

Land Info offers a variety of digital topographic map & nautical chart data and satellite imagery products of Italy including DEMs (Digital Elevation Models), bathymetry and vector layers such as contours, hydrology & transportation/roads. All data is delivered in industry standard file formats such as GeoTiff, NITF, ER Mapper .ecw, LizardTech MrSID .sid, JPG2000 .jp2, Idrisi .rst, ERDAS .img, ESRI .shp shapefile or .mdb GeoDatabase, AutoCAD .dxf or .dwg, MicroStation .dgn, MapInfo MIF/MID/TAB, USGS ASCII .dem, ARC ASCII GRID, DTED and .bil (other formats available upon request). All data includes customer choice of projection. Contact us for educational and volume purchase discounts. Please note that due to copyright restrictions some map products are only available in their original printed format.



**Digital topographic maps available as DRGs (Digital Raster Graphics), vector layers and/or DEMs (Digital Elevation Models: 20m - 90m resolution):**

- Full coverage of Italy via 992 Russian military 1:50,000 topographic maps
- Full coverage of Italy via 278 National 1:100,000 topographic maps
- Full coverage of Italy via 301 Russian military 1:100,000 topographic maps
- Full coverage of Italy via 94 Russian military 1:200,000 topographic maps
- 25% coverage of Italy via 20 US NGA 1:250,000 topographic maps
- Full coverage of Italy via 39 National 1:250,000 topographic maps
- Near-full coverage of Italy via 6 US 1:500,000 TPC aeronautical topographic maps
- Full coverage of Italy via 4 US 1:1,000,000 ONC aeronautical topographic maps

Italy	
Land area .....	294,140 sq km
Water area .....	7,200 sq km
Total area .....	301,340 sq km
Land boundaries .....	1,899 km
Coastline .....	7,600 km
Lowest point .....	Mediterranean Sea 0
Highest point .....	Mont Blanc 4,807 m

**Large-scale (detailed) city mapping available as DRGs (Digital Raster Graphics), vector layers and/or DEMs (Digital Elevation Models: 5m - 10m resolution):**

- Ancona – 1 Russian military 1:10,000 topographic City Plan map
- Augusta – 1 Russian military 1:10,000 topographic City Plan map
- Bari – 1 Russian military 1:10,000 topographic City Plan map
- Benevento – 1 Russian military 1:10,000 topographic City Plan map
- Bologna – 2 Russian military 1:10,000 topographic City Plan maps
- Bolzano – 1 Russian military 1:10,000 topographic City Plan map
- Brescia – 1 Russian military 1:10,000 topographic City Plan map
- Brindisi – 1 Russian military 1:10,000 topographic City Plan map
- Cagliari – 1 Russian military 1:10,000 topographic City Plan map
- Catania – 1 Russian military 1:10,000 topographic City Plan map
- Catanzaro – 1 Russian military 1:10,000 topographic City Plan map

## Italy (continued)

Como – 1 Russian military 1:10,000 topographic City Plan map  
Cosenza – 1 Russian military 1:10,000 topographic City Plan map  
Cremona – 1 Russian military 1:10,000 topographic City Plan map  
Ferrara – 1 Russian military 1:10,000 topographic City Plan map  
Florence (Firenze) – 2 Russian military 1:10,000 topographic City Plan maps  
Genoa (Genova) – 2 Russian military 1:10,000 topographic City Plan maps  
Gorizia – 1 Russian military 1:10,000 topographic City Plan map  
La Spezia – 1 Russian military 1:10,000 topographic City Plan map  
Lecce – 1 Russian military 1:10,000 topographic City Plan map  
Leghorn (Livorno) – 1 Russian military 1:10,000 topographic City Plan map  
Lucca – 1 Russian military 1:10,000 topographic City Plan map  
Mantua (Mantova) – 1 Russian military 1:10,000 topographic City Plan map  
Messina – 1 Russian military 1:10,000 topographic City Plan map  
Milan (Milano) – 4 Russian military 1:10,000 topographic City Plan maps  
Modica – 1 Russian military 1:10,000 topographic City Plan map  
Monza, Lissone – 1 Russian military 1:10,000 topographic City Plan map  
Naples (Napoli), Portici – 4 Russian military 1:10,000 topographic City Plan maps  
Novara – 1 Russian military 1:10,000 topographic City Plan map  
Padua (Padova) – 1 Russian military 1:10,000 topographic City Plan map  
Palermo – 2 Russian military 1:10,000 topographic City Plan maps  
Parma – 1 Russian military 1:10,000 topographic City Plan map  
Pavia – 1 Russian military 1:10,000 topographic City Plan map  
Perugia – 1 Russian military 1:10,000 topographic City Plan map  
Pesaro – 1 Russian military 1:10,000 topographic City Plan map  
Pescara – 1 Russian military 1:10,000 topographic City Plan map  
Piacenza – 1 Russian military 1:10,000 topographic City Plan map  
Pisa – 1 Russian military 1:10,000 topographic City Plan map  
Prato – 1 Russian military 1:10,000 topographic City Plan map  
Ravenna – 1 Russian military 1:10,000 topographic City Plan map  
Reggio di Calabria – 1 Russian military 1:10,000 topographic City Plan map  
Reggio nell'Emilia – 1 Russian military 1:10,000 topographic City Plan map  
Rimini – 1 Russian military 1:10,000 topographic City Plan map  
Rome (Roma) – 4 Russian military 1:10,000 topographic City Plan maps  
Sassari – 1 Russian military 1:10,000 topographic City Plan map  
Siena – 1 Russian military 1:10,000 topographic City Plan map  
Syracuse (Siracusa) – 1 Russian military 1:10,000 topographic City Plan map  
Taranto – 1 Russian military 1:10,000 topographic City Plan map  
Trapani – 1 Russian military 1:10,000 topographic City Plan map  
Trento – 1 Russian military 1:10,000 topographic City Plan map  
Treviso – 1 Russian military 1:10,000 topographic City Plan map  
Trieste (Triest), Muggia – 2 Russian military 1:10,000 topographic City Plan maps  
Turin (Torino) – 4 Russian military 1:10,000 topographic City Plan maps  
Udin – 1 Russian military 1:10,000 topographic City Plan map  
Venice (Venezia) – 1 Russian military 1:10,000 topographic City Plan map  
Vercelli – 1 Russian military 1:10,000 topographic City Plan map  
Verona – 2 Russian military 1:10,000 topographic City Plan maps  
Vicenza – 2 Russian military 1:10,000 topographic City Plan maps

