

GENERAL INFORMATION	
Parameter name	Land surface temperature
Name of the layer in EGD Map Viewer	Land surface temperature, Ljubljana
Original name of the layer uploaded to EGD database	PP09_GeoZS_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	Ljubljana
Data source	http://www.geodati.fmach.it/eurolst.html , http://dx.doi.org/10.3390/rs6053822
Contact data owner	epeitclerc@naturalsciences.be
Last Update	29/10/2020

Explanatory text English
MODIS Land Surface Temperature Dataset, at 250 m pixel resolution. Temperature set is added +1°C based on average values from meteorological station observation (Ljubljana Bežigrad). http://www.geodati.fmach.it/eurolst.html

Explanatory text national language	
Language	Slovenian
Temperatura na površju pridobljena z MODIS satelitom. Ločljivost 250 m. Podatkovni set temperatur je povišan za 1 °C glede na izvirne podatke in temelji na povprečnih podatkih pridobljenih iz meterološke postaje Ljubljana Bežigrad. http://www.geodati.fmach.it/eurolst.html	