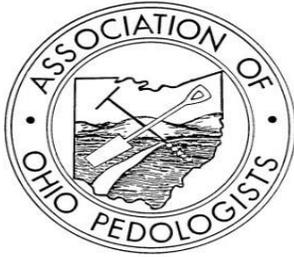


ASSOCIATION OF OHIO PEDOLOGISTS

OHIO SOIL PROFESSIONALS

[www.ohiopedologist.org](http://www.ohiopedologist.org)



PRESIDENT 'S FALL MESSAGE

From Larry Tornes



I would like to take this opportunity to thank the AOP Summer//Fall Workshop Committee that have worked so hard with the Executive Council in organizing an outstanding soils training workshop with the Indiana Association of Professional Soil Classifiers. See the draft agenda for this September 14 and 15 workshop in this newsletter.

Under Frank Gibbs leadership in the Ohio portion of the workshop, this group has developed a program with field stops that gives the membership and others from ODNR, NRCS, students, Health Departments, etc. the opportunity to study soils and geology in the Illinoian glaciated portion of Ohio and Indiana.

Many special field and laboratory studies have been conducted to determine whether the soils have fragipans. This is an issue soil consultants face daily when completing soil site evaluations in soil associations where fragipans are common. You can easily determine whether most soils have fragipans in backhoe pits; however, it is more of a challenge where this determination must be made with a bucket auger. Hope you can join us for this workshop.

**The Association of Ohio Pedologists and Indiana Soil Classifiers  
Combined Workshops**

**September 14-15, 2017 (Thursday-Friday)**

**"Soils of The Illinoian Till Plain ~ Clermont/Cobbsfork and Associated Soils"**

**Register for one day or register for two and double your fun!**

Sept 14: Clermont County, Ohio Fair Grounds, Municipal Building, 1000 Locust St, Owensville, OH, 45160

Sept 15: SouthEast Purdue Ag Center, 4425 East 350 North, Butlerville, IN, 47223

10.75 CEUS available for \$80 dollars and two days.

The AOP continually strives to offer training sessions that expand our members hands on experiences as well as earn CEUs. This year's training with our colleagues from Indiana will provide experience, CEUs and low cost. **Please note the registration deadline fo Day 1 is Aug. 25** . We will be using busses on Day One and we need to commit on the number. The deadline on day 2 is Sept. 1. To receive the block rates at the hotels also requires early reservations with the hotels.

AOP and the ISCC do have separate registrations to keep costs and fees straight, you will need to send a separate registration to Indiana for Day 2. The total cost for the 2 days is \$80, \$55 for Day 1 and \$25 for Day 2. Please read carefully!

Come and study these high silt soils both states. They are hard to manage, poorly drained and low in organic matter in terms of Soil Health Practices, Drainage, Septic Applications and Hydric Soil Indicators.

Listen to geologists explain the formation of the Illinoian Till and associated Paleosols. Examine a Deep Core Sample and Stream Cut into the Tills.

Examine Soil Pits and Discuss Lab Data at Instrumented Sites under different Management Practices. Discuss the Differences of these Soils and their Challenges with Soil Scientists across the State Line.

**Registration: \$55 for Day One in Ohio (7.25 SSSA CEUS) and/or \$25 for Day Two in Indiana (3.5 CEUS)**

**We are inviting students from OSU and Wilmington College for Day 1. This will be an opportunity to get to know them on the busses and in the field. Our replacements are extremely important to AOP.**

## Lodging & Social Arrangements (On Your Own)

Sept 14th at 7:00pm - Optional Meal Social at Pappadeaux 11975 Northwest Blvd., Springdale, OH 45246

<https://pappadeaux.com/location/42> ( North side of I-275 just off of SR 4)

Email your Reservation by Aug. 31 to Frank Gibbs at

[fegibbs21@gmail.com](mailto:fegibbs21@gmail.com)

**Sept 14th Evening: Winton Woods Camp Ground** 10245 Winton Road, Cincinnati, OH, 45231 Experience The Indiana Classifiers

Annual Camp Out: Wild Tales and Wild Turkey around the Camp Fire. Camp out or just come to visit a while (carpooling highly

recommended). Reservations at: <http://www.greatparks.org/parks/winton-woods/winton-woods-campground> (Book Soon...!!!).

### Nearby Hotel Blocks Reserved at Special Rate on the I-275 Outer belt in Northern Cincinnati:

**Spring Hill Suites**, 12001 Chase Plaza Drive, Cincinnati, Ohio 45240: 25 rooms until August 13th at the rate of \$98.00 per night plus tax (\$114). These rooms have a king bed with pull-out or two double beds with a pull-out.

**Quality Inn & Suites**, 2463 East Sharon Road, Cincinnati, Ohio 45241: 25 rooms until August 22 \$81/night plus tax. These rooms have a king bed or two queen beds.

**La Quinta Inn**, 12150 Springfield Pike, Cincinnati, Ohio 45246: 25 rooms until August 23 \$62/night plus tax; these rooms also have a king bed or two full beds.

Book Soon to Receive the Discounted Rate!!!

THE TENTATIVE AGENDAS FOR DAYS ONE AND TWO ARE BELOW. We use the word tentative since the weather can always interfere and sometime adjustments are made on the fly. These areas are mainly wet normally. But we hope and plan for the best experience.

