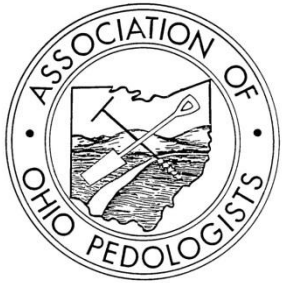


Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1



Ohio's Professional Soil Scientists

2023 Spring-Summer Newsletter Volume 50, Issue 2-3 Part 1 Fall Field Days Special Edition

Message from our president – Kathy Sasowsky

Greetings from your new AOP President!

I started my interest in the environment in childhood. “Back in my day...” children were told to “get out of the house and come home when you are either hungry, or when it gets dark.” As a result, I spent much time outside, especially during the summer when school was out. I grew up in a unique location in northwestern Pennsylvania: it was a small college town in a rural area where my parents had 7 acres at the edge of town, surrounded on 2 sides by farm fields, and a third side by a swamp. My Dad was an avid vegetable and flower gardener (and the son of a nursery owner, at one time). We kids were “employed” to follow behind the tractor and pick up rocks every Spring and throw them into its trailer. (If you wonder about the logic of teaching a group of kids to throw rocks, you clearly grew up in a different period of time!)

You see, that portion of Pennsylvania is very similar to northeastern Ohio, where I now live because both were glaciated. My Dad let me know that our soil was Phelps and Howard silt loams (they formed on outwash, hence all the rocks each Spring); he claimed it was the best soil: silty and fertile. So, I knew: 1) soils had names and 2) soils could have differences and ours was “the best”.

Given that the area was glaciated, we also had the “best” rocks – well-rounded (outwash), crystalline (igneous and metamorphic) rocks from Canada! These were present in many driveways, where we’d squat or sit for hours and pull out the prettiest ones. I’ve been told by my Cuyahoga Community College students that the wonderful quartz pebbles are locally called “luckies”; boy I was lucky! I also started my own first garden when I was 15 or 16 yrs. old. My older brother had gotten a ton of those cheap evergreen trees from the Soil and Water Conservation District and had a few extra that he gave to me to plant...that lead to many more things to plant, at my Dad’s suggestion since he had too many vegetable seedlings in his greenhouse.

Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1

My Mom was a staunch environmentalist throughout my youth in the 1960's and early 1970's. She fought against a local developer's filling of "our" swamp. She also worked with the town to clean up Edinboro Lake (an artificially enlarged kettle lake) which suffered from algae blooms. The cause of these blooms were the lack of septic systems for the cottages on its shores, upstream farms' over-fertilization and erosion, and developer's dredging of the upstream wetland. Mom refused to use phosphate-containing laundry detergents and told us kids how that related to the lake eutrophication. She also started a township recycling program because there was not any in our area; volunteering all of us to smash cans, bottles, and bind up newspapers and cardboard. (Yes, more child labor without any safety glasses.)

When it came time to pick a major in college, after an environmental resources class (where I actually found out there were soil scientists!), I pursued a major in Agronomy, Soils concentration at Penn State. Only later did I realize that my maternal grandfather (a chemistry professor at Penn State) had a master's degree in soil chemistry from Ohio State! So, I guess I have an ancestry in soils and the environment.

I am hoping to hear what you want from AOP because no group is better than the members.

Your new President, Kathy Sasowsky, kathryn@sasowsky.com (330)-670-0455.

P.S. I am still looking for my first arrow head, said to be best found in the Spring when frost heaving brings them up like the rocks in Dad's garden.

Soils are life Soils are life Soils are life Soils are life Soils are life Soils are life Soils are life Soils are life Soils

We are grateful to present our 2023 Council, which includes many continuing Council members:

President: Kathy Sasowsky, kathryn@sasowsky.com, (330)-670-0455.

President-elect: Joe Ringler, joeringler@yahoo.com

Past President: Matt Sullivan, Sullivan.64@osu.edu

Secretary: M. Scott Demyan, demyan.4@osu.edu

Treasurer: Rick Griffin, rgriffin1741@gmail.edu

Newsletter Editor: Julie Weatherington-Rice, aopeditor2020@gmail.com

Member At-Large: Jessica Martin, jessica.burns@usda.gov

Member At-Large: Anna DeFosset, anna@clearcreekseptic.com

Member At-Large: Reed Johnson, Reed.Johnson@usda.gov

Digital Information Manager: Anna DeFosset, anna@clearcreekseptic.com.

Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1

Your AOP Executive Council works to help all soils professionals in Ohio. If there are topics that you'd like to learn more about at our Field or Annual Meetings, please contact any Council member.

News from our Treasurer, Rick Griffin Annual Dues for 2023, Have you paid yours yet?

Dues payments - 2023

Name: _____

Do we have your correct contact information? Please provide contact information (only if there are changes to your previous contact information or if you are not getting the AOP newsletter by e-mail):

Street Address _____

City, State, Zip Code _____

Email Address _____

Phone number _____

Association of Ohio Pedologists Membership Dues starting 2023 (and dues for 2022, if you haven't paid)

For members approved as Professional.....\$40

For members approved as Affiliate Members and Student Members.... \$20

Category of Membership (circle one): Professional, Affiliate Member, Student Member,

Honorary (No annual dues)

AOP Dues Amount: _____

Contributions to Scholarship Fund: _____

Continuing Education Fund: _____

TOTAL AMOUNT ENCLOSED: _____

Make checks payable to AOP and send to:

Rick Griffin, AOP Treasurer

937 Laurel Ave.

Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1

Zanesville, OH 43701

You can also pay on line.

In addition, we would like to hear from you regarding membership and meeting topic ideas.

Registration Form 2023 Association of Ohio Pedologists (AOP) Fall Workshop *Exploring Soils near the Continental Divide* Region 5 & 6: Huron and Richland County, Ohio

Notes:

*–College students must register for the meeting so that we have a **lunch** count and adequate seating, but fees are waived.*

*– Speakers do not need to register unless they would like to for continuing education or other professional credits or plan to join us for **lunch**, but fees are waived.*

– Vegetarian and some other options will be available for lunch. We trust that if you have dietary concerns, you will be able to pick and choose among lunch options, or will take responsibility for your own lunch separately.

Mail this page and payment to:

Rick Griffin, AOP Treasurer,

937 Laurel Ave., Zanesville, OH 43701

Questions, call: Rick Griffin 740-273-2426

Name: _____

Street Address: _____

City, State, Zip Code: _____

Email address: _____

Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1

Affiliation/Employer: _____

Contact phone number: _____

Please Select your registration options:

2 days _____ \$75

Thursday only, 1 day _____ \$40 (free for speakers and college students)

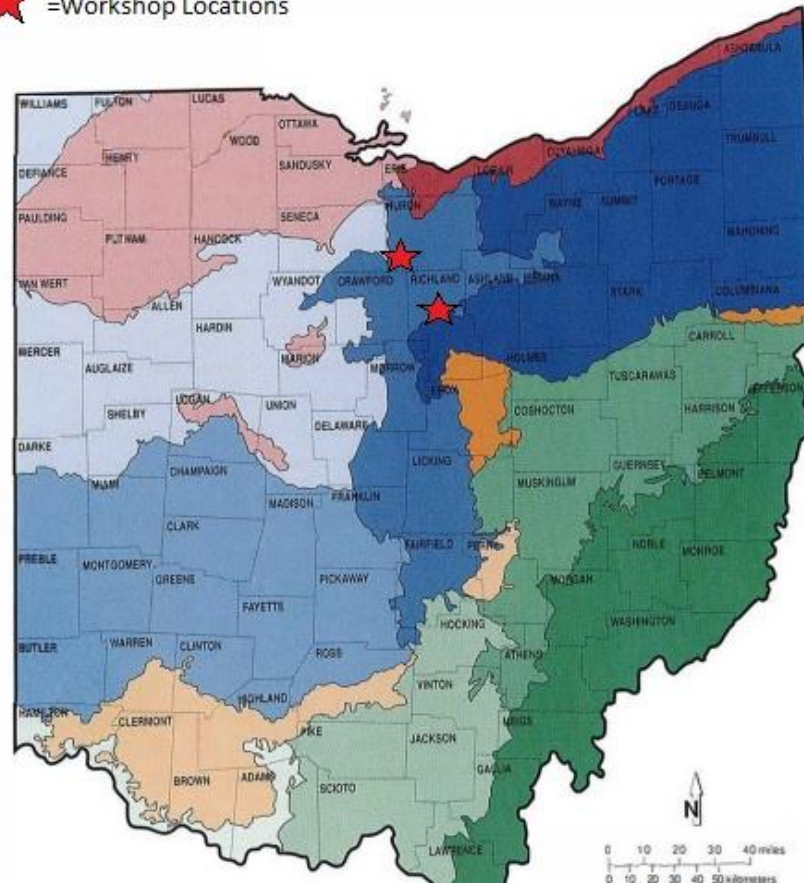
Friday only, 1 day _____ \$40 (free for speakers and college students)

