

GENERAL INFORMATION	
Parameter name	Land surface temperature
Name of the layer in EGD Map Viewer	Land surface temperature, Vienna
Original name of the layer uploaded to EGD database	PP01_GBA_land_surface_temp
Category	Resources for closed-loop systems
Definition	Temperature of the land surface on the top canopy layer
Harmonized unit	°C
Relevance for shallow geothermal energy	Mean annual surface temperature derived from infrared satellite data. If available, these datasets are calibrated and validated by soil temperature measurements.
Data type	Continuous data layer
Data format	raster
Projection	EPSG: 3034
Dataset selected for pilot area	Bratislava, Vienna , Zagreb, Prague, Cork, Linköping, Ljubljana, Brussels, Girona

ATTRIBUTES	
Unit	°C

DATA SOURCE	
Pilot area	Vienna
Data source	https://doi.org/10.3390/rs6053822
Contact data owner	Cornelia.Steiner@geologie.ac.at
Last Update	13.04.2021

Explanatory text English
Mean annual land surface temperature from MODIS data set provided by Metz M, Rocchini D, Neteler M. Surface Temperatures at the Continental Scale: Tracking Changes with Remote Sensing at Unprecedented Detail. <i>Remote Sensing</i> . 2014; 6(5):3822-3840. https://doi.org/10.3390/rs6053822

Explanatory text national language	
Language	<enter language name in English>
Jährliche mittlere Oberflächentemperatur der MODIS Daten zur Verfügung gestellt von Metz M, Rocchini D, Neteler M. Surface Temperatures at the Continental Scale: Tracking Changes with Remote Sensing at Unprecedented Detail. <i>Remote Sensing</i> . 2014; 6(5):3822-3840. https://doi.org/10.3390/rs6053822	