



BOOSTING IMPACT WITH SOIL INFORMATION!

SERVICES

- Soil information services
 - Quick assessment on resources and needs
 - Support on Digital Soil Mapping
 - Impact assessment of Sustainable Land Management options & Land Degradation Neutrality
- Agriculture and Forestry
 - Prepare site & crop specific fertilizer recommendations
 - Develop soil property maps
 - Support land use planning for sustainable agriculture and forestry
- Capacity building
 - Yearly Spring Schools on Soil Classification & Digital Soil Mapping
 - Taylor-made courses

SOIL INFORMATION FOR FOOD SECURITY

ISRIC - World Soil Information is an independent, science-based foundation located in Wageningen. ISRIC has a mission to serve clients with information about the world's soil resources to help addressing major global issues. ISRIC produces and serves quality-assured soil information together with our partners at global, regional and national levels. ISRIC has been elected in 2017 to host the soil data facility for the Global Soil Partnership (GSP). For 25 years ISRIC is a consortium member of the World Overview of Conservation Approaches and Technologies (WOCAT). ISRIC is a member of Global Open Data on Agriculture and Nutrition (GODAN).

AND COMBATting LAND DEGRADATION

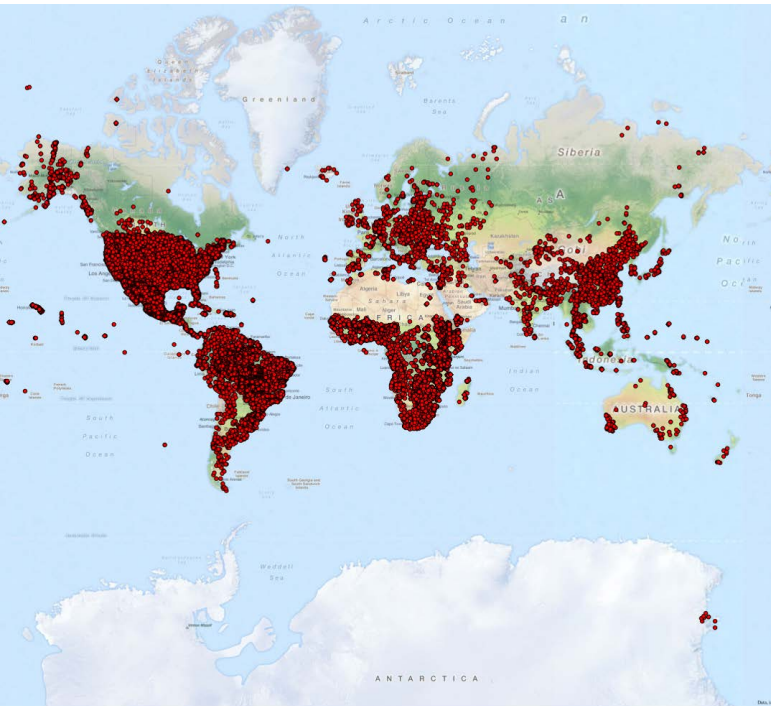
BOREAL

MAN AND SOIL



APPLICATIONS OF SOIL INFORMATION SYSTEMS

World Soil Information System

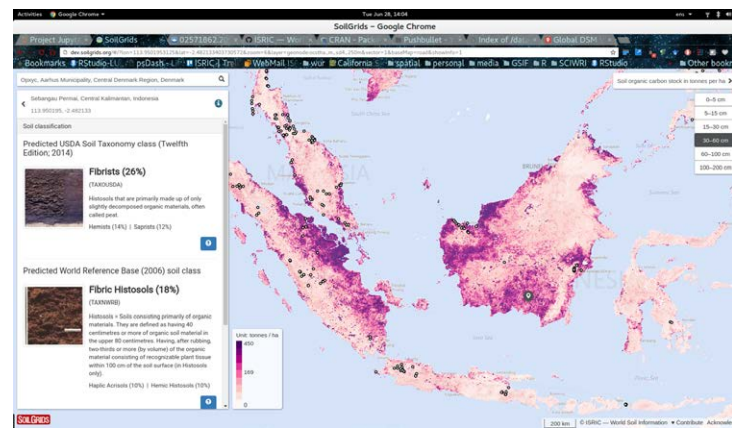


ISRIC has developed the World Soil Information System (WoSIS) with at the moment 150.000 standardised and harmonised soil profiles which is freely available through our website.

Taylor-made applications

Based on these resources we can develop tailor-made applications such as site specific fertilizer recommendations for specific crops or soil property maps for improved irrigation water management. On the topic of Sustainable Land Management and achieving Land Degradation Neutrality (LDN) ISRIC develops maps by combining local knowledge and soil information systems to assess where an SLM option is the most effective.

SoilGrids



Furthermore we have developed with use of machine learning and geo-statistics (> 120 co-variates) a 250 m grid soil map of the world called SoilGrids with physical and chemical properties such as CEC and SOC.

NL-FSA

The NL-Food Security Alliance (NL-FSA) is a network of mainly Dutch companies and institutions developing exclusive and sustainable solutions in the agri-water-food-business.

NL-FSA is a Royal Eijkelkamp initiative



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