



# National Cooperative Soil Survey Conference

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## Standing Committee on Standards

### Co-Chairs

Craig Ditzler (NRCS)

Duane Lammers (USFS)

Tom Hahn (NRCS)



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We worked on 3 topics this week:

- Micaceous Soils Proposal (South Region)
- Subaqueous Soils Taxonomy Proposal (Northeast Region)
- Anthropogenic Deviant Concept (North-central Region)



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## Micaceous Soils Proposal

14 Separate recommendations were reviewed

- Morphology / Pedon Descriptions
  - Estimate % volume mica
  - < 2mm into two classes
  - “greasiness” classes (generally not agreed to)
- Taxonomy
  - Base family criteria on grain count (strike reference to % weight).
  - Drop paramicaceous, combine with micaceous.
  - Consider biotitic, muscovitic, micaceous mineralogy classes.
  - Encourage series to reflect differences for mica contents outside control section.



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## Micaceous Soils Proposal

- Interpretations
  - Test a slippage potential interpretation using slope, mica size, amount.
  - Consider a 2-tiered interpretation class system to separate low/high mica soils.
  - Procedure for adjustment to K-factor is needed.
- Database
  - Need to determine how to best accommodate changes that would impact pedon descriptions (pedonPC) and component records and interpretations (NASIS).
- Work group plans to have one more round of discussion to finish.



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## Subaqueous Soils Taxonomy Proposal

Described previously in this conference by Mark Stolt.

- Wassents & Wassists
- Will circulate with next set of proposals to revise Soil Taxonomy
- Need to assess impact outside of coastal areas.



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## Anthropogenic Deviant Concept

Neil Smeck presented the concept as presented at North central NCSS Conference and World Congress.

Integrated some reaction to comments from states indicating how they currently address correlation of human altered soils in past.

- We all agree that documenting the “genetic thread” is desirable.
  - Recommend that the MO’s record this information on the OSD’s of both the natural and altered soil series.
- We are still debating the details of how to best accomplish the goal .
  - Revise Taxonomy with a new category as proposed.
  - Use available correlation tools, modify if needed.