

# AMS update Ag Workgroup Feb. 16, 2017

Curt Dell, USDA-ARS

Matt Johnston, University of Maryland

# RUSLE2 sediment loss estimations

- STAC review of RUSLE2 simulation runs to estimate sediment losses indicated concern over selection of same management options
- Independent review by retired USDA-NRCS expert (Dave Lightle) consistent with STAC opinion
- AMS recommended revision of management input files for rowcrops, hay and pasture to be more consistent within land use and crop management zones.
- CBPO staff will work with Dave Lightle on revision
- Approximately three week task

# Incorporation of soil P information in the Watershed Model

- Modeling Workgroup requested input on soil P
- APLE model being used to estimate available P in soil, but in many cases APLE estimates notably higher values than those reported by soil testing labs
- Modeling staff considering correction factor that reflects strength of input data
- AMS has not yet make developed a recommendation