

Natural Resources Conservation Service U.S. DEPARTMENT OF AGRICULTURE





For More Information

Interested in learning about your soil? Visit <u>www.soils.usda.gov</u>, or contact Ralph Tucker by email at <u>ralph.tucker@usda.gov</u>. Learn more about NRCS Missouri at: <u>www.nrcs.usda.gov/nrcs/missouri.</u>







On site less than one day
We practice Leave No Trace
Results available at no cost
Improve soil amendment schedule

USDA is an equal opportunity provider, employer, and lender.

At NRCS, we care about your soil as much as you do!

We are updating the soil survey for St. Louis County, Missouri, to provide a free, comprehensive soil map to direct land management decisions.

nrcs.usda.gov/nrcs/missouri

WHAT ARE URBAN SOILS?

The term urban soils refers to soils in areas of high population density in a largely built environment. These soils can be significantly altered from human involvement or minimally altered, "native" soils.

Soils in urban areas exhibit a variety of conditions and properties, and they may have impervious surfaces, such as buildings and pavement. Factors that influence soil characteristics and behavior in urban areas include:

- Land use history and disturbance
- Geography and geology
- Extent of impervious surfaces
- Nature of human-transported or "fill" materials

Although there are similarities in urban soils globally, the urban soil pattern is unique for every city.







WHY ARE URBAN SOILS IMPORTANT?

More than 80% of the nation's population lives in urban areas. A better understanding of urban soils is more important than ever and highlights the need for accurate and proper documentation, soil mapping, and interpretation of soil changes.

Detailed and up-to-date information about urban soils provides city planners with fundamental data to make important decisions about land use — how to protect, conserve, and manage natural resources with positive impacts on public health, safety, and quality of life.

HOW WILL URBAN SOILS DATA BE USED?

A variety of professions require urban soils data:

- Urban farmers
- Engineers, architects
- Urban and land-use planners
- Park, forest, and habitat managers
- Stormwater and water quality managers

WHERE CAN I FIND URBAN SOILS DATA?

Web Soil Survey is NRCS' official online portal for soil survey data. Visit Web Soil Survey at https:// websoilsurvey.nrcs.usda.gov/app.



Soil sample example