CORRELATION OF MAP UNITS - FLOW OF WORK

Survey Team
- Collects field data as per investigation plan or project plan
- Collects soil property data as assigned
- Assembles all available historical soil map unit data
- Performs spatial analysis as needed

MLRA SSO Leader
Analyzes quality and quantity of data

Does data meet NCSS standards for quality and quantity?

NO

Survey Team
Collects additional data as directed

YES

MLRA SSO Leader
- Summarizes data
- Performs further quality control of data
- Applies similar/dissimilar guide
- Begins correlation
- Develops map unit concept
- Applies naming conventions
- Drafts data mapunit worksheet

MLRA SSO Leader
- Adds **provisional** map unit to MLRA legend
- Selects pedons to represent components
- Ensures pedons are in NASIS Pedon
- Links pedons to components
- Directs NASIS data population of **major components**
- Performs quality control on data population
- Contacts State Interpretations Specialist to test interpretations

State Interpretations Specialist
- Tests interpretations on selected data set
- Provides MLRA SSO Leader with results and actions needed

MLRA SSO Leader
- Addresses actions needed as identified by State Interpretations Specialist
- Prepares materials related to field stop, if needed
- Adds approval of map unit to agenda for quality assurance review and notifies SDQS
- Sends SDQS draft of data mapunit worksheet and other pertinent ancillary materials

MO SDQS
- Performs quality assurance check of map unit field data
- Performs initial quality assurance check of NASIS data and interpretations
- Prepares comments on proposed and approved map units
- Prepares draft quality assurance review report
- Documents possible revisions to official series descriptions

MLRA SSO Leader
- Leads discussion on proposal to approve map unit at quality assurance review
- Notes comments related to map unit
- Amends data mapunit worksheet, if needed, and sends amended version to SDQS
- Makes appropriate **status change** to map unit legend
- Performs NASIS correlation actions
- Adds notes to Map Unit History in NASIS
- Ensures NASIS data population is completed for **all components** as per national and state guides
- Notifies State Interpretations Specialist when data population is completed and responds to queries
- Prepares revisions to official series descriptions as needed and submits revisions to SDQS

State Interpretations Specialist
- Tests interpretations on completed data set
- Contacts MLRA SSO Leader and SDQS of results and actions needed

MO SDQS
- Approves legend changes by making an entry in the Map Unit History table
- Performs quality assurance check of completed NASIS data
- Prepares quality assurance review report and circulates for comment and signature
- Processes revisions to official series descriptions, if any
- After all data issues have been addressed, changes map unit status to **correlated** and adds a note in Map Unit History table