

## FAIR bathymetry data archiving in PANGAEA - Data Publisher for Earth & Environmental Science

Compliant with the FAIR data principles<sup>1</sup>, long-term archiving of bathymetry data from multibeam echosounders –a highly added value for the data life cycle - is the challenging task in the data information system PANGAEA. To cope with the increasing amount of data (“bathymetry puzzle pieces”) acquired from research vessels and the demand for easy “map-based” means to find valuable data, new semiautomated processes and standard operating procedures (SOPs) for bathymetry data publishing and simultaneous visualization are currently developed and implemented, anchored in the O2A - Data Flow Framework from Sensor Observations to Archives<sup>2</sup>. This research is part of the “Underway Research Data” project, an initiative of the German Marine Research Alliance (Deutsche Allianz Meeresforschung e.V., DAM).

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**Sitzung Einordnung:** Poster session