### **Tentative Agenda and Registration (Day 1 in Ohio)**

#### **Agenda Sept 14th-Day One (Thursday)**

Clermont County, Ohio, Fair Grounds: Municipal Building, 1000 Locust St, Owensville, Ohio, 45160

8:00 – 9:00 – Registration, Donuts and Coffee (Clermont and Cobbsfork Cores Displayed to Examine)

9:00 – 9:15 – F Gibbs and D Anderson - Discussion of Field Trips Activities and Joint Workshop Objectives

9:15 – 9:30 – Mike Angle (Geologist) Power Point Discussion of Illinoian Till Formation/Distribution in Ohio and Indiana

9:30 – 11:40 – Group Splits, Group 1: Julie Weatherington Rice – Clermont Deep Cores into Illinoian Till  
 Group 2: Mike Angle – Board Buses nearby for Back Bone Creek Till Cut  
 Groups Rotate

11:40- 12:00 – Drs. Bigham/Smeck/Ransom – OSU Lab Data and Research Sites including Fragic Properties and Water Table Data, Implications for Division of Clermont such as Westboro with Fragic Properties/Schaffer with a Fragipan in Ohio

12:00 – 12:45 – Catered Lunch (Roast Beef, Pork Loin, Potatoes, Vegetables, Salad, Rolls, Pie and Drink)

12:45 – Board Buses and Depart for Field Sites- Land Forms Discussion on Route

1:00 – 5:00 – Field Sites Examine Pits, Discussion of Implications for Soil Health, Drainage, Septics, and Hydric Soil Indicators

Stop 1, Etienne Farm (Wagon Shuttle to Pits)

2 pits – 1 in “cropped” Clermont, 1 in wooded Clermont site (Group Splits and Rotates).

-Matt Deaton to discuss Soil Quality Study from 2006 and lead Discussion.

Stop 2, Indian Creek Wildlife Area

2 Pits – 1 Each in Westboro/Schaffer Soils evaluating fragipan vs fragic characteristics

(Most in Ohio have been Split into Westboro/Shafer). (Group Splits and Rotates)

John Allen and Dr. Bigham to lead Discussion

5:00 - Return to Meeting Site and Travel to Winton Woods for Camping  
<http://www.greatparks.org/parks/winton-woods/winton-woods-campground>  
and Nearby Hotel Blocks Reserved at Special Rates in Northern Cincinnati:

Sept 14th at 7:00pm - Optional Meal Social at Pappadeaux 11975 Northwest Blvd., Springdale, OH 45246  
<https://pappadeaux.com/location/42> ( North side of I-275 just off of SR 4)  
Email your Reservation by Aug. 31 to Frank Gibbs at  
[fegibbs21@gmail.com](mailto:fegibbs21@gmail.com)

### Registration Sept 14<sup>th</sup>-Day One (Thursday)

A registration fee of \$55 for Day One includes the technical program, a catered lunch, and bus transportation between study sites. Lodging/camping is on-your-own. **Note: Students actively enrolled in a university program receive free registration from the Association of Ohio Pedologists for Day One but must register in advance.**

### Professionals:

Send a personal check in the amount of \$55 made payable to the Association of Ohio Pedologists by August 25 to:

Mr. Jon Gerken  
5890 Rauch Rd.  
Carroll, OH 43112

### Students:

Send the following information by September 1 to Mr. Jon Gerken at the above address:

Name: \_\_\_\_\_

University: \_\_\_\_\_

Program or Major: \_\_\_\_\_

Faculty Advisor: \_\_\_\_\_

## Tentative Agenda and Registration (Day 2 in Indiana)

### Agenda Sept 15<sup>th</sup>-Day Two (Friday)

2017 INDIANA ASSOCIATION OF PROFESSIONAL SOIL CLASSIFIERS ANNUAL FALL TOUR

SOUTHEAST PURDUE AGRICULTURAL CENTER

BUTLERVILLE, IN

September 15, 2017

9:00-9:30 REGISTRATION

9:30-10:00 WELCOME AND INTRODUCTIONS

10:00-10:30 OVERVIEW AND HISTORY OF FIELD SITES

10:30-12:00 TRAVEL TO AND REVIEW FIELD SITES/PITS IN AG LAND VS. FOREST LAND COBBSFORK AND AVONBURG SOILS

12:00-1:00 LUNCH/DOOR PRIZES

1:00-2:00 IAPSC BUSINESS MEETING

2:00-3:00 FIELD SITES IN CINCINNATI AND BLOCHER SOILS PIT – SEPTIC INTERPRETATIONS

3:00 ADJOURN – SAFE TRAVELS!

### Registration Sept 15-Day Two (Friday)

A registration fee of \$25 for Day Two includes the technical program and lunch. Lodging/camping is on-your-own.

To register, send a personal check in the amount of \$25 made payable to the Indiana Soil Classifiers by September 1 to:

Ms. Dena Anderson  
6939 S. Majors Rd.  
Hanover, IN 47243

If you wish to use a credit card number you may contact Dena Anderson for more information. AOP currently does not have that capability.

The following photos are to get your fingers and lips moist. Plan on getting into the wild soil scientist habitat and getting a little Dirty...



AOP/IN Classifiers Workshop Committee Members at Purdue SE Ag Center setting up Pit Locations

#### 1 WESTBORO AND SHAFFER PIT LOCATIONS IN INDIAN WILDLIFE AREA



Matt Deaton, AOP, shows typical fine platy structure in the surface of these high silt soil when farmed that restricts water movement.



Cobbsfork Soil Long Term Instrumented Site in Woods at Purdue SE Ag Center



Hydric Soil Indicator F<sub>3</sub>, Depleted Matrix on Cobbsfork Soil



Crawfish Chimney with spike rushes, just inches lower in micro-topography than the newly planted soy bean field in the back ground on Cobbsfork Soils, illustrating how difficult these soils are to drain.



Fractured Illinoian Till along Backbone Creek in Clermont Co., OH.