SCHOOL OF ENVIRONMENT AND NATURAL RESOURCES

GRADUATE EXIT SEMINAR

ELLEN MAAS

UNCERTAINTIES IN SOIL MODEL PROJECTIONS

With rapidly altering conditions on our planet due to population growth, climate change, land use change, and more, it is becoming increasingly difficult to secure our food and bioenergy supply. Historical farming methods are proving to be inadequate and unsustainable. But how do we find the way forward? Agroecosystem models might be the answer. We will explore two models, with a focus on their uncertainties, through three case studies. Two studies investigate the viability of sorghum as an energy crop grown at two sites in the southern US while the third explores the inclusion of remote sensing in the soil modeling process of a corn-soybean-wheat system.

Advisor: Dr. Rattan Lal

MONDAY, APRIL 6, 2020, 2 P.M.

Join the seminar via Zoom: https://osu.zoom.us/j/2368977554