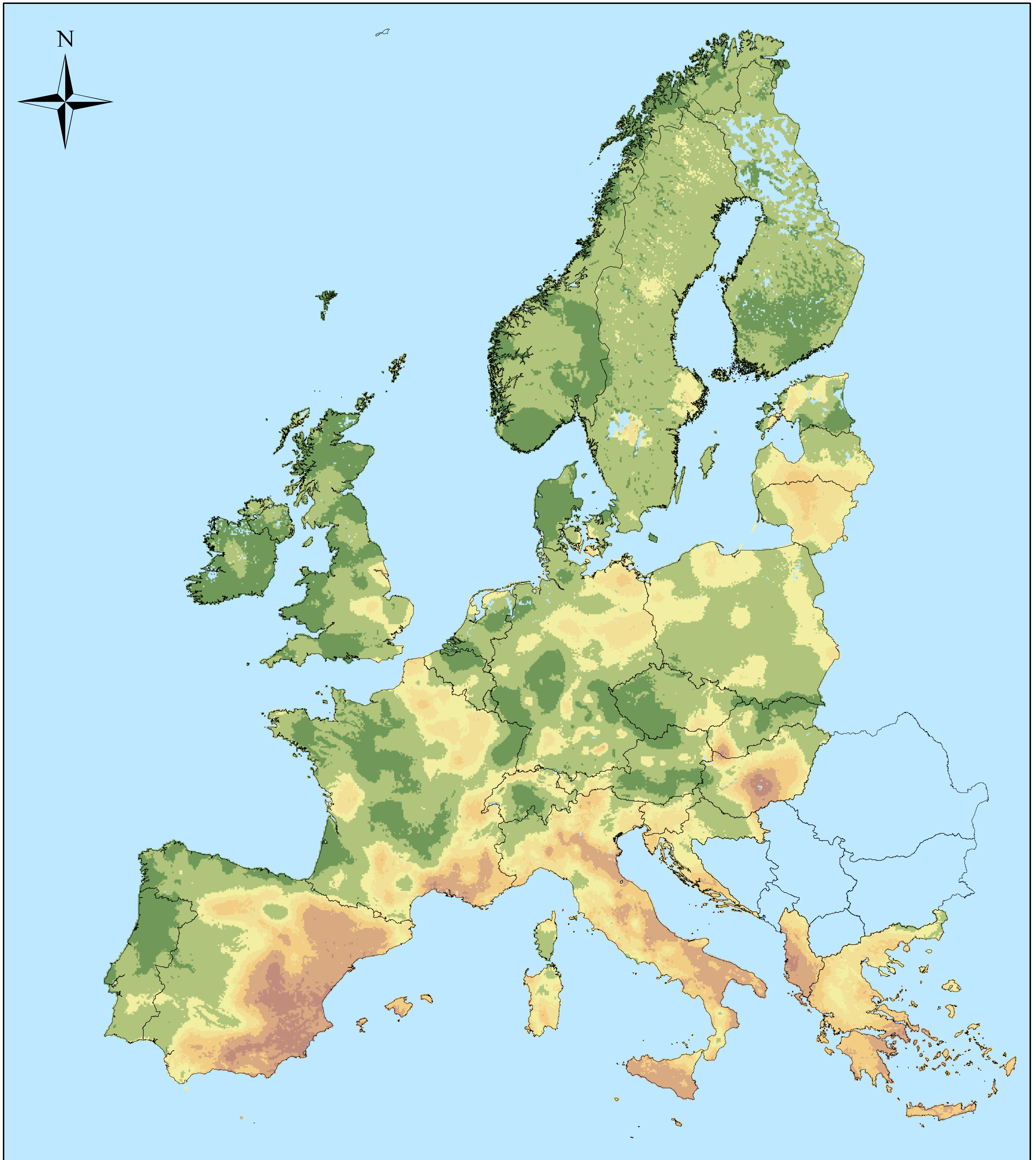


pH in Europe



pH CaCL2	
	< 4,5
	4,5 - 5,5
	5,5 - 6
	6 - 6,5
	6,5 - 7
	7 - 7,5
	7,5 - 8
	8 - 8,5
	>8,5

Map Description

12,333 soil pH measurements from 11 different sources have been compiled in order to create a quantitative map of estimated soil pH values across Europe using a geostatistical framework based on regression-kriging. The map results agree with our previous knowledge about this soil property. The lowest values correspond to the soils developed on acid rock (granites, quartzites, sandstones, etc), while the higher values are related to the presence of calcareous sediments and basic rocks.

Map Information

Spatial coverage: 25 Member States of the European Union where data available (Bulgaria and Romania are not included), Norway, Switzerland, Croatia, Albania

File Type: Raster
Projection: ETRS89 Lambert Azimuthal Equal Area
Temporal coverage: 2009

Input data - source
 11 Profile Datasets from the European Soil Data Center

Contact: Luca Montanarella, European Commission, Institute of Environment and Sustainability, Land Management and Natural Hazards Unit, Ispra, Italy.
Email: luca.montanarella@jrc.ec.europa.eu
Digital datasets can be downloaded from:
<http://eussoils.jrc.ec.europa.eu/library/data/ph/>

