GENERAL INFORMATION

Parameter name	**Land surface temperature**
Name of the layer in EGDI Map Viewer	Land surface temperature, Prague
Original name of the layer uploaded to EGDI database	PP05_CGS_land_suface_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	Prague
Data source	http://www.geodati.fmach.it/eurolst.html, http://dx.doi.org/10.3390/rs6053822
Contact data owner	jaroslav.rihosek@geology.cz
Last Update	27/01/2021

Explanatory text English
MODIS Land Surface Temperature Dataset, at 250 m pixel resolution. The temperature is increased by 1°C to match the temperature of the earth's surface. http://www.geodati.fmach.it/eurolst.html

Explanatory text national language	
Language	czech
Datová sada MODIS Land Surface Temperature, při rozlišení 250 m na pixel. Teplota je navýšena o 1 °C, aby odpovídala teplotě zemského povrchu. http://www.geodati.fmach.it/eurolst.html	