**Coordinate Reference System (CRS) Italy**

|  |  |  |
| --- | --- | --- |
| **National** | | |
| Datum |  | WGS 84 / UTM zone 32N |
| type | geodetic |
| valid area | Italy |
| Prime meridian |  | Greenwich |
| longitude | 0 |
| Ellipsoid |  | WGS 84 |
| semi major axis | 6378137 |
| inverse flattening | 298.257223563 |
| Projection |  | Transverse Mercator |
| latitude of origin | 0 |
| longitude of origin | 9 |
| latitude of 1st standard parallel |  |
| latitude of 2nd standard parallel |  |
| scale factor at origin | 0.9996 |
| false easting | 500000 |
| false northing | 0 |
| EPSG-Code | 32632 | |
| Software | ArcGIS 10.2 | |
| **European** | | |
| Datum |  | ETRS89 (European Terrestrial Reference System 1989) |
| type | geodetic |
| valid area | Europe / EUREF |
| Prime meridian |  | Greenwich |
| longitude | 0° |
| Ellipsoid |  | GRS 1980 |
| semi major axis | 6 378 137 m |
| inverse flattening | 298.257222101 |
| Projection |  | Geographic (Ellipsoidal Coordinate System) |
| **Datum shift parameters used** | | |
| Operation method |  | Geocentric translations |
| geocentric X translation | 0 |
| geocentric Y translation | 0 |
| geocentric Z translation | 0 |
| rotation X-axis |  |
| rotation Y-axis |  |
| rotation Z-axis |  |
| correction of scale |  |
| EPSG-Code | 1149 | |
| Software | ArcGIS 10.2 | |