PANGAEA - Network for Geological and Environmental Data is a public digital library for data which can be georeferenced in time and space. Data are accessible on the Internet with different clients.

The Pangavista search engine is provided to search for data by author, project, parameter or any other given keyword.

ART - the Advanced Retrieval Tool - designed for mining in comprehensive data collections, archived in a consistent format.

The PANGAEA Internet Mapper can be used for the retrieval and download of georeferenced data.

Example from Geology
Chemical, sedimentological, physical and paleontological data of sediment cores from the Cape Roberts Project

Example from Oceanography
Hydrographic Atlas of the Southern Ocean consists of 38814 single profiles (Olbers et al., 1992)

Example from Glaciology
Geochemical data of an ice core from the EPICA Project

With PANGAEA the AWI as a member of the Helmholtz Association and MARUM at the University of Bremen provide a large-scale infrastructure to the scientific community in cooperation with national and international partners and projects funded by BMBF, DFG and DG Research of the European Commission.

AWI and MARUM are operating the World Data Center for Marine Environmental Sciences (WDC-MARE), which uses PANGAEA as its information system.

Scientists and projects are encouraged to contribute with data to PANGAEA.

International Reference Projects contributing with scientific primary data to PANGAEA

Cape Roberts Project (CRP)
Joint Global Ocean Flux Studies (JGOFS)
The Iron Enrichment Experiments (EISENEX)
European Project for Ice Coring in Antarctica (EPICA)
International Marine Global Change Study (IMAGES)
Research Center Ocean Margins (RCOM)

Example from Biology
Archive of underwater imaging consists of georeferenced fotos from the sea floor of the Antarctic Ocean

Example from Glaciology
Geochemical data of an ice core from the EPICA Project

Example from Oceanography
Hydrographic Atlas of the Southern Ocean consists of 38814 single profiles (Olbers et al., 1992)