## Italy (continued)

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### **Off-shelf global data of Italy—low-cost, rapid delivery:**

Italy VMAP-0 – US NGA 1:1,000,000 vector mapping

Italy SRTM3 – Shuttle Radar Topography Mission 3 arc second (ca. 90m) resolution DEMs

Italy SRTM30 – the earlier GTOPO30 30 arc second (ca. 1km) resolution worldwide DEM dataset enhanced with reduced resolution SRTM where available

Italy GeoCover 1990 30m resolution 7-4-2 Landsat 5 ortho imagery

Italy GeoCover 2000 15m resolution 7-4-2 Landsat 7 ortho imagery

### **Satellite imagery:**

High-resolution satellite imagery including GeoEye Ikonos 1m & GeoEye-1 50cm, Astrium Pléiades 50cm, DigitalGlobe QuickBird 60cm, WorldView-1 50cm & WorldView-2 50cm of Italy

Medium-resolution satellite imagery for cost-effective large-area coverage including Astrium GEO-Information Services SPOT Image 1.5m - 20m & SPOTMaps, ALOS 2.5m - 10m, RapidEye 5m, ASTER 15m, DEIMOS 22m and Landsat 15m - 30m of Italy

### **Image processing, vector feature extraction, classification and terrain modeling:**

Image processing services including orthorectification, tonal balancing, mosaic output, pan-sharpening, band manipulation, natural color simulation, 16- to 8-bit scaling/DRA (Dynamic Range Adjustment), cloud-patching, atmospheric correction, wavelet compression, GPS GCP (Ground Control Point) target location and accuracy assessment

Classification services including land-use, land-cover, vegetation and impervious surface mapping

2d vector feature extraction including roads/transportation, hydrology and building footprints

3d terrain modeling via auto-correlation and photogrammetric methods using stereo satellite imagery including high-res (Ikonos, GeoEye-1, WorldView-1 & WorldView-2--up to 1m post spacing), ALOS (10m post spacing), SPOT Image (20m post spacing), ASTER (30m post spacing) or radar (10m post spacing); Intermap DEMs (5m post spacing) from airborne radar are also offered of select locations. 3d building models with customer choice of LOD (Level of Detail) are extracted from stereo or off-nadir imagery

**Contact us** with your AOI (Area of Interest) for a scene search to determine if the imagery you need is already in archive or has to be custom-acquired.

## **LAND INFO Worldwide Mapping, LLC**

Founded in 1993, LAND INFO Worldwide Mapping, LLC (Land Info) maintains one of the world's largest commercial archives of digital and paper topographic map and nautical chart data. Complemented by a variety of high-resolution and medium-resolution satellite imagery products, our total focus on data enables us to deliver high-quality solutions with rapid turn-around at competitive prices.

The markets we serve include mapping and geographic information systems (GIS), academia, national security and defense, visualization/simulation, aviation, wireless communications and other utilities, mining, oil & gas, conservation, hydrology, civil and environmental engineering, conservation, humanitarian assistance, land surveying, development, fleet management, mass media and motion pictures, among others.

## Italy (continued)

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