Name:	Chilean Bathymetric Compilation for SZ4D Project
Resolution:	100m and 500m
Coordinate System:	WGS 1984
Pixel Type:	short
Pixel Depth:	16 bit
No Data Value:	-32767
Compression:	LZW

Originally made:	September 2025
Updated:	May 2026

Description	Year published	Year collected	Cruise (if any)	Contributor Organization	Contributor Country	Source	DOI (if any)	
PANGAEA Datasets								
Multibeam bathymetry processed data (Kongsberg EM122 entire data set) of R/V SONNE during cruise SO261, Atacama Trench, South Pacific Ocean	2024	2018	SO261	GEOMAR	Germany	https://doi.org/10.1594/PANGAEA.97302	10.1594/PANGAEA.973026	
GMRT								
GMRT 4.4.1 piece that corresponds with the area of interest	2026	-	-	GMRT	USA	GMRT Tile Generation	-	
Among the datasets part of GMRT that are contributing data in the region:								
Multibeam Compilation (Weinrebe and Hasert, 2012)	2012	-	-	GEOMAR	Germany	https://www.marine-geo.org/tools/search/Files.php?data%5fset%5fuid=20072 In GMA, it can be found under Datalayers > Bathymetry and Land Topography > Bathymetry - By Region > Pacific Ocean > Peru-Chile Trench	10.1594/IEDA/320072	
Cruise MV1005		2010	MV1005	Scripps	USA	https://www.ngdc.noaa.gov/ships/melville/MV1005_mb.html		Extra - R2R Link: https://www.rvdata.us/search/cruise/MV1005
GEBCO 2026								
GEBCO 2026 Grid	2026			GEBCO	International	https://www.gebco.net/data-products/gridded-bathymetry-data		

Note: Only direct measurement coverage of the GEBCO 2026 Grid was used. This was done by using the GEBCO 2026 TID Grid (TID's 10-17) as a mask on the original GEBCO 2026 DEM Grid.

Note: Minor editing was performed to remove some very deep/erroneous depth values

Data from SHOA (Chile) - NOT INCLUDED IN THIS COMPILATION