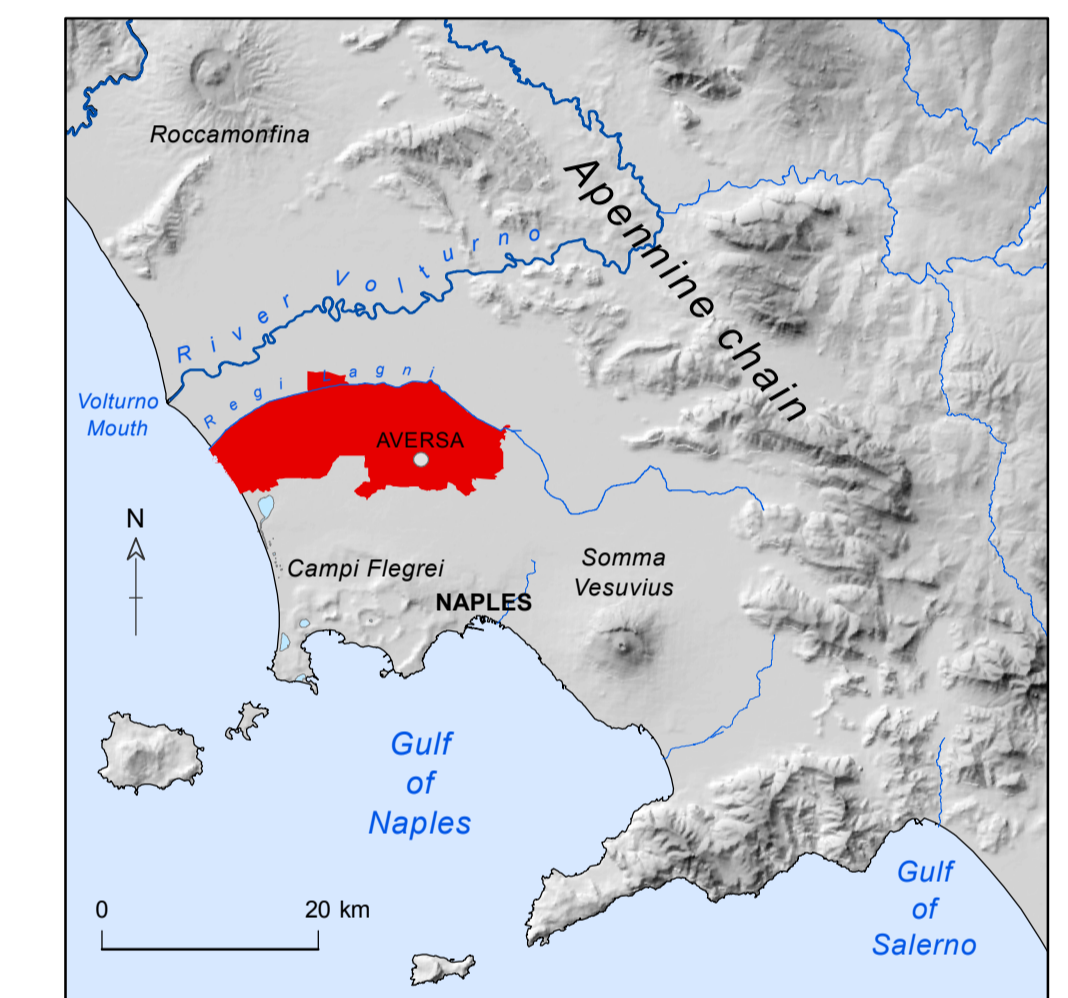
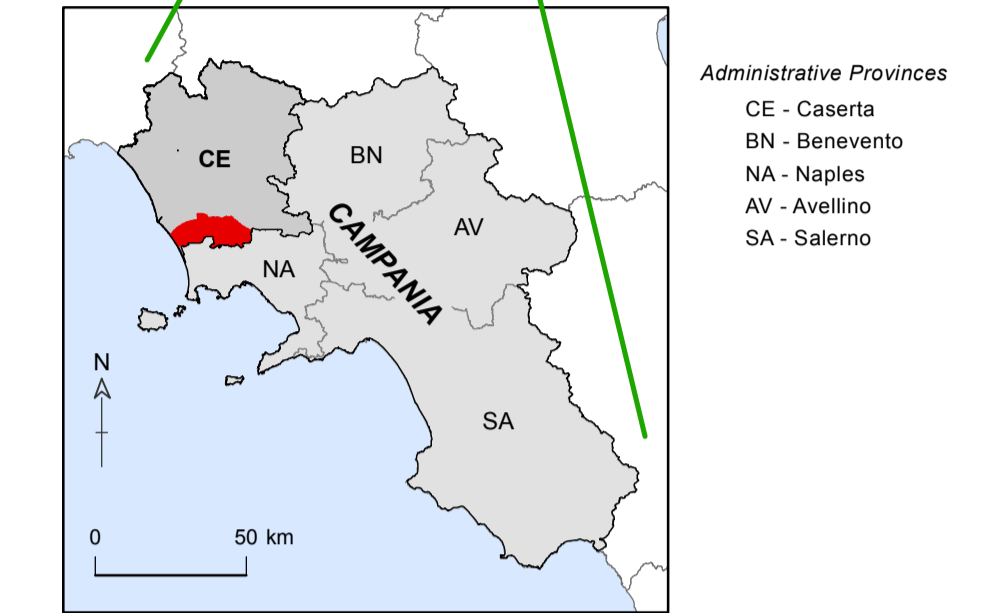
