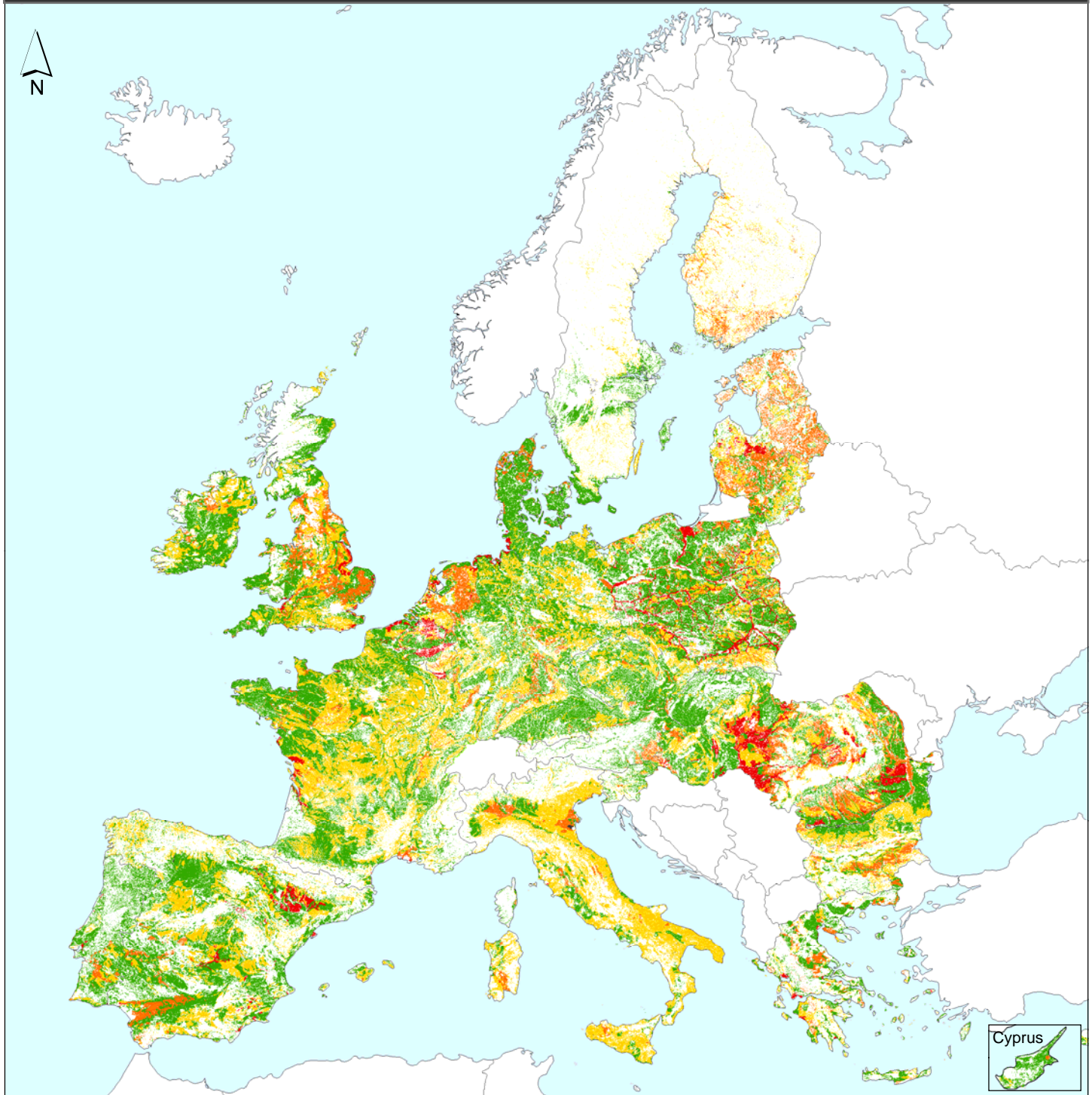
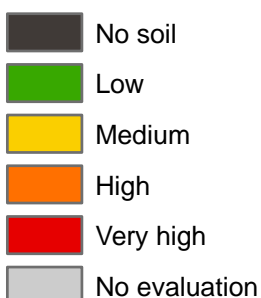


The natural susceptibility of soils to compaction



Natural susceptibility to compaction



This map shows the natural susceptibility of agricultural soils to compaction if they were to be exposed to compaction. The evaluation of the soil's natural susceptibility is based on the creation of logical connections between relevant parameters (pedotransfer rules). The input parameters for these pedotransfer rules are taken from the attributes of the European soil database, e.g. soil properties: type, texture and water regime, depth to textural change and the limitation of the soil for agricultural use. Besides the main parameters auxiliary parameters have been used as impermeable layer, depth of an obstacle to roots, water management system, dominant and secondary land use. It was assumed that every soil, as a porous medium, could be compacted.

MAP INFORMATION

Spatial coverage: 27 Member States of the European Union where data available.
 Pixel size: 1km
 Projection: ETRS89 Lambert Azimuthal Equal Area
 Input data - source
 Soil data - European Soil Database v2
 Land Use - CORINE Land Cover 2000

BIBLIOGRAPHIC INFORMATION

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Digital datasets can be downloaded from
<http://eusoils.jrc.ec.europa.eu/>

