MOSAiC data

MOSAiC datasets are published in agreement with FAIR (findable, accessible, interoperable and reusable) data publication rules. Final datasets und data products are deposited in data repositories.

Data repositories host datasets, provide a standardized meta-dataset and assign unique digital object identifiers (DOIs) - datasets published in repositories don't change anymore. That means a published status of the data is fixed and citeable. The datasets are reviewed and typically processed and ready to use for analysis.

The *main MOSAiC* data repository is PANGAEA. Following national funding agencies require depositing MOSAiC data in a special national repository - the Atmospheric Radiation Measurement (ARM) data center, the Arctic Data Center, UK Polar Data Centre (UK PDC), and the Centre for Environmental Data Analysis (CEDA).

Genomic data is not deposited in data repositories mentioned above rather than in genome data bases and bio-information systems.

Please find below links to the resources mentioned above (note: future additions of the link list possible).

Main MOSAiC data repository:

PANGAEA

https://www.pangaea.de/?q=project:label:MOSAiC

National repositories:

Atmospheric Radiation Measurement (ARM) data center

https://adc.arm.gov/discovery/#/results/site_code::mos

Arctic Data Center

https://arcticdata.io/catalog/data

UK Polar Data Centre (UK PDC)

https://www.bas.ac.uk/data/uk-pdc/

Centre for Environmental Data Analysis (CEDA)

https://www.ceda.ac.uk/

Genomic data:

Joint Genome Institute Data Portal

https://data.jgi.doe.gov/search?q=MOSAiC&x=40

Library Of Medicine

https://www.ncbi.nlm.nih.gov/bioproject?term=%22MOSAiC%22+AND+Expedition+Arctic&cmd=DetailsSearch