

Soil Explorer – A New Website to Support Soil Science Education and Outreach

Darrell G. Schulze and The Isee Network

Agronomy Department, Purdue University
West Lafayette, IN 47907, dschulze@purdue.edu

The Isee Project

The goal of the Integrating Spatial Educational Experiences (Isee) project is to teach students how and why soils vary at different scales and why it matters.

Soil Explorer displays informative maps of a variety of soil properties. These maps are based on the most detailed US soils information from the USDA SSURGO soil survey dataset, the best available digital elevation models from the National Elevation Data Set, and other data sources. The maps are designed specifically to support teaching and learning.

Maps for seven U.S. states (Indiana, Illinois, Kentucky, Ohio, Texas, West Virginia, and Wisconsin) are currently online. Maps for Dominant Soil Parent Materials, Natural Soil Drainage Classes, and Soil Orders are available for all the states, and some states have additional maps. Maps for 10 additional states will be available soon.

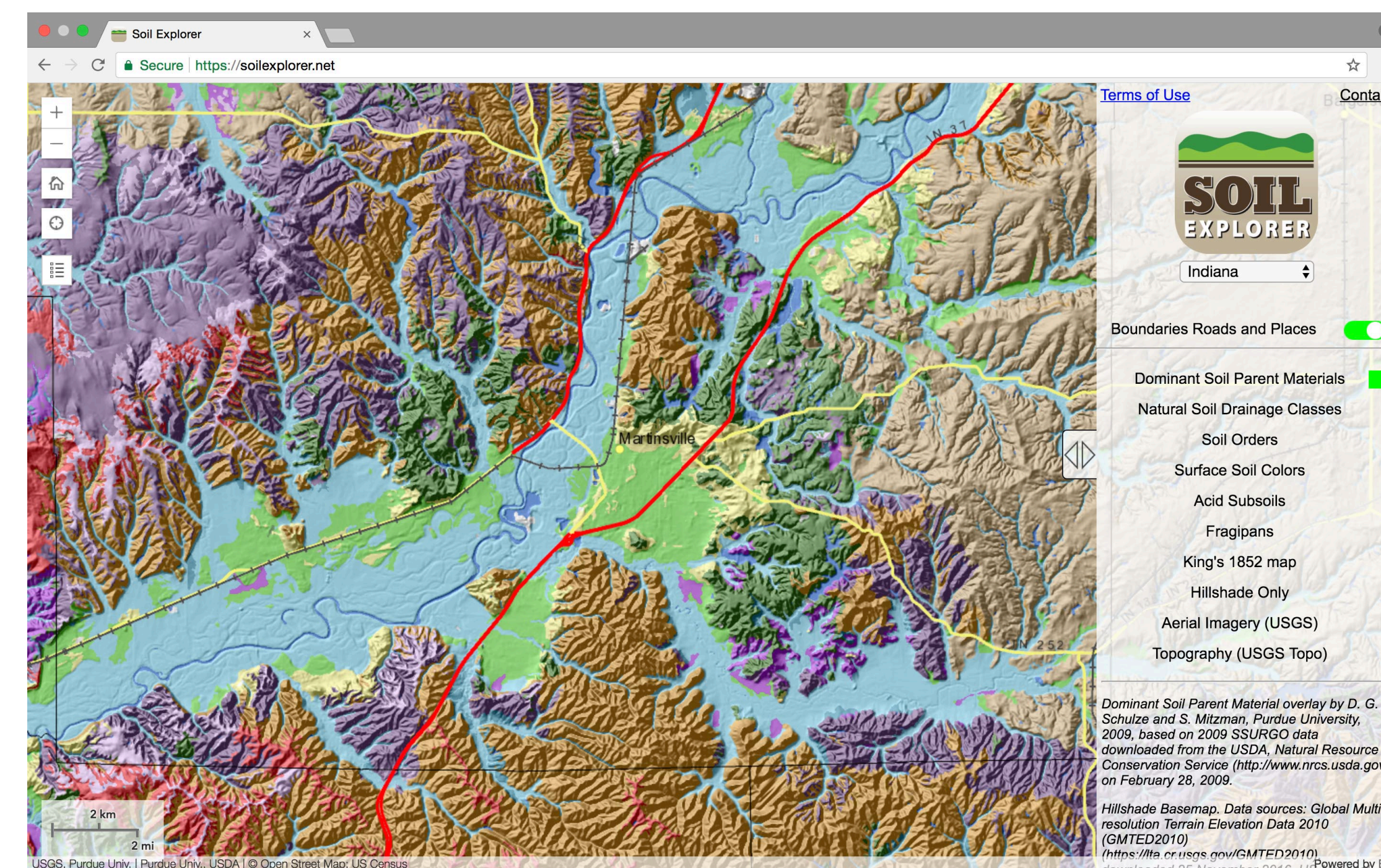
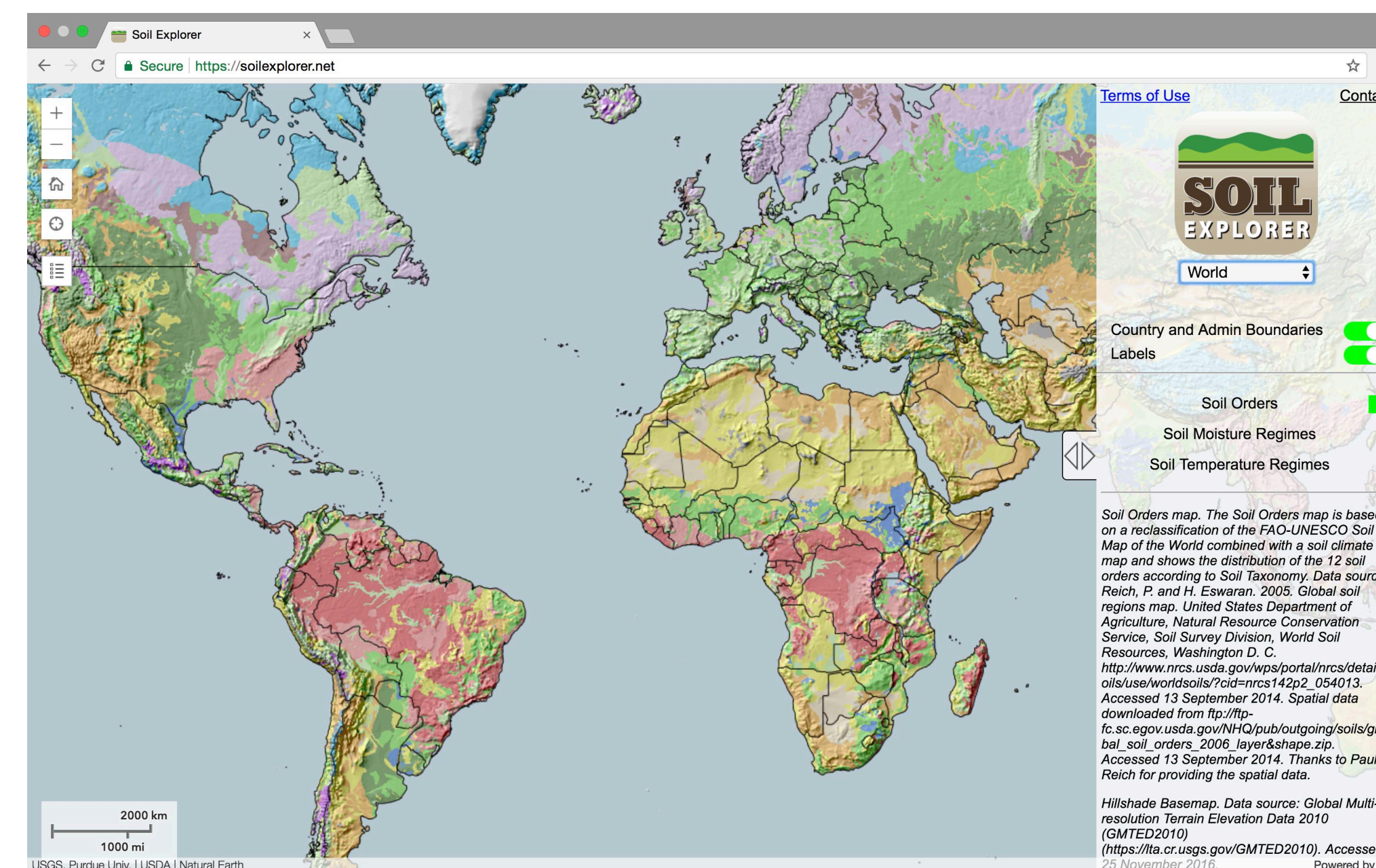
The Isee Network

Soil Explorer was developed by the Isee Network, a group of faculty, students, and professionals from land grant universities and the Natural Resources Conservation Service. A full list of contributors is available at <http://isee.network>.

