

MARUM / GLOMAR Expert Course:

An introduction to the data library PANGAEA & to the access to GeoB material

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Part I

Scientific samples and marine sediment cores that were retrieved during expeditions with research vessels (e.g. R/V Meteor, R/V Maria S. Merian, R/V Sonne, R/V Poseidon) within the research activities of the Department of Geosciences Department and MARUM are stored at the GeoB Core Repository at MARUM. The introduction will address the following topics:

- How to get access to the GeoB-sample material
- Where to find and how to cite cruise reports
- How to acknowledge allocation of sample material

Part II

[PANGAEA](#) is a data library for national and international projects related to earth system research. Scientists at the Center for Marine Environmental Sciences (MARUM) and the Alfred Wegener Institute for Polar and Marine Research (AWI) are obliged to make their data available through PANGAEA.

PANGAEA is aimed at archiving, publishing and distributing georeferenced data from geoscientific and environmental research. Following the Creative Commons License, data is in Open Access and can be used by referencing the related publication or the dataset citation. Data under moratorium can be password protected. The description of each data set is always visible and includes the principle investigator (PI) to ask for access. Each dataset can be persistently identified, shared, published and cited by using a Digital Object Identifier ([DOI](#)). Data are archived as supplements to publications or as citable data collections. Citations are available through the catalogue of the German National Library of Science and Technology ([GetInfo](#)) and are distributed via various portals, catalogues and search engines.

The goal of this course is to give an overview of PANGAEA. The participants will learn how to provide data to the curator for upload and how to find and use geoscientific data published in PANGAEA by other scientists.

Schedule

09:00-09:45	Introduction to the access to GeoB material (Part I)
09:45-11:15	Overview – What is PANGAEA? (Part II)
11:15-11:45	Coffee Break
11:45-13:15	Examples – What PANGAEA can do for you

Location

MARUM, University of Bremen, 28359 Bremen, Germany, Room 2060

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Please send a mail to Christina Klose (glomar-courses@marum.de). Please give your name, status (PhD student, Postdoc or Master Student), institute / university and research area / working group as well as your field of study.