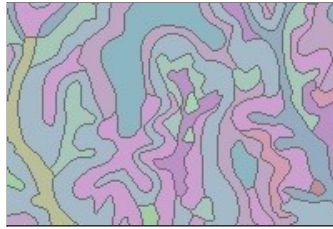


# Gridded Soil Survey Geographic (gSSURGO) Database for Pennsylvania

## ESRI File Geodatabase



### Tags

environment, geoscientificInformation, Pennsylvania, PA049 (2022-09-06), PA609 (2022-09-07), PA083 (2022-09-06), PA105 (2022-09-06), PA117 (2022-09-06), PA610 (2022-09-07), PA115 (2022-09-06), PA127 (2022-09-06), PA039 (2022-09-06), PA131 (2022-09-07), PA121 (2022-09-06), PA607 (2022-09-07), PA081 (2022-09-06), PA069 (2022-09-06), PA103 (2022-09-06), PA085 (2022-09-06), PA035 (2022-09-06), PA031 (2022-09-06), PA065 (2022-09-06), PA079 (2022-09-06), PA033 (2022-09-06), PA027 (2022-09-06), PA037 (2022-09-06), PA089 (2022-09-06), PA019 (2022-09-06), PA005 (2022-09-06), PA097 (2022-09-06), PA093 (2022-09-06), PA073 (2022-09-06), PA119 (2022-09-06), PA025 (2022-09-06), PA095 (2022-09-06), PA007 (2022-09-06), PA063 (2022-09-06), PA109 (2022-09-06), PA107 (2022-09-06), PA605 (2022-09-07), PA077 (2022-09-06), PA003 (2022-09-06), PA129 (2022-09-07), PA021 (2022-09-06), PA013 (2022-09-06), PA061 (2022-09-06), PA043 (2022-09-06), PA011 (2022-09-06), PA099 (2022-09-06), PA075 (2022-09-06), PA017 (2022-09-06), PA611 (2022-09-07), PA091 (2022-09-06), PA111 (2022-09-06), PA009 (2022-09-06), PA055 (2022-09-06), PA041 (2022-09-06), PA071 (2022-09-06), PA057 (2022-09-06), PA133 (2022-09-07), PA029 (2022-09-06), PA051 (2022-09-06), PA001 (2022-09-06), PA045 (2022-09-06), PA101 (2022-09-06), USA, United States of America, soils, raster, Geospatial Data Gateway, gridded, Soil Survey, GDG, gSSURGO, SSURGO, farming

## Summary

The 202210 Gridded SSURGO dataset was created for use in national, regional, and state-wide resource planning and analysis of soils data. The dataset consists of soils data in raster, vector, and attribute tables. The raster map layer data can be readily combined with other national, regional, and local raster layers, e.g., National Land Cover Database (NLCD), the National Agricultural Statistics Service (NASS) Crop Data Layer, or the National Elevation Dataset (NED).

## Description

This dataset is called the Gridded SSURGO (gSSURGO) Database and is derived from the Soil Survey Geographic (SSURGO) Database. SSURGO is generally the most detailed level of soil geographic data developed by the National Cooperative Soil Survey (NCSS) in accordance with NCSS mapping standards. The tabular data represent the soil attributes, and are derived from properties and characteristics stored in the National Soil Information System (NASIS). The gSSURGO data were prepared by merging traditional SSURGO digital vector map and tabular data into State-wide extents, and adding a state-wide gridded map layer derived from the polygon layer. The gridded map layer is offered in an ArcGIS file geodatabase raster format. The raster map data have a 10 meter cell size that approximates the vector polygons in an Albers Equal Area projection. Each cell (and polygon) is linked to a map unit identifier called the map unit key. The unique map unit key is used to link to raster cells and polygons to mapunit and muaggatt attribute tables.

## Credits

Soil Survey Staff. Gridded Soil Survey Geographic (gSSURGO) Database for Pennsylvania. United States Department of Agriculture, Natural Resources Conservation Service. Available online at <http://datagateway.nrcs.usda.gov/>. 20220907 (202210 official release).

## Use limitations

The U.S. Department of Agriculture, Natural Resources Conservation Service, should be acknowledged as the data source in products derived from these data. This dataset is not designed for use as a primary regulatory tool in permitting or siting decisions, but may be used as a reference source. This is public information and may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Natural Resources Conservation Service any authority for the decisions that they make. The Natural Resources Conservation Service will not perform any evaluations of these maps for purposes related solely to State or local regulatory programs. Digital data files are periodically updated. Files are dated, and users are responsible for obtaining the latest version of the data.

## Extent

There is no extent for this item.

## Scale Range

There is no scale range for this item.

*You are currently using the Item Description metadata style. Change your metadata style in the Options dialog box to see additional metadata content.*