

**Released Work:** ItalyRail.atlas

**Author:** Alessandro Furieri (2012) <[a.furieri@lqt.it](mailto:a.furieri@lqt.it)>

**License:** this work is released under the CC-BY-SA terms.

**Charset Encoding:** UTF-8

**Coordinate Reference System:** EPSG 4326 "WGS 84"

**Included vector datasets:**

- **Towns:** about 20.000 populated places are represented.  
The original source for this dataset is [GeoNames](#) (released under the CC-BY license terms).
- **AdminAreas:** a comprehensive map of Italian administrative boundaries: 20 Regions, 110 Counties and about 8.000 Local Councils are represented.  
The original source for this dataset is [Istat](#) (released under the CC-BY license terms).  
Regions and Counties Coat-of-Arms are taken from [Wikipedia](#) (and usually are in the Public Domain).
- **Railways** (30.000 arcs) and **RailwayStations** (2.600 points) are taken from [OSM/GeoFabrik](#) (released under the CC-BY-SA license terms)

**Included raster datasets:**

- **Satellite** imagery: this actually corresponding to [TrueMarble](#) (released under the CC-BY license terms).  
TrueMarble is a selected mosaic of orbital images taken from Landsat7 NASA/USGS satellite. Supported resolution is 250m/pixel.
- **Relief** imagery: this actually corresponding to [SRTM](#) Digital Elevation Model. (Public Domain).  
The original measured elevations were produced by the NASA/USGS Space Shuttle Radar Topography Mission.  
This dataset has a spatial resolution of 90m/pixel.  
Actual imagery was then obtained by the Author itself by applying false colours and shaded relief rendering techniques.