

Natural Resources Conservation Service

Soil Science Division

Soil Survey Region 2 Office, Davis, CA

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Davis, California, Soil Survey Regional Office

Updates to the SoilWeb Application

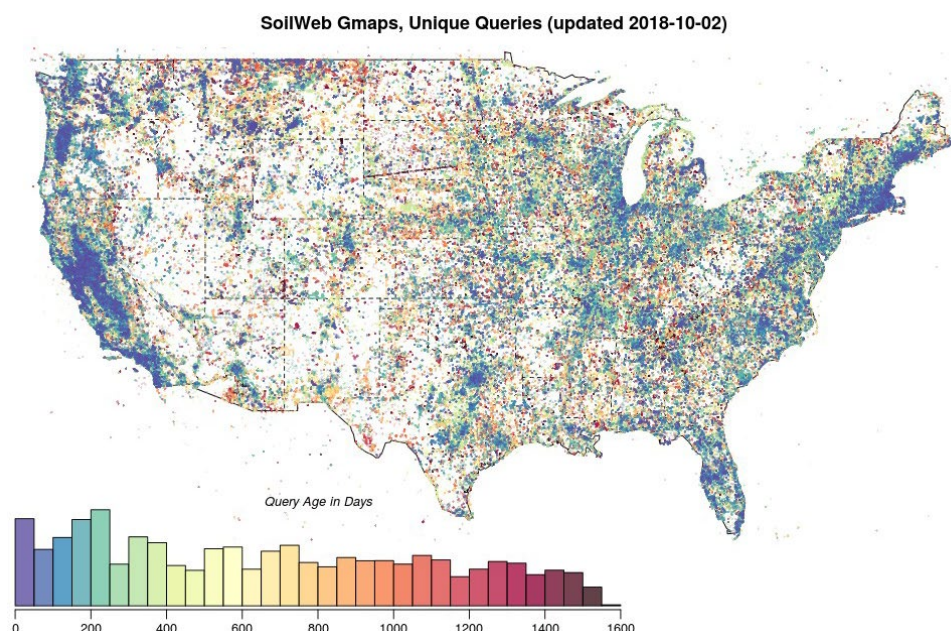
SoilWeb, which is an app developed through collaboration between the University of California-Davis Soil Resource Lab and USDA-FPAC-NRCS, was synchronized to the latest soil survey data on October 10. The synchronization included SSURGO, KSSL, and OSD-derived data. This update enables users to access the latest soil survey information with the app. SoilWeb is currently available for any mobile device that has an internet connection. It seamlessly adapts to smaller screens and can even use a phone's built-in GPS for querying soils data.

The boundaries of soil survey areas (SSA) are now displayed, which enables pop-up boxes that supply metadata about the individual areas. The SSA boundaries are also useful for identifying the availability of printed manuscripts, determining survey vintage, and generating links to pre-made areas of interest in Web Soil Survey (WSS).



Key Outcomes and Products

The various SoilWeb applications are among the most visible and well-used portable resource-inventory technologies of the Federal government. In FY–2018, this family of apps had about 269,000 visits (an increase of 33 percent). The main SoilWeb interface received about 155,000 visits (averaging about 2,000 queries per day); the Soil Data Explorer (SDE) received 67,000 visits; and the Series Extent Explorer received 51,000 visits. The Google Earth interface to SoilWeb continues to receive over 5,000 requests per day.



Future Goals and Conclusions

Work is underway on new versions of the iOS and Android smartphone apps. These further updates should be available in early 2019.

Links

- [Standard / Mobile Interface](#)
- [Series Extent Explorer](#)
- [Access USDA-NRCS soil survey data from R](#)
- [Experimental OSD full text search](#)