Normalized Impervious Surface
UHI Indicator

Impervious surface percentage can be used as a UHI indicator. In this case we used Google Earth Engine and collected the Sentinel-1 and Sentinel-2 Class 50 (built up areas) data from their ESA Worldcover 2020 dataset. The resolution of the collected data is 10m.

UHI Indicators

Normalized Impervious Surface

- 0 - 0
- 0 - 0.051
- 0.051 - 0.157
- 0.157 - 0.378
- 0.378 - 1

Bila Nisa

0   1   2 km

0   250   500 m

Jablonec nad Nisou, Bílá Nisa stream
EPSG:5514 - S-JTSK / KROVAK EAST NORTH