

PROJECT INFORMATION

Project title: Preparation of the 2nd version of the aggregated soil database of the Level II second soil survey

Project ID: 70

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PROJECT DESCRIPTION

ICP-Forests internal project: Preparation of the 2nd version of the aggregated soil database of the Level II second soil survey

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The calculation of soil hydraulic properties from measured pF-curves is part of the activities of the EP Meteorology, Phenology and Leaf Area Index in order to provide data for water budget modelling on Level II plots. Soil hydraulic measurements were in most cases performed during the EU-project Futmon (2009 – 2012). The data on soil hydraulic properties (saturated water content, field capacity, Mualem/van Genuchten parameters of the soil water retention curves, etc.) shall be combined with the comprehensive chemical and physical soil information from the aggregated soil database of the Level II second soil survey in order to have all soil data from the Level II plots at the same place. The resulting second version of the aggregated soil database of the Level II second soil survey shall be published and made available as a web-accessible database for internal evaluations of the ICP-Forests community. During the publication process, additional plausibility checks to the whole database are performed.