

SOIL HEALTH SURVEY TRAININGS

August 4th, 2017 – St. Joseph and August 5th, 2017 – Kansas City



MO DIRT - Missourians Doing Impact Research Together, is a citizen science initiative to educate citizens on the importance of healthy soils and engage them in examining the current properties of our state soils and how these are being influenced by climate change. The **soil health surveys** are conducted by volunteer citizens working as individuals or in small teams (~2-5 people). They measure indicators of soil health in sites that are representative of natural systems (prairie, forest, woodland) or agricultural systems (grassland, crop fields, pastures). Urban or suburban gardens are not included. The sites are monitored monthly between February and November for at least one year. Participants can join any time. The data is entered in a data portal by the participants. These data offers baseline information that is shared through an open access online website. The data can be used by teachers to design lesson plans, farmers to decide land management strategies, and scientists to better understand soil-climate interactions.

| | ST. JOSEPH | KANSAS CITY |
|-----------------|--|---|
| When | August 4 | August 5 |
| Time | 3:00 – 6:30 pm | 9:30 am – 1:00 pm |
| Where | NW Regional Office, Missouri Department of Conservation (701 James McCarthy Dr., St. Joseph, MO 64507) | Lewis & Clark room, Anita B. Gorman Discovery Center (4750 Troost Av., Kansas City, MO 64110) |
| What | Participants will learn about soil science, how to monitor soil health by measuring soil physical, chemical, and biological indicators, and how to contribute data. If you decide to join the soil health surveys project you will receive a manual and a soil kit for free. | |
| Who | Volunteer citizens (teachers, students, land owners, youth groups, etc.). | |
| Cost | Free | |
| Register | MODirt@danforthcenter.org; 314.587.1412 | |
| Website | modirt.missouriepscor.org | |

