

PANGAEA® - Data Publisher for Earth and Environmental Science

Stefanie Schumacher, Amelie Driemel, Hannes Grobe, Rainer Sieger
Alfred Wegener Institute - Helmholtz Center for Polar and Marine Research, Bremerhaven,
Germany

PANGAEA - Data Publisher for Earth & Environmental Science (www.pangaea.de) is an Open Access data-library aimed at archiving, publishing and distributing georeferenced data from earth and environmental science. The development of the system started with the beginning of the Internet and since then offers data curation services to national and international projects, institutes and individual scientists. The World Data Center PANGAEA is member of the World Data System (WDS) of the International Council for Science (ICSU).

Observational and analytical data files are stored together with their metadata in a relational database. Each data set includes a bibliographic citation and is persistently identified using a Digital Object Identifier (DOI). Data are archived as a supplement related to an article or as an independent citable data-publication. PANGAEA is a recommended repository for supplements in several hundred journals related to earth system research.

PANGAEA currently provides more than 368 000 data set, consisting of >12 billion data points. This includes important collections from international Antarctic and Arctic research programs, e.g. the Cape Roberts Project, ANDRILL, EPICA project, and data of the first and last International Polar Year (IPY 1882-1883 and 2007-2008). Additionally, the full data amount of combined high and low latitude research projects, e.g. JGOFS, WOCE, DSDP/ODP/IODP and German expeditions are archived and published.

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