**Practitioner Sub-Team meeting**

**5/18/21**

Participants:

* 1. Joe Brennen –
  2. Chad Ferguson
  3. Suzann Kienast-Brown
  4. Jessica Philippe
  5. Chance Robinson
  6. Stephen Roecker –
  7. Betsy Schug –
  8. Tiffany Smith –
  9. Alex Stum – absent
  10. Dave White
* Projection 6350 is universally read by software packages
* Raster Soil Survey levels (Dave, Joe)
* Soils2026 update and connection to RSS levels (Tiffany, Joe)

Action items

1. Chad will look into updating NSSH Part 648
   1. Standard projection
   2. Snapping grid
   3. RSS levels
2. RSS levels doc – everyone review and provide comments in Teams document before next meeting

Back burner

1. NASIS Milestones
   1. Detailed descriptions need to be updated based on new sequence (Joe/Chance)
   2. Assign lead for each milestone job aid (Dave)
2. Map unit kind (Dave/Joe)

**4/20/21**

Participants:

1. Joe Brennen – absent
2. Chad Ferguson
3. Suzann Kienast-Brown
4. Jessica Philippe
5. Chance Robinson
6. Stephen Roecker – absent
7. Betsy Schug –
8. Tiffany Smith – absent
9. Alex Stum – absent
10. Dave White

* WSS description of how soil surveys are made – include raster soil surveys
  + Refer to RSS page and WI soil page
* Standards
  + 6350 projection update
  + Snapping grid – instead of NLCD
    - gSSURGO (10m product), gNATSGO (30m product) in standards
    - gSSURGO binary grid for snapping – Chad will create
  + Chad will look at updating Part 648
* xTerrain tools
  + Jon Bathgate may be maintaining toolset
  + Chad will investigate
* Map unit kind/RSS levels
  + Map unit definitions
  + Uncertainty measures
  + Dave/Joe will circulate for feedback soon
  + This will become part of the policy completion of soils2026 will rely on
* Correlation guidance/legend creation and management for RSS is needed – we will put this on the priority list
  + Raster Soil Survey area type exists in NASIS
  + Legends are managed by state as indicated in Part 648
  + So maybe a lot of it is already there?

Action items

1. Chad will look into updating NSSH Part 648
   1. Standard projection
   2. Snapping grid
   3. RSS levels
2. NASIS Milestones
   1. Detailed descriptions need to be updated based on new sequence (Joe/Chance)
   2. Assign lead for each milestone job aid (Dave)
3. Finalize draft of map unit kind description/RSS levels (Joe/Dave)
4. Follow up with Wayne re: WSS (Suz)

**3/16/21**

Participants:

1. Joe Brennen
2. Chad Ferguson
3. Suzann Kienast-Brown
4. Jessica Philippe
5. Chance Robinson
6. Stephen Roecker – absent
7. Betsy Schug
8. Tiffany Smith
9. Alex Stum - absent
10. Dave White

* NASIS project subtypes
* Standards
  + 6350 projection update
  + Snapping grid – instead of NLCD
    - gSSURGO (10m product), gNATSGO (30m product) in standards
  + Chad will look at updating Part 648 – Suz will follow up
* Raster Mastery
  + Used GovDelivery and html
  + Github repo with R code from issues
  + Workflow
    - Develop content
    - Provide to Suzann for english edit
    - Pass to Dave for publication on GovDelivery
* NASIS milestones
  + Region 9 NASIS site has template for new projects
  + Standard national templates for all project types
  + Milestones available in NASIS
  + Detailed descriptions need to be updated based on new sequence (Joe/Chance)
* Github job aids repo/sharepoint (Dave)
  + Scripts
  + Milestone writeups
  + Keep source material docs/ppt on DSM FT sharepoint
* Milestone job aids – assign leads for each (Dave)
  + Review from practitioner sub-team
* Map unit kind – Dave and Joe will finalize a draft and circulate for review
  + Verbiage of relating a pixel to a map unit kind (represented as levels)
  + Levels linked to soil mapping order
  + Goal to get raster map unit kind and standard uncertainty info into NSSH then SSM
    - Need a proposal
* Soil Correlation
  + Working with Shawn and instructor cadre to update materials
* Google Cloud Services update – contract in place as soon as budget allocation comes through

Action items

1. Chad will look into updating NSSH Part 648 – standard projection and grid snapping guidance (Suz will follow up)
2. NASIS Milestones
   1. Detailed descriptions need to be updated based on new sequence (Joe/Chance)
   2. Assign lead for each milestone job aid (Dave)
3. Finalize draft of map unit kind description (Joe/Dave)

**2/16/21**

Participants:

1. Joe Brennen
2. Chad Ferguson
3. Suzann Kienast-Brown - absent
4. Jessica Philippe
5. Chance Robinson
6. Stephen Roecker - absent
7. Betsy Schug
8. Tiffany Smith – absent
9. Alex Stum - absent
10. Dave White

* NASIS milestones
  + Region 9 NASIS site has template for new projects
  + Detailed descriptions need to be updated based on new sequence (Joe/Chance)
* Github job aids repo/sharepoint (Dave)
  + Scripts
  + Milestone writeups
  + Keep source material docs/ppt on DSM FT sharepoint
* Milestone job aids – assign leads for each (Dave)
  + Review from practitioner sub-team
* Map unit kind – Dave and Joe will finalize a draft and circulate for review
  + Verbiage of relating a pixel to a map unit kind (represented as levels)
  + Levels linked to soil mapping order
* Training delivery schedule for Soil Correlation
  + Proposal to TFT meeting (2/22/21) to update existing Correlation course with DSM/RSS principals in existing structure, plus a module (Joe and Suz)
* Goal to get raster map unit kind and standard uncertainty info into NSSH then SSM
  + Need a proposal
* Spreadsheet for practitioner call, raster mastery, weekly assignments (Jess and Suz) – Complete
* Google Earth Engine
  + Still need training
  + Interest in creating standardized scripts for SPSD
  + need script that works with Sentinel Data – ask GTAC (Chance/others)

**12/15/20**

Participants:

1. Joe Brennen
2. Chad Ferguson
3. Suzann Kienast-Brown
4. Jessica Philippe
5. Chance Robinson
6. Stephen Roecker
7. Betsy Schug
8. Tiffany Smith – absent
9. Alex Stum
10. Dave White

* NASIS milestones
  + Joe provide more detailed descriptions to sub-team
  + Suz send edits to Wayne
* Github job aids repo/sharepoint (Dave)
  + Scripts
  + Milestone writeups
  + Keep source material docs/ppt on DSM FT sharepoint
* Milestone job aids – assign leads for each (Dave)
  + Review from practitioner sub-team
* Map unit kind – Dave and Joe will finalize a draft and circulate for review
  + Verbiage of relating a pixel to a map unit kind (represented as levels)
  + Levels linked to soil mapping order
* Training delivery schedule for Soil Correlation (Suz will talk to Shawn after 12/17)
* Goal to get raster map unit kind and standard uncertainty info into NSSH then SSM
* Spreadsheet for practitioner call, raster mastery, weekly assignments (Jess and Suz)