

Digital Soil Mapping Field Week Application

Summary: Include project name, location, specific objectives of the project and the role of digital soil mapping to achieve objectives. (Less than 250 words)

Purpose: Explain how participation in the field week will support the goals of Soils2026

Background:

1. Provide overview of the project area
2. Identify local/regional office personnel that will be involved
3. Have potential participants met the field week requirement of the Introduction to Digital Soil Mapping training course?
4. Describe the knowledge and skills of local/regional personnel
5. List spatial data available for the project area - elevation data (NED or LiDAR), spectral imagery (Landsat, etc), and georeferenced soil field descriptions and laboratory data in digital form.
6. Describe the existing knowledge of the soil-landscape relationships and the land use concerns for the project area and any opportunities for expanding new knowledge to areas adjacent to the project area.

Expectations/Deliverables:

1. What does the field crew expect to achieve from the field week?
2. What does the field crew expect from the DSM Focus Team participants?
3. What are the anticipated product(s) that will be derived from this effort, including specified timelines?

Dates: Select several preferred weeks during field season (travel Sunday and Saturday)

Accommodations: What type of lodging, meeting space, and dining options are available, including nearest airport?

Cost: Estimate travel costs on a per member basis (per diem, lodging)

Topics/Schedule for the week: If selected to participate in the field week, this will be fully developed with input from the DSM Focus Team; however, a tentative agenda for the week is requested. This agenda should reflect the anticipated data gathering, modeling, and/or training needs associated with the designated project. The following agenda can be used as an example, but please expand with your own ideas:

- Introduction to project area, soil landform relationships
- Project objectives, opportunities for cooperators, process for sharing resources and knowledge
- Overview of DSM techniques
- Data collection, team assignment and goals
- Evening discussions
- Post-field week deliverables to include:
 - Soil class layer and selected suite of soil properties at defined depths
 - Support to soil survey office staff to meet their objectives
- Provide input for conducting future DSM Field Weeks:
 - Planning, research and training needs
 - Travel requirements

Questions? Feel free to contact Suzann Kienast-Brown (suzann.kienast@mt.usda.gov) or Tom D’Avello (tom.davello@wv.usda.gov)

Submit completed application to Suzann Kienast-Brown