOMAR Helmholtz Centre for Ocean Research Kiel

CENTRE RESEARCH STUDY DISCOVER SERVICE

OceanRep

- > OceanRep Home
- > Contact

QUICK SEARCH

> Simple Search

> Advanced Search

BROWSE

- > Author
- > Research division
- > Document type
- > Year
- > Course of Study

LATEST

- > Peer-reviewed Articles
- > All

ABOUT US

GEOMAR LIBRARY

OPEN ACCESS

POLICIES

STATEMENTS

HELP

Neodymium isotopes and concentrations in Caribbean seawater: Tracing water mass mixing and continental input in a semi-enclosed ocean basin

Osborne, Anne, Haley, Brian, Hathorne, Ed, Floegel, Sascha and Frank, Martin (2014) *Neodymium isotopes and concentrations in Caribbean seawater: Tracing water mass mixing and continental input in a semi-enclosed ocean basin* Earth and Planetary Science Letters, 406 . pp. 174-186. DOI [10.1016/j.epsl.2014.09.011](https://doi.org/10.1016/j.epsl.2014.09.011).


Tools: RDF+XML Export

Text
Osborne et al 2014 EPSL Carib Nd.pdf - Published Version
Restricted to Registered users only
[Download \(1732Kb\)](#) | [Contact](#)

Archive (This supplementary material contains full details of sample preparation, Figs. A1 and A2, and a reference list for all the GEOROC data used to produce Fig. A1.)
mmc1.zip - Supplemental Material
Restricted to Registered users only
[Download \(1141Kb\)](#) | [Contact](#)

Other (kmz file with the locations of all sampling stations.)
mmc2.xml - Supplemental Material
Restricted to Registered users only
[Download \(1455b\)](#) | [Contact](#)

Official URL: <http://dx.doi.org/10.1016/j.epsl.2014.09.011>

Supplementary data: 

Abstract

We present the first full water column Nd isotope (ϵNd) and concentration data for Caribbean seawater, as well as for stations close to the Orinoco River mouth and in the Florida Straits. The surface inflow into the southeastern Caribbean via the Guayana Current is characterized by an ϵNd signature of -10.9 , which is a consequence of the mixing of relatively

How to cite the data?

- **PANGAEA:**

- Blanchet, Cécile L; Frank, Martin; Schouten, Stefan (2014): Biomarker and radiogenic isotopes from sediment core POS362-2_33. doi:10.1594/PANGAEA.828054, Supplement to: Blanchet, CL et al. (2014): Asynchronous changes in vegetation, runoff and erosion in the Nile River watershed during the Holocene. *PLoS ONE*, 9, doi:10.1371/journal.pone.0115958

=> **Supplementary data: doi:10.1594/828054**

The data supplement is available at doi:10.1594/828054

- **Deposition of Sequence Data**

The sequencing projects were completed in 2013 and sequencing data was deposited in the Sequence Read Archive (SRA), metagenome assemblies as a Whole Metagenome Shotgun (WGS) projects in GenBank under the BioProject PRJNA318959.

Who is who in the data management team (KDMT)

- Hela Mehrstens: OSIS, OceanRep, bottle database, PANGAEA, ...
 - Pina Springer: Portal, CurationDIS, bathymetry, PANGAEA, ...
 - Lisa Paglialonga: tutorials, THREDDS, ...
 - Claas Faber: Jupyter Notebooks, mapping tools...
 - Carsten Schirnack: DSHIP, PostgreSQL, ProxSys, Git, ...
-
- Thilo Paul-Stüve, CAU (zentrales Forschungsdatenmanagement)
 - Dirk Fleischer, CAU (KMS – Daten- und Informationsmanagement)
 - Stella Thoben, Franziska Weng (SynFO)
 - Mirl Trösch, Axel Dennert (UniLLAP)
 - Emanuel Söding

