Road & Railway Network Density Dataset in the Belt and Road and Surround Region in 1km Resolution (2016)

The road & railroad network density is one of the key indexes of regional economic development, and it is also the fundamental element information of implementing the facilities connectivity. Based on the real-time updated OpenStreetMap road data, by calculating the total road long in meters in each km², the road density raster data in the Belt and Road and surround region, including Asia, Europe, Africa, Australia and New Zealand was calculated. By the similar method, the railway density data was developed with GIS superposition analysis. The dataset is achieved in .rdd format, and the data size is 2.88GB for road density and 1.67GB for railway density (158MB for compressed data size).