iSQAPER
Interactive Soil Quality Assessment

SQAPP: the soil quality app
# Official launch announcement
5 December 2020

Good soil quality is of fundamental importance to local and global food production and to ecosystem resilience. Agricultural soils world-wide are subject to threats and pressures including increasing demand for food and biofuels, climate change impacts, land degradation and associated productivity decline.

To manage agricultural soils well, decision-makers need science-based, easy to apply and cost-effective tools to assess soil quality and function. Reliable knowledge and data help land users assess the quality and make well-informed decisions about the use of their soils.
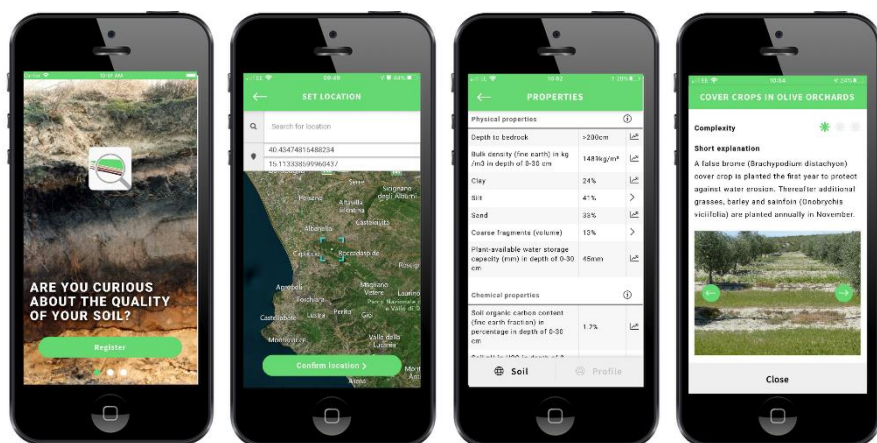
In response to this issue, the Horizon 2020 EU-funded project iSQAPER has created SQAPP, an innovative soil quality app for mobile devices developed, tested, evaluated and improved by farmers, agricultural service providers, scientists, and policy makers.

SQAPP
- Gives users free global access to soil maps and contextual soil quality information (showing how their soil scores relative to others of the same type in similar climatic conditions).
- Assesses the most probable threats to soil quality with explicit links between soil quality status and agricultural management.
- Provides targeted advice on how to improve soil quality status with different agricultural management practices.
- Has the capacity for users to interact with the databases, uploading local data to refine the soil quality analysis and recommendations.

iSQAPER
Interactive Soil Quality Assessment
Information System

Full details of all scientific results can be found on www.isqaper-is.eu

Available on the App Store

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