- GEOMAR data policy
- data templates for research units

GEOMAR FE-Datenverantwortliche

| Forschungseinheit | FE-Datenverantwortliche |
|---|---|
| FB1-ME: Maritime Meteorologie | Dr. Thomas Martin |
| FB1-P-OZ: Paläo-Ozeanographie | Dr. Christopher Siebert |
| FB1-PO: Physikalische Ozeanographie | Dr. Gerd Krahnemann |
| FB1-TM: Theorie und Modellierung | Dr. Markus Scheinert |
| | |
| FB2-BM: Biogeochemische Modellierung | Dr. Iris Kriest |
| FB2-BI: Biologische Ozeanographie | Dr. Michael Meyerhöfer |
| FB2-CH: Chemische Ozeanographie | Dr. Toste Tanhua |
| FB2-MG: Marine Geosysteme | Prof. Dr. Jens Greinert |
| | |
| FB3-EV: Evolutionsökologie Mariner Fische | Dr. Till Bayer |
| FB3-EOE-N: Experimentelle Ökologie - Nahrungsnetze | Dr. Birte Matthiessen |
| FB3-EOE-B: Experimentelle Ökologie - Benthosökologie | Prof. Dr. Frank Melzner |
| FB3-MI: Marine Mikrobiologie | Beate Slaby |
| FB3-MN: Marine Naturstoffchemie | Dr. Martina Blümel |
| | |
| FB4-GDY: Marine Geodynamik | Dr. Cord Papenberg |
| FB4-MUHS: Magmatische und hydrothermale Systeme | Dr. Nico Augustin |

Letztes Update dieser Seite: 6.01.2017

Where and how do I publish?

- „Traditional“ Journals (commercial) (pay for journal to have access)
- Hybrid (= open access article in a traditional journal, additional payment for OA)
- Open Access Journals (author pays for publication of the article – everybody has access)
- „Second publication right“ (Green open access) (e.g. final draft, in repository – no costs)

What is the difference...?

Traditional (Commercial)

- ☹️ Copyright goes to publisher
- 😊 Mostly author only pays for coloured fig.(depends on publisher)
- ☹️ publishing in a traditional journal takes sometimes years
- ☹️ Doesn't meet requirements from funder
- ☹️ Less citations because limited access

Hybrid

- ☹️ Double payment: Author pays for OA-option (~3000-5000 (!) Euro per article) and people pay for journal publishing in a traditional journal takes sometimes years
- ☹️ Some funder don't accept Hybrid publications
- 😊 Free access to results of publicly funded research
- 😊 Greater visibility and citation frequency (Evaluation!)

OA

- 😊 Author keeps copyright
- ☹️ Author pays for publication (~1500 Euro per article)
- 😊 Free access to results of publicly funded research
- 😊 Greater visibility and citation frequency (Evaluation!)
- 😊 The author can decide which license
- 😊 Article is made public very quickly
- 😊 Good findability via search engines and reference services
- 😊 Open peer-review process
- 😊 Open discussion: the work is immediately published so nobody else can steal your results
- 😊 Meets requirement from funder
- 😊 Often funder refund APCs

Second publ.

- 😊 OA immediately or after embargo
- ☹️ => not easy to find out on publishers websites
- 😊 Author pays nothing
- 😊 Meets requirements from funder
- ☹️ Not final publishers version – missing volume and page numbers in pdf

Different funder have different requirements

- EU
=> open access **mandatory**
 - BMBF
=> „**should be** published on an open-access basis“
 - DFG
=> „**should be** published on an open-access basis“
 - Others?
- ⇒ Most of the funder refund the APCs for open access – ask your contact person!
⇒ Or look it up: Research Funders' Open Access Policies: <http://v2.sherpa.ac.uk/juliet/>

- EU - OpenAIRE2020 will assist in **monitoring H2020 research outputs** and will be a key infrastructure **for reporting H2020's scientific publications**
- **Others:** OpenAire plans to monitor BMBF funded publications as well

OceanRep

> [OceanRep Home](#)

> [Contact](#)

QUICK SEARCH

> [Simple Search](#)

> [Advanced Search](#)

BROWSE

> [Author](#)

> [Research division](#)

> [Document type](#)

> [Year](#)

> [Course of Study](#)

LATEST

> [Peer-reviewed Articles](#)

> [All](#)

[Directions](#) | [Contact](#) | [Sitemap](#) | [Imprint](#)

Welcome to OceanRep - GEOMAR Repository

Logged in as Barbara Schmidt | [Manage deposits](#) | [Manage records](#) | [Manage shelves](#) | [Profile](#) | [Saved searches](#) | [Review](#) | [Admin](#) | [Edit page](#) | [Logout](#)

OceanRep GEOMAR

OceanRep is an open access digital collection containing the research output of GEOMAR staff and students (GEOMAR Archive). In the Additional Archive you can find other interesting papers about marine sciences. Included are journal articles, conference papers, book chapters, theses, cruise reports and more, - with fulltext, if available.

