

Dataset name	Description	Resolution	Reference
GEBCO 2014	Global topography and bathymetry	30 arcsec	Weatherall et al. (2015)
Average soil and sedimentary deposit thickness	A gridded global dataset of soil, intact regolith, and sedimentary deposit thicknesses for regional and global land surface modelling; max. estimated depth is 50 m.	30 arcsec	Pelletier et al. (2016)
PCR-GLOBWB	Thickness of the groundwater layer from the global model (5 arcmin)	5 arcmin	de Graaf et al. (2015)
GLIM	Global Lithological Map – Rock types of the Earth surface (16 basic classes), more than 1 200 000 polygons	vector	Hartmann and Moosdorf (2012)
Natural Earth coastline	Global coastline	vector	Natural Earth (2017)