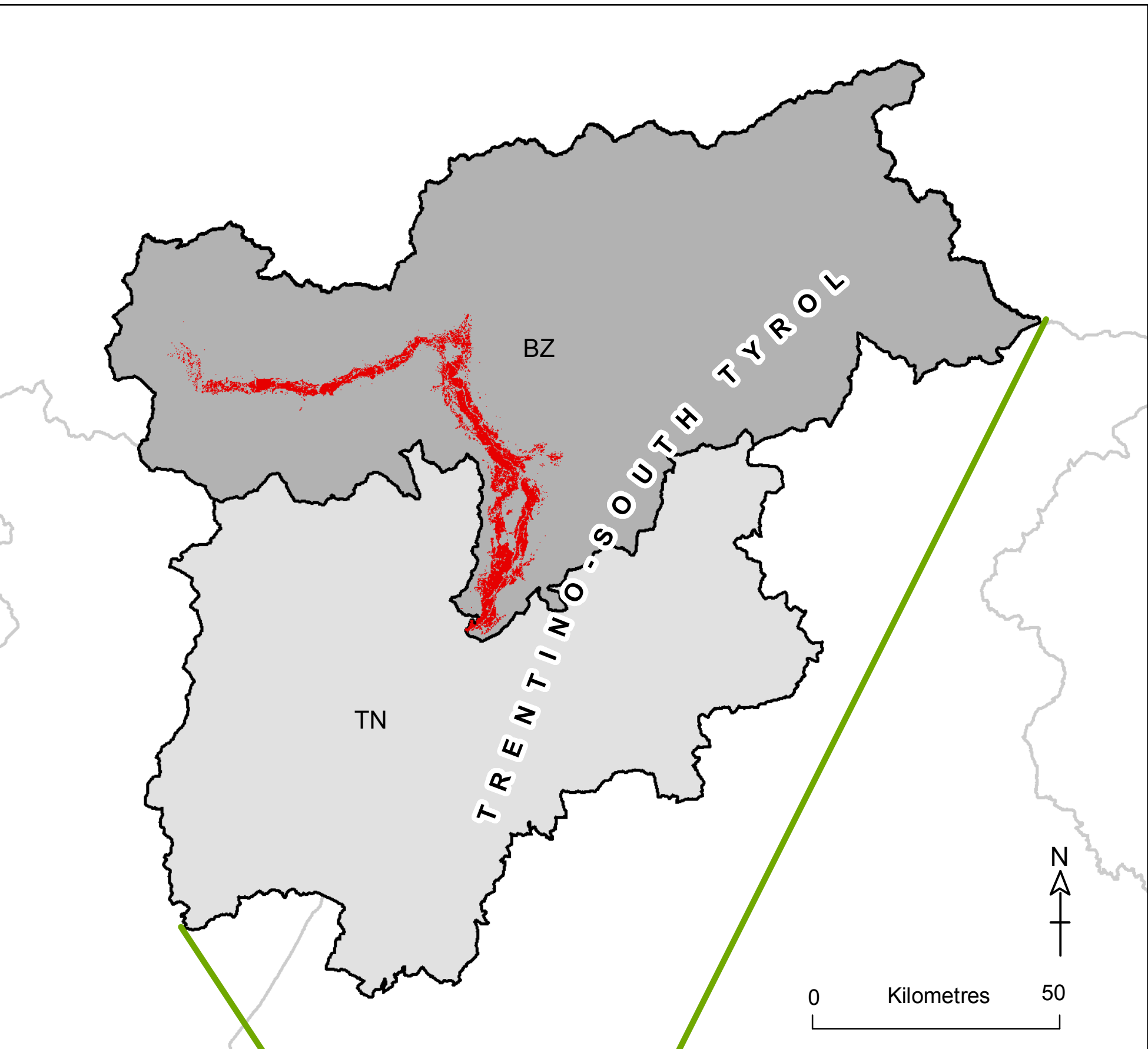


# Topsoil map of phytoavailable Phosphorus (P<sub>2</sub>O<sub>5</sub>) in South Tyrol, (northern Italy)

Scale 1:100,000

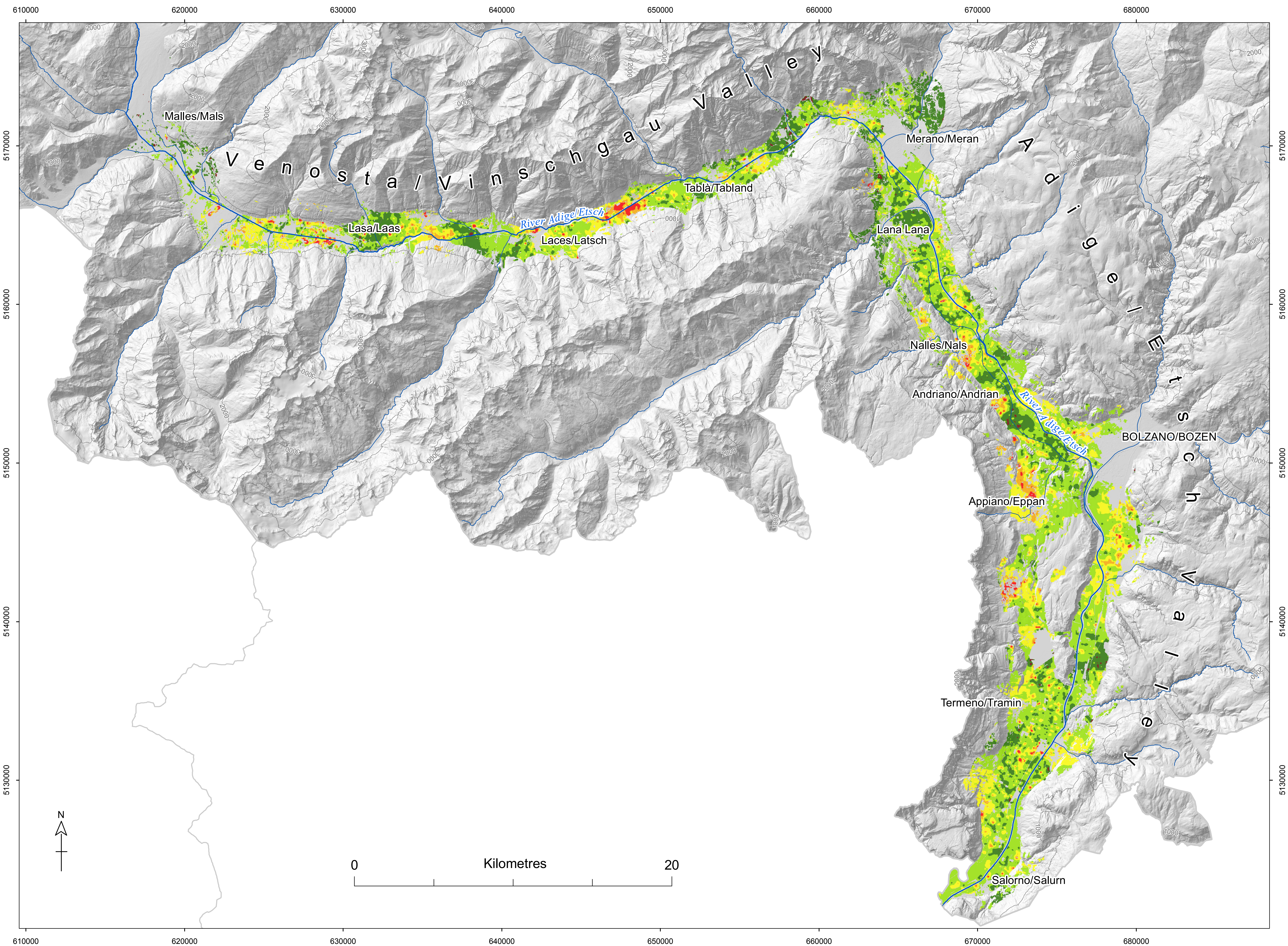
1 cm = 1000 m if printed in A0

Administrative Provinces  
BZ - Autonomous Province of Bolzano/Bozen  
TN - Autonomous Province of Trento



Coordinate system: WGS 84 UTM Zone 32N  
Software: ArcGIS® 10.4 for Desktop (by ESRI)  
was used during all of the stages of map production.

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Daniele LA CECILIA<sup>3</sup>, Georg NIEDRIST<sup>1</sup>



Spatial interpolation was conducted on apple orchards and vineyard fields. The other land use were masked. Phytoavailable P<sub>2</sub>O<sub>5</sub> soil concentrations estimated using the calcium-acetate-lactate (CAL) extraction method according to the Association of German Agricultural Analytic and Research Institutes (VDLUFA, 1991). Reference: VDLUFA, 1991. Methodenbuch, Band I: Die Untersuchung der Böden.

Concentration of phytoavailable Phosphorus(P<sub>2</sub>O<sub>5</sub>) [mg/kg]

< 100 100 - 200 200.01 - 300 300.01 - 400 400.01 - 500 > 500

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research



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