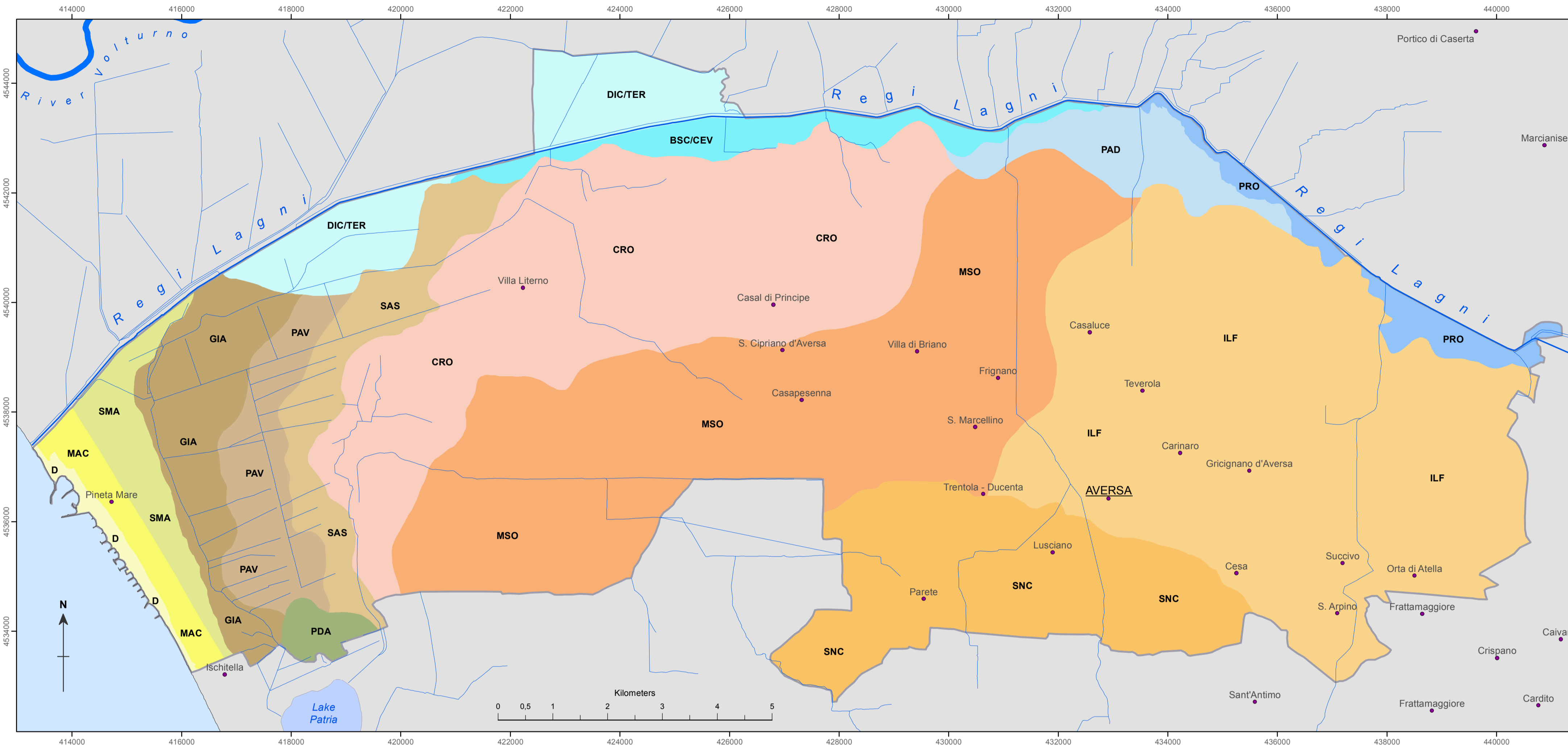


