**Web Soil Survey**

<http://websoilsurvey.nrcs.usda.gov/app/>

Web Soil Survey (WSS) provides soil data and information produced by the National Cooperative Soil Survey. Soil surveys can be used for general farm, local, and wider area planning. Onsite investigation is needed in some cases, such as soil quality assessments and certain conservation and engineering applications. It is very important to know the soil type before any land use decisions are made; to use the soil resource wisely and avoid costly mistakes.

* Search and Set AOI.
* Move across tabs on the top of page

Soil Maps – click on soil for map unit description

Soil Data Explorer – suitabilities and limitations, soil properties and qualities, Ecological Site Assessment, Soil Reports

* Table of contents on the left side, choices under each tab.

**WSS Exercise**

1. Use your home address to set your AOI around your home.
2. Look at the soil map and map unit legend. Which map unit has the highest number of acres in your AOI? Which map unit has the highest slope in your AOI? What are the soil names?
3. What is the rating for building local roads and streets in your AOI? What is the rating for using your AOI as a pond reservoir area?
4. What is the flooding frequency class for your AOI?
5. What is the Ecological Site for your AOI?
6. What plants are likely to grow in your AOI? What is the pH, hydrologic group, surface texture, and percent of clay for the soil with the most acres in your AOI?

Web Soil Survey on a Mobile Device:

<https://casoilresource.lawr.ucdavis.edu/soilweb-apps/>

More soils information:

<https://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/edu/?cid=nrcseprd1422817>

<https://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/newsroom/features/?cid=nrcseprd1374229>

<https://www.nrcs.usda.gov/wps/portal/nrcs/site/soils/home/>