

SOIL HEALTH TRAINING and CITIZEN SCIENCE OPPORTUNITY

June 22nd, 2018 – Kirksville, MO



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 land use and climate change.

Participants of the soil health training will learn about soil health and how to measure physical, chemical and biological soil health indicators. They will have the option to join MO DIRT volunteers monitoring soil health. Volunteers work as individuals or in small teams (~2-5 people) measuring 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 (modirt.missouriepscor.org/soilhealthsurveys/search-data). The data can be used to make land management and conservation decisions and for teaching purposes.

WHEN: June 22nd, 2018, 1:00 – 4:00 pm.

WHERE: Kirksville High School (Outdoor classroom), 1300 S Cottage Grove Ave, Kirksville, MO 63501.

WHO: Volunteer citizens (farmers, teachers, high school students, land owners, youth groups, families, etc.).

COST: Free.

WHAT YOU WILL GET: If you decide to join the soil health citizen science project you will receive a manual and a soil kit free of charge.

TO REGISTER: Contact us at MODirt@danforthcenter.org or 314.587.1412, or fill the registration form online at: modirt.missouriepscor.org/node/1658.

VISIT MODIRT AT: modirt.missouriepscor.org



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