Soil map of the Aversa plain (southern Italy)

Scale 1:50 000
1 cm = 500 m if printed in A1



Coastal plain (PCO)

- D - Tidalic Arenosol and beach deposit
- MAC - Calcaric Arenosol (Alcalic, Ochric)
- SMA - Calcaric Brunic Arenosol (Aric, Ochric)
- GIA - Pellic Vertisol (Aric, Humic, Hypereutric, Relictigleyic)

- PAV - Hemic Folic Histosol (Eutric)
- SAS - Relictigleyic Hypereutric Vitric Andosol (Aric, Siltic) over Relictigleyic Hypereutric Vitric Andosol (Hyperhumic, Siltic)
- PDA - Calcaric Gleyic Phaeozem (Aric, Loamic)

Foothill plain (PPM)

- CRO - Chernic Vitric Andosol (Aric, Amphiloamic, Episiltic)
- MSO - Haplic Phaeozem (Aric, Loamic, Pachic, Vitric) over Hypereutric Vitric Andosol (Loamic)
- ILF - Hypereutric Vitric Andosol (Aric, Loamic)
- SNC - Hypereutric Cambisol (Aric, Humic, Loamic, Tephric)

Alluvial plain (PAL)

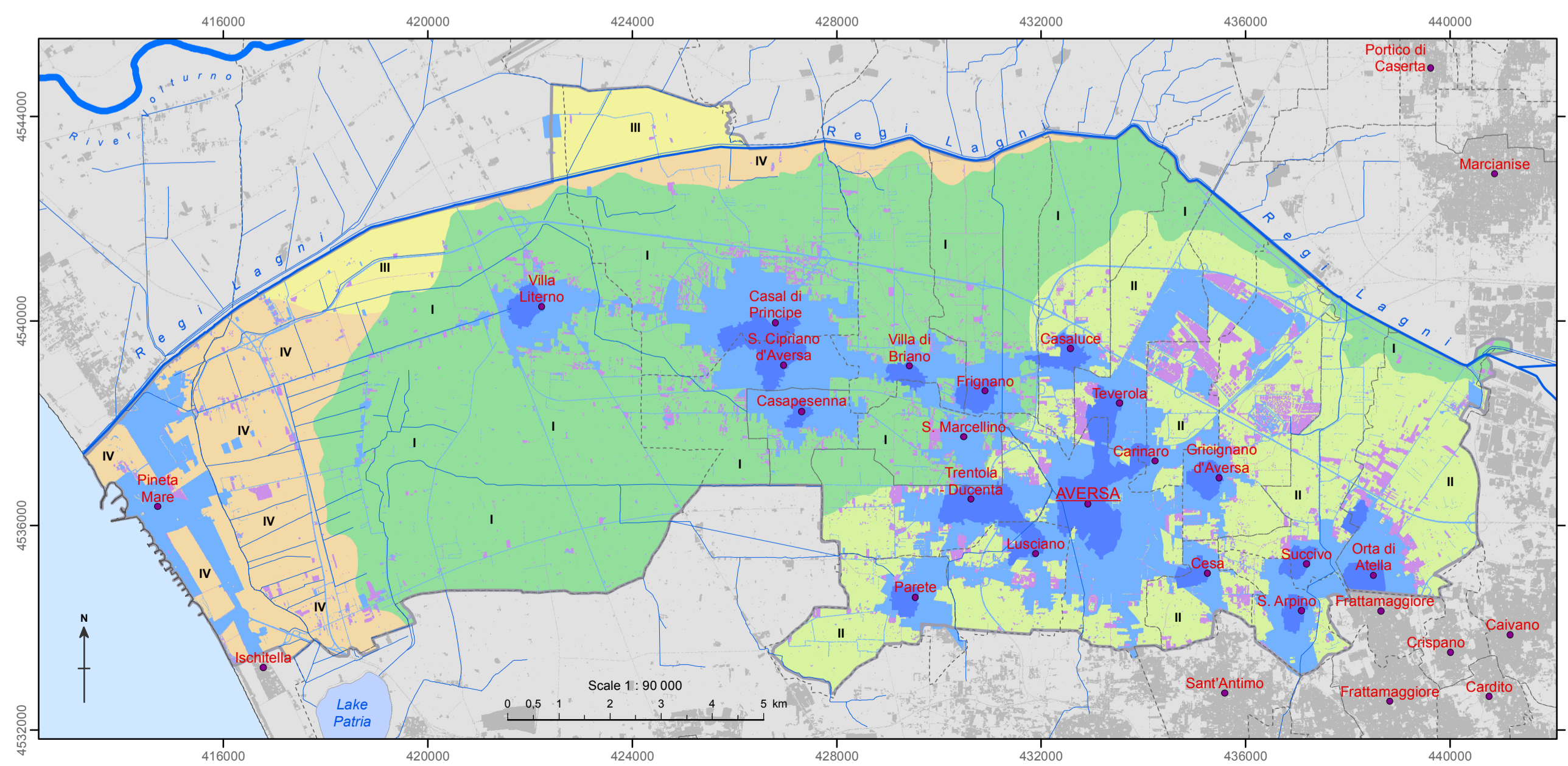
- DIC/TER - Haplic Vertisol (Aric, Calcaric, Humic, Hypereutric, Relictigleyic)/Hypereutric Relictigleyic Cambisol (Geobruptic, Aric, Loamic, Manganiferic, Ochric, Anosiltic)
- BSC/CEV - Relictigleyic Chernic Phaeozem (Aric, Endoloamic, Amphisitlic)/Relictigleyic Luvisol (Aric, Cutanic, Hypereutric, Loamic, Loaminovic, Raptic)
- PAD - Luvisc Relictigleyic Phaeozem (Aric, Loamic, Vitric)
- PRO - Fluvic Relictigleyic Phaeozem (Aric, Siltic, Vitric)

Soil naming follows the International Union of Soil Sciences (IUSS) World Reference Base (WRB) soil classification system (update 2015).

Land Capability follows the USDA method [Klingebiel and Montgomery (1961) Land-Capability Classification. Agriculture Handbook No.210. Soil Conservation Service. U.S. Department of Agriculture].

Coordinate System: WGS-84 UTM Zone 33N (EPSG - 32633)

Software: ArcGIS® 10.3.1 for Desktop (by ESRI) was used during all of the stages of map production.



Land Capability

- I** Class I - soils have few limitations that restrict their use
- II** Class II - soils have some limitations that reduce the choice of plants or require moderate conservation practices
- III** Class III - soils have severe limitations that reduce the choice of plants or require special conservation practices, or both
- IV** Class IV - soils have very severe limitations that restrict the choice of plants or require very careful management, or both

Built-up Areas

- Year 1954
- Year 1998
- Year 2015

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