Please Note: _____ I am a college student _____ I am a speaker

Amount enclosed: _____ (Checks payable to AOP)

Soil Regions of Ohio

★ =Workshop Locations



Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1

Thursday, October 5, 2023

Workshop Location: OARDC Muck Research Farm, 5875 St Rt 103 S., Willard, OH 44890

- | | |
|----------------------|---|
| 8:00 - 9:00 | Registration, Fellowship, and Refreshments
OARDC Muck Research Station Farm |
| 9:00 - 9:10 | Kathy Sasowsky – AOP President
Welcome |
| 9:10 – 9:30 | Bob Filbrun - Ohio State OARDC Muck Research Farm Manager
Overview of current research projects at the Muck Research Farm and Upcoming Events and Research Projects |
| 9:30 – 10:30 | Thomas Valachovics – ODNR Geologic Survey
Geology of the Region and Formation of the Marsh Area |
| 10:30 – 10:45 | Break |
| 10:45 – 12:00 | Vibracore Demonstration and Soil Pit/Examination
Exploration of Linwood Muck Soil at the Research Farm |
| 12:00 – 1:00 | Lunch – Felty Farms
Pulled Pork Sandwiches, BBQ Chicken, Green Beans, Salad, |
| 1:00 – 1:30 | Justin Harrington – ODNR Wildlife Division
History, Research, Features of the Willard Marsh Wildlife Area |
| 1:30 – 2:00 | Observing the Pinnebog Core
Core taken from the Willard Marsh Wildlife Area |

Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1

- 2:00 – 3:00 Wier Farm Tour
Website: <https://www.wiersfarm.com/>
- 3:00 – 3:30 Travel to Laferty Property
1655 Plymouth East Rd
Plymouth, OH 44865
- 3:30 – 5:00 Soil pits Bennington/Cardington
Observe a large scale percolation test

Friday, October 6, 2023

Workshop Location: OSU Mansfield Campus, 1760 University Drive, Mansfield, OH 44906

Please Park in Lot 4. The workshop will begin in the auditorium of Reidl Hall Rm 151.

Morning Refreshments will be provided in the main lobby of Reidl Hall.

***Important Note* No food or drinks are permissible in the auditorium Rm 151.**

Social time with refreshments will be in the main lobby on the first floor.

- 8:00 – 8:30 Registration and Fellowship and Refreshments**
Ohio State Mansfield Campus, Reidl Hall Lobby
- 8:30 – 8:40 Joe Ringler – AOP President Elect**
Welcome and overview of the agenda Reidl Hall Auditorium Rm 151
- 8:40 – 9:00 Kathy Smith – OSU Extension Woodland Specialist**
OSU Mansfield Campus Woodland history, research, and upcoming workshops
- 9:00 – 9:30 Thomas Valachovics - ODNR Geologic Survey**
Geology of Area

Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1

- 9:30 – 10:00** **Break and Travel to the Woods**
- 10:00 - 12:00 **Soil Pits Rittman/Wadsworth in the Woods**
Wadsworth/Rittman soil pit on former crop field now woods
Rittman soil pit on the travel lane
(Optional discussion on legacy trees grapevine management)
- 12:00 – 1:00 Lunch – OSU Mansfield Campus Market Place
Penne pasta w/marinara and Alfredo sauce, meatballs and grilled chicken, garlic
Bread, side salad (build your own at the salad bar) cookie, fountain drink
- 1:00 – 2:45 **Kathy Smith** – OSU Extension Woodland Specialist
Sugar Bush Tour
- 2:45 – 3:00 Travel to Hudson and Essex
51 E 4th Street
Mansfield, OH 44902
Park in Public Parking Lot. Free parking Downtown Mansfield
- 3:00 – 4:00 **Prohibition at the Cavern** – Hudson and Essex
19th century man made cavern for storing beer
- 4:00 – whenever Socialize in Downtown Mansfield

Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1

Update on Newsletter mailings

This is the second mailing of the newsletter to a much shortened list of recipients. Unless you paid 2022 dues, or are an honoree member or a contact person to a sister Agency, you have been taken off the list. This has been a very hard decision as I removed a number of names of old, dear friends. If you were on the Consultants list and have not paid the 2022 AOP dues, you will also be removed from that list.

Reactivating the AOP Awards Committee

Matt Sullivan and Kathy Sasowsky are reactivating the Awards Committee in time to make awards to AOP members at the upcoming Fall Field Days Meeting. We need your help. If you know of an AOP member deserving an award for outstanding contributions to the organizations please let Matt or Kathy know. If you want to be part of the committee, please feel free to volunteer. We would love to have you. We are juggling a whole lot of balls right now and would really appreciate help.

Rep. Mary Lightbody's H.B. No. 579 will be reintroduced in 2023.

Rep. Lightbody, now Ohio House District 4, presented her H.B. No. 579 during the last weeks of the 2021-22 Ohio Legislative Session. The bill bans the use of oil and gas waste "brine" production fluids on Ohio's roads for ice and dust control. ODNR Oil and Gas Management have been trying to ban this application since the 1980s. As we were in the waning hours of the Lame Duck Session, no further testimony was scheduled. However, Rep. Lightbody is planning to introduce her bill again this year as soon as it fits into the Legislative schedule. She is looking for a Republican Co-Sponsor in the Ohio House and for sponsors of both parties for the Ohio Senate. If any of you have representatives or senators who have demonstrated concerns about the health and safety of all Ohioans and concern for preventing environmental contamination, please let me know and I will forward possible contact information.

Future meeting announcements and cancelations

From Kathy

Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1



Soil Hydraulic Conductivity Technical Session

August 3rd and 4th 2023 at Delaware Valley University, Doylestown, PA

Presented by

Pennsylvania Association of Professional Soil Scientists

In cooperation with Delaware Valley University

Class held in the Mandell Science Building, Delaware Valley University; Invited Speakers:

Aziz Amoozegar, Ph.D., Department of Soil Science North Carolina State University

Ryan D. Stewart, Ph.D., School of Plant and Environmental Sciences Virginia Tech University

Alan Farsad, Ph.D., President, SoilMoisture Equipment Corp., 801 S. Kellogg Ave., Goleta, CA

Soil Hydraulic Conductivity Technical Session

August 3rd and 4th 2023 at Delaware Valley University, Doylestown, PA

Presented by

Pennsylvania Association of Professional Soil Scientists

In cooperation with Delaware Valley University

Class held in the Mandell Science Building, Delaware Valley University; Invited Speakers:

Aziz Amoozegar, Ph.D., Department of Soil Science North Carolina State University

Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1

Ryan D. Stewart, Ph.D., School of Plant and Environmental Sciences Virginia Tech University

Alan Farsad, Ph.D., President, SoilMoisture Equipment Corp., 801 S. Kellogg Ave., Goleta, CA

This two-day secession will have oral presentations from the three invited speakers on August 3rd. The oral presentations will be on Darcey's Law; How to measure soil hydraulic conductivity; Various test methods to determine hydraulic conductivity; and Calculating soil hydraulic conductivity. The long-term acceptance rate for wastewater application to soil and stormwater infiltration will be discussed. On the morning of August 4th field demonstrations of various methods of measuring soil hydraulic conductivity will be presented. In the afternoon, the data will be reviewed in the lecture hall to calculate the soil hydraulic conductivity. A comparison of the various methods of measurement and results will be discussed.

