**ES Standards Committee meeting**

**10/10/24**

Participants:

1. Suzann Kienast-Brown
2. Shawn Salley
3. Dave White
4. Stephen Roecker
5. Jay Skovlin
6. Nathan Roe
7. Greg Schmidt

* Categorical data
  + Pixel contains ecosite ID, ecosite groups ID, etc that links to EDIT for interpretive information
* Continuous data is easy – no database needed
* Delivery
  + We will want to keep thinking about future delivery systems that don’t yet exist – imagine what we want and how the user could interact with the data
  + For now we have Data Gateway/Box or Google for delivery options
* Shawn will update the draft standards based on today’s conversation and group will review

**8/23/24**

Participants:

1. Suzann Kienast-Brown
2. Shawn Salley
3. Dave White
4. Stephen Roecker
5. Jay Skovlin

* Key takeaways
  + Do we need to change the NASIS data model or can we pull ESD from edit using a key already existing?
  + Do we need to create and define a new product – one that isn't tied to the SSURGO component?

**7/30/24**

Participants:

1. Suzann Kienast-Brown
2. Shawn Salley
3. Dave White
4. Stephen Roecker
5. Jay Skovlin

* How will RES products be delivered/populated/connected to the database? Which database?
* How does it connect with SSURGO?
* Pixels with ecological site class – NASIS
* Pixels with ecological site class state – EDIT
* State mapping will require similar data structure as NASIS map unit/component
  + Ecological site group (generalized scale concept, similar transition dynamics) – ecological sites (component scale concept) – ecological states
* BLM – conditions map of western US (state map)
  + Pixel could have site and state using **map unit ES key grid**
* Ultimate goal is to tie back to STM
* Define what we’re mapping
  + Classes independent of soil components
  + Mukey grid that will relate back to ESDs
  + What database?
    - Incremental chunks of new structure in database
    - EDIT? NASIS?
* Linkages to CART, CD – STMs are link between soils and conservation planning
* Next meeting: end of Aug
  + Shawn will provide conceptual diagrams
  + More discussion on data structure

**7/25/23**

Participants:

1. Suzann Kienast-Brown
2. Nathan Roe
3. Shawn Salley –
4. Stephanie Shoemaker
5. Tiffany Allen –
6. Joe Brennan –

* Summary from last couple of meetings not captured in minutes
  + Shawn drafting a section in Part 648 – 648.2 Raster Ecological Survey Mapping

**4/11/23**

Participants:

1. Suzann Kienast-Brown
2. Nathan Roe
3. Shawn Salley –
4. Stephanie Shoemaker
5. Tiffany Allen – absent
6. Joe Brennan – absent

* Process for developing standards
* Start with what you know and have applied – can be vague to begin
* NSSH Part 648
  + Does ES fit into this section or need a separate Part?
  + Overall structure
    - What applies
    - What doesn’t
    - What needs to be added
* RSSs are not always single component so there will be room for predictive ES products
* Do we use RSS or SOLUS for ES mapping?
  + National scale – properties
  + What about ES properties…could those be predicted?
* Focus on products
* Where is process outlined for ES? NI? Training?
* Action item
  + Everyone read Part 648 and we’ll discuss at next meeting