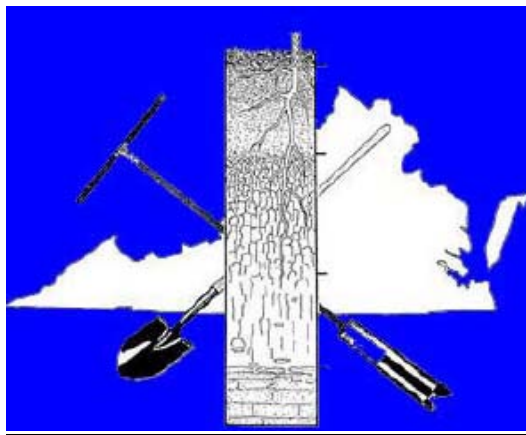


Virginia Association of Professional Soil Scientists (VAPSS)

2007 Annual Meeting and Fall Technical Session

October 15 and 16, 2007

Do Soil Color Patterns Accurately Predict Seasonal Saturation?



Doubletree Hotel, Richmond Airport

5501 Eubank Road, Sandston, VA 23150, Ph: 804.226.6400

Program Overview

The correlation between redoximorphic features and soil saturation has been used by soil scientists for many decades as a standard to make soil evaluations for on-site waste disposal. Soil scientists throughout Virginia and North Carolina commonly observe seasonally high water tables and saturated conditions for lengthy periods from winter throughout late spring. In a significant number of these seasonally saturated soils the soil color patterns observed would indicate high site suitability, yet winter saturation is observed within the regulatory depth. For such soils, our traditional interpretations utilizing soil color relative to drainage and seasonal saturation need to be reviewed. Over the past decade, there has been a certain amount of research data acquired and many field observations that attest to these conditions.

Thus, the VAPSS 2007 Fall Technical session program has been designed as a forum to address, discuss, and reevaluate what we know as scientists and practitioners of soil science. These are issues that are best addressed and resolved by soil scientists. Hopefully we will be able to present a clearer set of interpretations that can be applied across the Virginia and North Carolina region, and possibly beyond.

The program presentations are designed to focus on these issues with soil scientists from Virginia Tech, North Carolina State University, the Natural Resources Conservation Service, and the Virginia Department of Health leading the day long program. We have built in time for robust discussions and spirited debate relative to soil color and drainage issues and encourage all attendees in the conference to participate and be heard.

Lodging Information

Doubletree Hotel Richmond Airport

5501 Eubank Road
Sandston, VA 23150
Tel: 804.226.6400
Fax: 804.226.1269

A limited block of rooms has been reserved for the “Virginia Association of Professional Soil Scientists” meeting.

Deluxe King rooms are available for one or two occupants at \$99 per night. A \$10 charge is added for each adult over two to a room.

The group rate cut-off is September 14, 2007. Rooms may be available at a later date, but this rate will not be guaranteed beyond September 14th.

Check in time is 3pm. Check out time is Noon.

Directions to Hotel: Take the airport exit off I-64, I-295, 895, or 288. Follow Route 156 (Airport Drive) to Eubank Road.

Detailed Program and Schedule

Monday, October 15

8:00 – 8:30 am	Registration and Coffee – Presidential Ballroom
8:30 – 9:00	Welcome and overview of redox/color interactions in soils. <i>W. Lee Daniels, Virginia Tech.</i>
9:00 – 9:45	Redoximorphic features, terms and nomenclature. <i>Tom Saxton, Virginia Department of Health</i>
9:45 – 10:00	Coffee and Discussion Break
10:00 – 10:45	Correlating saturation with soil color patterns. <i>David Lindbo, N.C. State University</i>
10:45 – 11:30	Water table monitoring in functioning drainfields. <i>Jay Conta, Virginia Tech</i>
11:30 – 12:15 pm	Open Discussion Forum
12:15 – 1:30	Lunch (on your own)
1:30 – 2:15	Correlation of soil morphologic features with water tables and suitability for septic drainfields. <i>Erik Severson, Virginia Tech</i>
2:15 – 3:00	Soil Taxonomic description of certain redoximorphic features observed with seasonal water tables. <i>John Kelley, NRCS - Raleigh</i>
3:00 – 3:15	Afternoon Coffee/Drink Break
3:15 – 4:00	Summary of recent interpretative changes in VDH on-site regulations. <i>Jay Conta, Virginia Tech</i>
4:00 – 5:00	Closing Discussion Forum
6:00 – 8:00	VAPSS Business Meeting and Reception Presidential North (included in registration)

Tuesday, October 16

8:30 am Depart Hotel for Field Trip to Redox-Saturation Study Sites. Details will be provided on Monday the 15th. The field trip will last approximately four hours.

CEU information: The full program will equal 1.0 CEUs. Virginia Tech CEU certificates will be awarded to all full program participants. Registration includes the CEU fees.



Registration Form

Annual Meeting and Fall Technical Session

Monday and Tuesday, October 15-16, 2007

Doubletree Hotel, Richmond Airport

Please print or type registration form.

Attendee name:

Company (optional):

Mailing Address:

City, state, and zip code:

Phone:

Email:

Indicate amount enclosed: \$125.00 VAPSS member

\$150.00 nonmember

Registration must be received by October 10, 2007.

Checks made payable to VAPSS or payment by VISA or MasterCard is accepted.

**Mail your payment and this completed form to: VAPSS/Attn: Sue Brown,
Virginia Tech/CSES, 238 Smyth Hall – 0404, Blacksburg VA 24061**

or

Use our secure fax or email your form with the following required credit card information:

Credit Card Number	
Expiration Date	
CID Number (three digits on back of card)	
Complete Name on Credit Card	
Mailing Address for credit card bill	
City, State, and Zip	

E-mail: suebrown@vt.edu

Fax: 540.231.7630

Ph: 540.231.5741