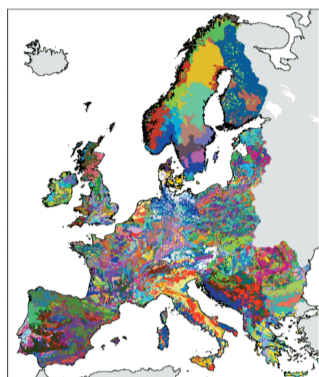


EUROPEAN SOIL PROPERTIES



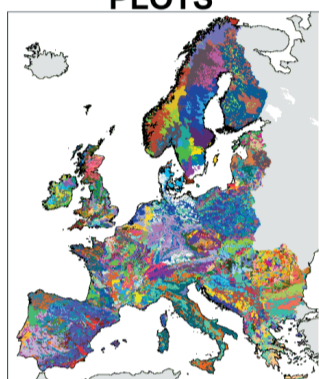
The spatial layer of the European Soil Database was rasterized to a grid size of 1km. New spatial units were generated by applying a multi-criteria analysis. Soil properties were assigned to spatial plots using a proportional distribution of attributes.

SOIL MAPPING UNITS



1657 SMUs

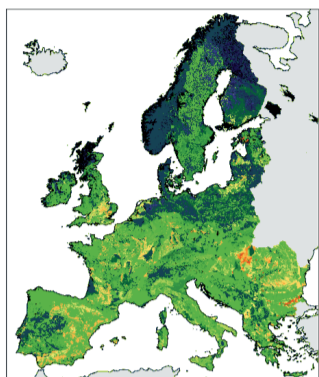
SPATIAL LOCATOR PLOTS



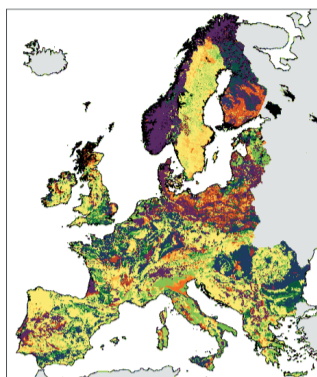
2546 SLPs

SOIL TEXTURE

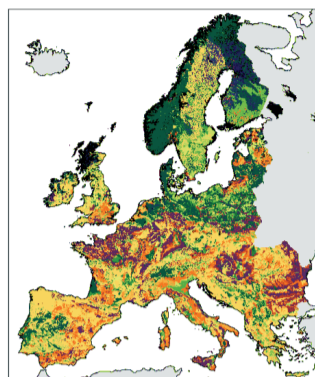
Topsoil



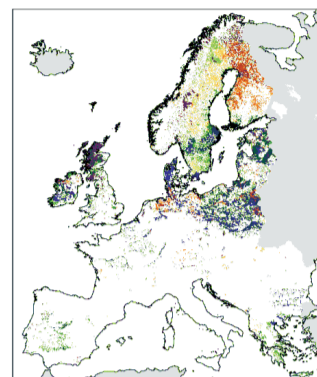
Clay Content (%)



Sand Content (%)

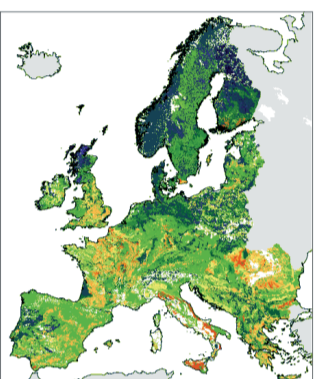


Silt Content (%)

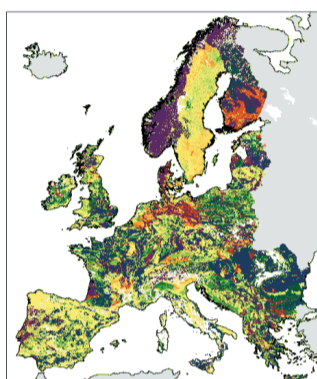


No texture (%)

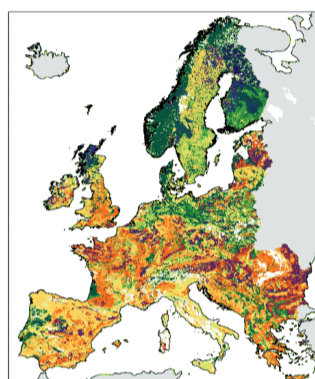
Subsoil



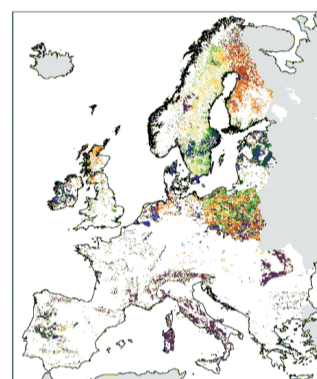
Clay Content (%)



Sand Content (%)



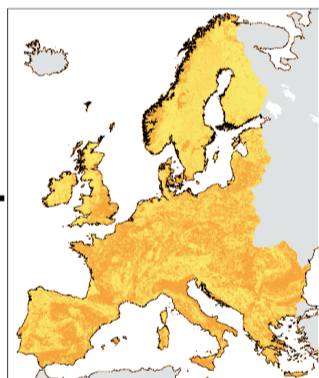
Silt Content (%)