Registration is \$275 for PAPSS, MAPSS, VAPSS, NJAPSS and PASEO members if received by 7/28/23.

Registration for all others is \$300 if received before 7/28/23.

Registration is \$350 for all registrations received after 7/28/23 or at the door.

The registration fee includes lunch for both days and break refreshments on August 3rd.

A block of rooms will be reserved near the DVU campus for overnight lodging. (Link on page 2)

PA SEOs! This has been approved by PA DEP for 4 Continuing Education Conference Credits!

Please register by printing and completing the attached registration form. Scan the completed registration form and email to Sue Miller at: sue6951@aol.com. Please mail the originals to Sue Miller, PAPSS Administrator 1130 Boiling Springs Road Mechanicsburg, PA 17055. If you have any questions regarding the session, please call Joseph A. Valentine at 267-784-6773. the fee check and 1130 Boiling Springs Rd., Mechanicsburg, PA 17055; admin@papss.org

Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1

Soil Hydraulic Conductivity Technical Session

August 3rd and 4th 2023 at Delaware Valley University, Doylestown, PA

Registration Form:

Name: _____

Address: _____

Best Contact phone number: _____

Email: _____

Dietary preference: _____

Block of rooms reserved at:

Hampton Inn Doylestown

1570 Easton Rd. Warrington, Pennsylvania 18976 USA

Booking Link:

<https://www.hilton.com/en/book/reservation/deeplink/?ctyhocn=DYLPAHX&groupCode=CHHPTS&arrivaldate=2023-08-02&departuredate=2023-08-05&cid=OM,WW,HILTONLINK,EN,DirectLink&fromId=HILTONLINKDIRECT>

☑ Guests can call in directly at 215 343 8400 and mention the dates or use the link below that inputs the group code **PTS**. This can also be entered manually on the Hilton website under special rates if it does not show.

☑ The release date for the block is 8/01/23. After this date, the link will no longer work. Rate is still honored for those that call directly, but on a first come first serve basis with any availability that remains.

Association of Ohio Pedologists Newsletter Volume 50 Issues 2-3 Part 1

From Julie: Mack Industries (I am presenting the AOP ODH PowerPoint on septic limitations three times this summer at these workshops). These workshops will earn a day's worth of continuing Education credits

ANNUAL OPEN HOUSE

We are pleased to announce we are hosting our Annual Residential Wastewater Open Houses for 2023. This year we are offering several dates and locations!

EARN CEU'S

We are pleased to continue to offer a 6-hour CEU Class.

RSVP to one of our great events to learn more about what's new in Residential Wastewater! In addition you will receive 6 hours of continuing education credit! Be sure to pre-register today to secure your place.

**July 21st
Vienna, OH
August 4th
Mount Vernon, OH
August 18th
Valley City, OH**

**SAVE
THE
DATES!**

MACK INDUSTRIES, INC.

2207 Sodom-Hutchings Road
Vienna, OH 44473

Valley City Community Center

6801 School Street
Valley City, OH 44280

MACK INDUSTRIES, INC.

400 Howard Street
Mount Vernon, OH 44050

RSVP TODAY!

servicedept@mackconcrete.com

www.mackconcrete.com/events

(866) 482-6225

ANNUAL OPEN HOUSE

Coffee and refreshments will be available at registration and lunch will be provided later in the day. Don't forget to pick up a Mack Booth Punch Card! Each Station offers an opportunity to have your card punched and at the end of the day leave your card to be entered in a \$200 Visa Card Drawing!

Registration

7:30 - 8:00

Designing ODH Approved On-Site Wastewater Systems

8:00 - 9:00

Presentation by: New Septic LLC

On-Lot Septic Field Limiting Conditions:

What are they? Where are they found? Why do they Matter.

9:00 - 10:30

Presentation by: Rice, Bennet and Williams Environmental Consultants Inc.