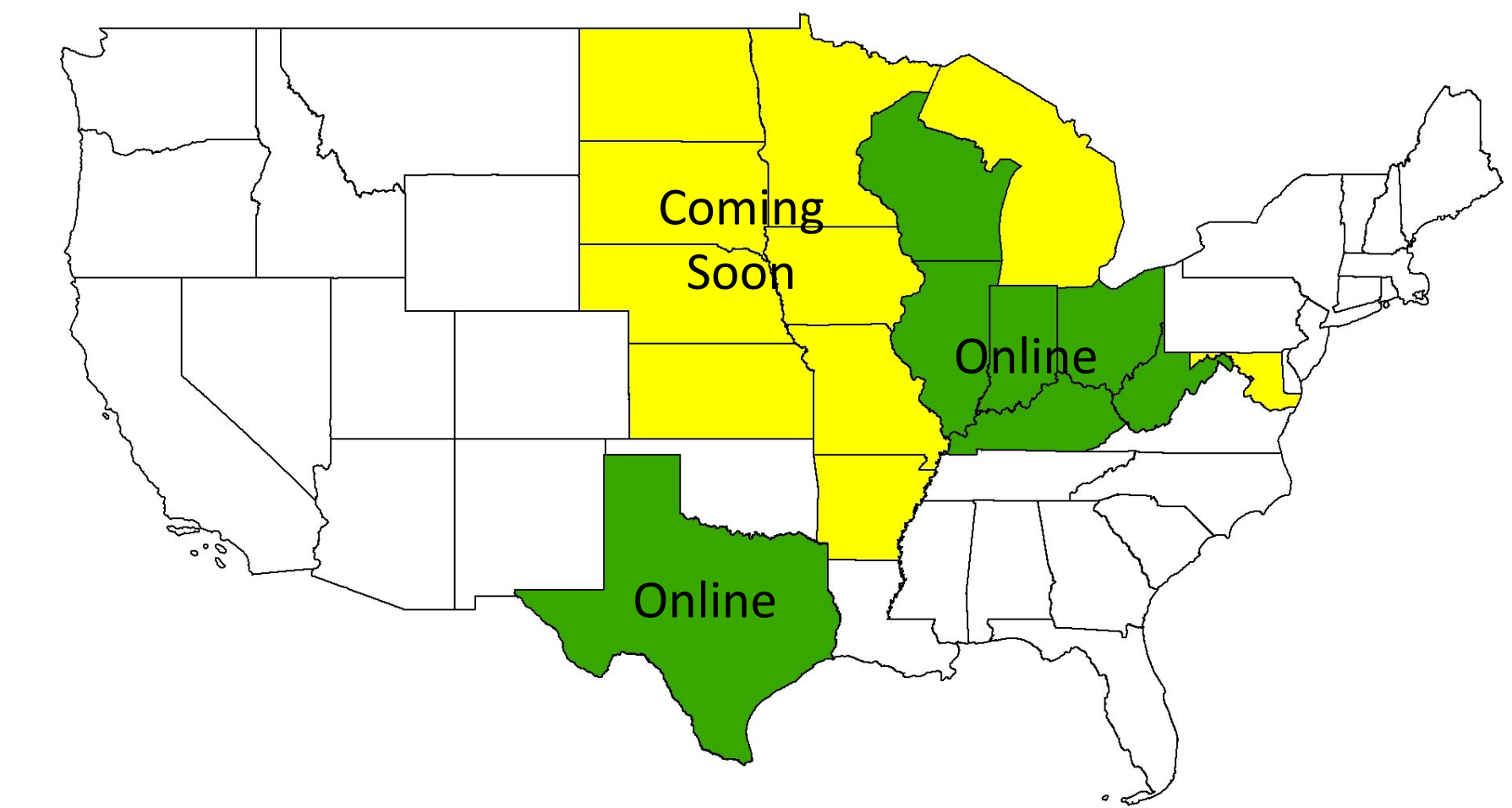
Acknowledgements

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SoilExplorer.net



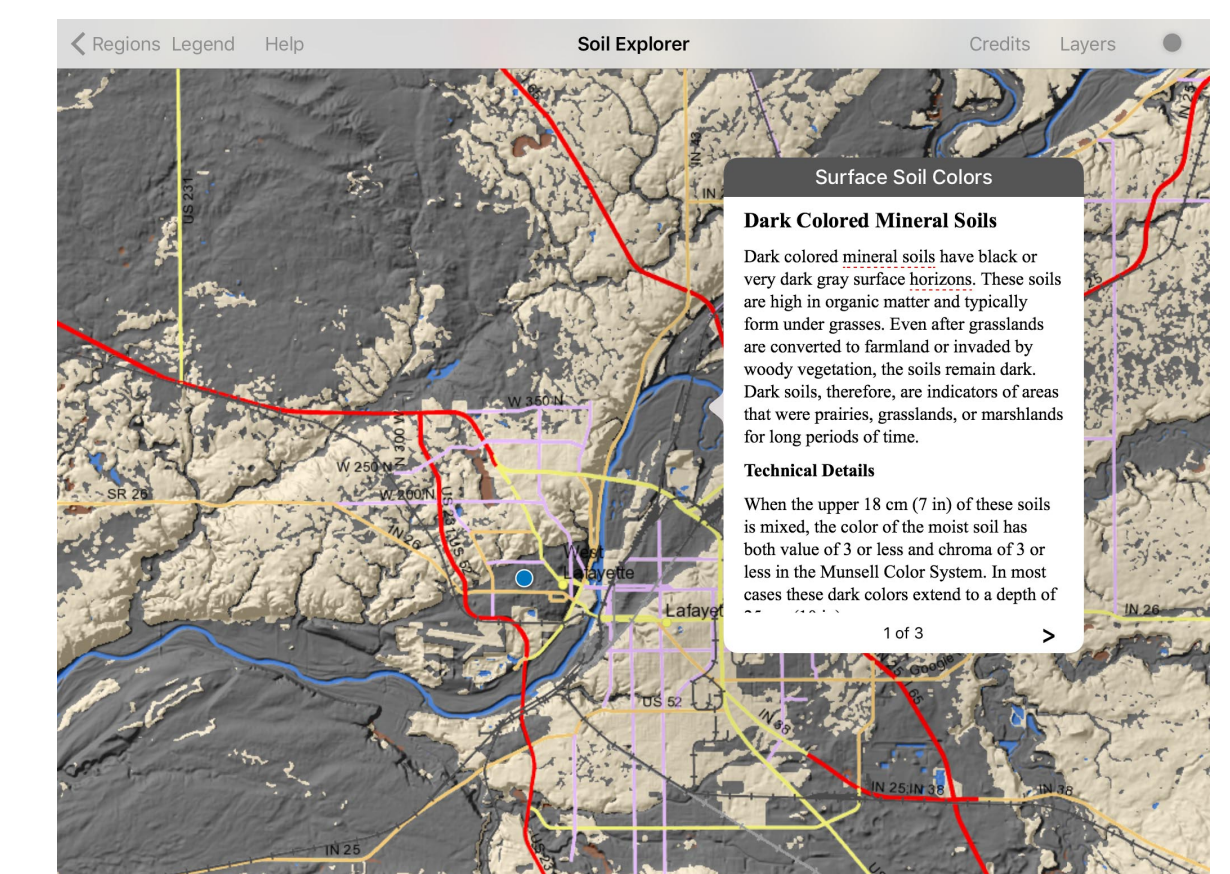
Available Maps



The hillshade base map is available for the entire conterminous US at 5 meter pixel resolution (1:18,000 scale).

Soil Explorer iPad App

Free in the Apple App Store. For iPad only at this time, but iPhone version coming soon.



Maps in the Classroom



Maps in the Field