OceanRep is managed by the GEOMAR Library and technical supported by the Kiel Data Management Team. It was co-financed by the Excellence Cluster "Future Ocean".



OceanRep supports [OA12.0](#) with a base URL of <http://oceanrep.geomar.de/cgi/oa12>

Copyright 2013 | GEOMAR Helmholtz-Zentrum für Ozeanforschung Kiel | All rights reserved
Questions, comments and suggestions regarding the GEOMAR repository are welcomed at bibliotheksleitung@geomar.de!



[ABOUT US](#) ▶

[GEOMAR LIBRARY](#) ▶

[OPEN ACCESS](#) ▶

[POLICIES](#) ▶

[STATEMENTS](#) ▶

[PRINCIPLES OF THE ARCHIVE](#) ▶

[DISCLAIMER](#) ▶

[DEPOSIT AGREEMENT](#) ▶

[HELP](#) ▶

[HELP FOR ALL USERS](#) ▶

[HELP FOR REGISTERED USERS](#) ▶

[FAQS](#) ▶

[GENERAL FAQS](#) ▶

[COPYRIGHT FAQS](#) ▶

[STATISTICS](#) ▶

Copyright Allowed

- Items must be permitted to be uploaded to an institutional repository.
 - Mostly applies to published items, e.g. articles and book chapters.
- Most publishers allow an unformatted post-review “accepted manuscript” in a repository.
 - Sherpa/RoMEO: search engine for publisher policies:
www.sherpa.ac.uk/romeo
- Need help? Ask us!

- > Research division
- > Document type
- > Year
- > Course of Study

LATEST

- > Peer-reviewed Articles
- > All

ABOUT US ▶

GEOMAR LIBRARY ▶

OPEN ACCESS ▶

POLICIES ▶

STATEMENTS ▶

HELP ▶

FAQS ▶

STATISTICS ▶

Directions | Contact | Sitemap |
Imprint

Create additional documents.

You may wish to use the [SHERPA RoMEO](#) tool to verify publisher policies before depositing.

File From URL

New document: Keine Datei ausgewählt.

Text
Testor_2003.pdf - Published Version
678Kb

Hide options

Content:

Type:

Description:

Visible to:

License:

Embargo expiry date:

Visibility after embargo:

Language:

UNSPECIFIED
Creative Commons: Attribution 4.0
Creative Commons: Attribution-No Derivative Works 4.0
Creative Commons: Attribution-Noncommercial 4.0
Creative Commons: Attribution-Noncommercial-No Derivative Works 4.0
Creative Commons: Attribution-Noncommercial-Share Alike 4.0
Creative Commons: Attribution-Share Alike 4.0
Creative Commons: Attribution-No Derivative Works 3.0
Creative Commons: Attribution 3.0
Creative Commons: Attribution-Noncommercial 3.0
Creative Commons: Attribution-Noncommercial-No Derivative Works 3.0
Creative Commons: Attribution-Noncommercial-Share Alike 3.0
Creative Commons: Attribution-Share Alike 3.0
Creative Commons: Public Domain Dedication
Software: Creative Commons: GNU GPL 2.0
Software: Creative Commons: GNU LGPL 2.1

Copyright 2013 | GEOMAR Helmholtz-Zentrum für Ozeanforschung Kiel | All rights reserved
Questions, comments and suggestions regarding the GEOMAR repository are welcomed
at bibliothek@geomar.de !

eprints

- Information about Open-Access:
<https://open-access.net/DE-EN/germany-english/>
- Publishers copyright policies: Sherpa romeo:
<http://www.sherpa.ac.uk/romeo/index.php>)
- Research Funders' Open Access Policies:
<http://v2.sherpa.ac.uk/juliet/>
- Directory of Open Access Journals:
<https://doaj.org/>
- Most important Open Access publishers for GEOMAR (with discount):
 - Copernicus (EGU) : <http://copernicus.org/>
 - MDPI: <http://www.mdpi.com/subject/environment>
 - PLOS: <https://www.plos.org/>
 - Frontiers: <https://www.frontiersin.org/>

Help with best practices for:

- General copyright issues
- Fair use
- Author rights and responsibilities
- Publishing issues/interactions with publishers
- Open Access publishing options
- Compliance with government or funder OA mandates

Who is who in the GEOMAR Library

- Barbara Schmidt: Westshore: OceanRep, Copyright, Open Access...
- Heidi Düpow: Eastshore: OceanRep, Copyright, Open Access...
- Martin Lembke: Loan, Interlibrary loan,...