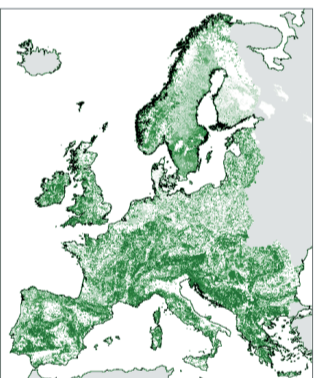
No texture (%)

DENSITY

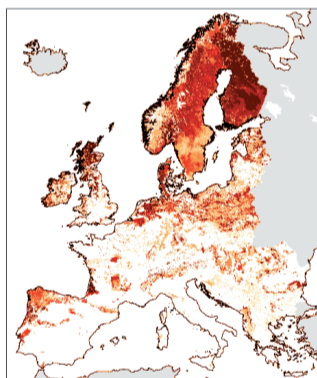
Topsoil



Packing Density (g/cm³)



Portion Class 1 (%)



Humic portion (%)

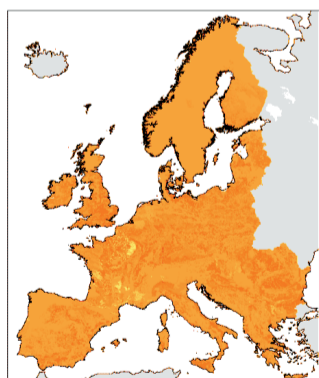


Base Saturation (%)

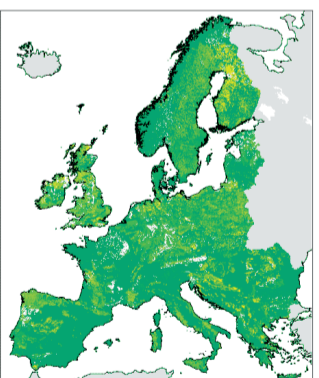


Cation Exchange (cmol(+)/kg)

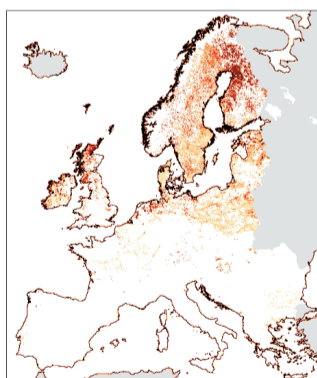
Subsoil



Packing Density (g/cm³)



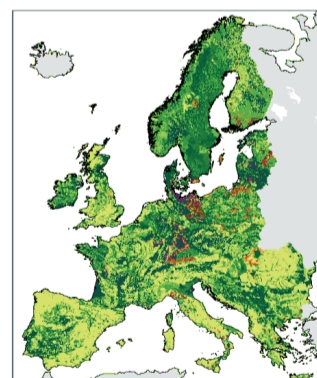
Portion Class 2 (%)



Peaty portion (%)



Base Saturation (%)

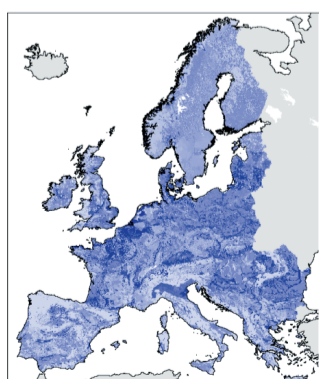


Cation Exchange (cmol(+)/kg)

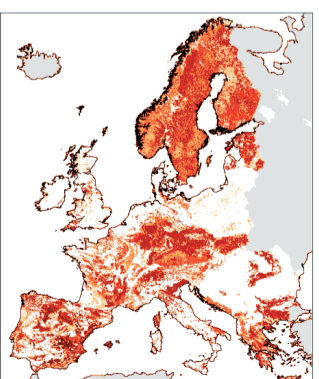
STRUCTURE

CHEMISTRY

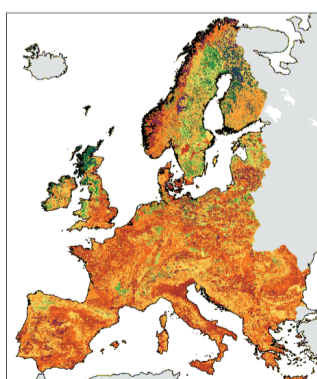
Projection: Lambert Azimuth Equal Area



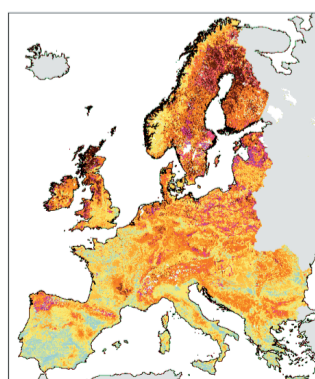
Depth to Rock (cm)



Volume of Stones (%)



Topsoil Bulk Density (g/cm³)



Topsoil Organic Carbon (%)



European Soil Bureau



The maps shown on this page illustrate how the various databases described in the preceding pages can be used to provide information on the characteristics and properties of soils in a harmonised manner across Europe. In this instance, the data for Belarus, Cyprus, Iceland, Russia, Turkey and Ukraine were not processed. For an explanation of the properties displayed by the individual maps, please consult the Glossary on Page 126 of the Atlas (RH, RJ & LM).