

Notes from 3/22/2021 DSS Meeting

Attendees: Suzann Kienast-Brown, Skye Wills, Chad Remley

Discussion on report from USFS/NRCS postdoc. Currently getting the soil moisture data organized for Coweeta and Hubbard Brook.

Expecting to have a draft of the Coweeta raster map this fiscal year.

Discussion on DSS pilot project Fergus Falls:

- Site near Fergus Falls with DSP data over three management types, including conventional cropland converted to no-till practices, seems like the place to focus initially for proof of concept project
- DSP data sampled in 2018; potential for 5 year follow up sampling
- Organic Carbon seems to be likely candidate for DSP focus (could be sampled independently of KSSL using MIR by local staff – potential field office involvement for sampling)
- Updated Raster Soil Survey map units incorporate information gained from hillslope hydrology study at the other site Joe presented
 - Potential to use RSS map units to compare AWC between three different management practices in study area was mentioned

Discussion of data, use of MIR data to support estimates of Organic Carbon. How to tie component level information to grid cell?

Next meeting in April will discuss the Fergus Falls pilot project.

Questions to be discussed:

What management systems, component and soil depth will be represented?

What is the area of interest and representative management?

Use of MIR data to support the pilot project.