

Released Work: Piemonte.atlas

Author: Alessandro Furieri (2012) <a.furieri@lqt.it>

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

Charset Encoding: UTF-8

Coordinate Reference System: EPSG 32632 "WGS 84 / UTM zone 32N"

Included vector datasets:

- **Towns:** about 1.700 populated places are represented.
The original source for this dataset is [GeoNames](#) (released under the CC-BY license terms).
- Any other dataset was taken from [Regione Piemonte](#) (released under the CC-BY license terms).
Regions and Counties Coat-of-Arms are taken from [Wikipedia](#) (and usually are in the Public Domain).
 - **AdminAreas:** about 1.200 administrative boudaries (Counties and Local Councils)
 - **CulturalHeritage:** about 70 POIs
 - **Lakes:** about 200
 - **Rivers:** about 4,100
 - **NaturalReserves:** about 110
 - **Highways:** about 23.000 road arcs
 - **Railways:** about 190 railway arcs
 - **RailwayStations:** about 400 POIs
 - **TownAreas:** about 1.000 footprints

Included raster datasets:

- **Satellite** imagery: this actually corresponding to [Landsat panchromatic band](#) (relased on the Public Domain).
i.e. it's a mosaic of selected orbital scenes taken from Lansat-7 NASA/USGS satellite.
Supported resolution is 15m/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. Cordinates reprojection from 4326 WGS84 to 32632 WGS84 / UTM zone 32N was applied using the *gdalwarp* open source tool.