Break

10:30 - 10:45

ANUA Pad Dispersal Drainfield Option Per Ohio Administrative Code Chapter 301-29

10:45 - 12:00

Presentation by: ANUA

Lunch and Break-Out Sessions

12:00 - 1:00

ANUA Pad Dispersal Drainfield Option Per Ohio Administrative Code Chapter 301-29 - Continued

1:00 - 2:00

Presentation by: ANUA

Break

2:00 - 2:15

Norweco Approved Systems for use in Ohio

Association of Ohio Pedologists Newsletter Volume 50 Issue 2-3 Part 1

2:15 - 3:00

Presentation by: Norweco

Introduction to Eljen, Design Factors and Utilizing Eljen products

3:00 - 4:00

Presentation by: Eljen Corporation

AOP Scholarships Announcements

We are pleased to announce that the 2023-24 AOP Scholarship has been awarded to Megan Conklin. We must also note that she was our only applicant so our second scholarship was not awarded. This is the second time Megan has been awarded a scholarship from AOP. This time it's for her last class. We think she embodies the skill sets and spirit that we are hoping to find in the next generation of soil scientists.

Her letter of application:

Megan Conklin, REHS
 Program Manager, Cuyahoga County Board of Health
mconklin@ccbh.net or army_girl91@yahoo.com
 (330)207-0778
 May 7, 2023

To the AOP Scholarship Committee:

I am currently attending North Carolina State University (NCSU) in their Soil Science Certificate Program. The program is 15 credit hours, or five classes, and the classes meet the education requirements for the Certified Professional Soil Scientist (CPSS). I have just completed my fourth class in the series (Wetland Soils) and thus have one more, which I plan to take in Spring of 2024.

The following is my planned course of study:

COURSE NUMBER	COURSE NAME	Fall 2020	Spring 2021	Spring 2022	Fall 2022	Spring 2023	Spring 2024
Completed Courses:							
North Carolina State Univ.	SSC 200 Intro to Soil Sc.	*					
	SSC551 Soil Morphology		*				
	SSC 541 Soil Fert.				*		
	SSC 470 Wetland Soils					*	
Remaining Courses:							
	SSC 562 Environ. Applications						*

For the past 13 years, I have worked for the Cuyahoga County Board of Health (CCBH), the past nine as a Program Manager. Prior to that, I was an Environmental Science Officer in the United States Army. I currently serve as the Sewage Program Manager in the Watershed Protection Unit at CCBH. Fortunately, my workplace offers tuition assistance, at a rate of about \$2,700 per year. That amount is enough to enroll in one class per year, although the tuition for Distance Education at NCSU has increased to about \$3,500 a semester. I have been able to use this assistance for all four of my classes to date. In order to keep up the momentum of finishing this certificate, I would like to take "Environmental Applications" next spring, but will not have the additional funds or tuition assistance

Association of Ohio Pedologists Newsletter Volume 50 Issue 2-3 Part 1

from my employer. This is the reason for my application, to cover the “gap” in funds and finish the certificate in the Spring of 2024.

I first became interested in the field of soil science several years ago when I attended the Ohio Department of Health’s (ODH) “Midwest” Conference. This conference is an avenue for sanitarians to get updates and continuing education on mandated environmental health programs in Ohio. Dr Weatherington-Rice was a speaker, and gave a presentation about soil characteristics in Ohio, and how those characteristics influence sewage treatment systems. The presentation filled some gaps in knowledge I previously had, because in Cuyahoga County, onsite absorption systems are rarer than in other parts of the state, due to smaller lot sizes and shallower, heavy soils. At that time, as a newer sanitarian, I was not viewing soil reports or approving septic design plans. The field of soil science was completely unknown to me. When I would inquire to others sanitarians about the credentials of a soil scientist, I was told that becoming one was an arduous process and not really worth the time. While I think the process can take some time, it is definitely worth it to be able to do work you enjoy.

Another few years went by, and while attending an Ohio Onsite Wastewater Association (OOWA) field day, we had an in-depth and hand-on demonstration on soil evaluations. I also met another soil scientist candidate, Ben Rogers, who was working at the time with Jim Fincham. After talking with Ben and discovering more about the steps to become a CPSS, I decided to begin the process and applied to North Carolina State University. Dr Weatherington-Rice continued to offer guidance to me, as well volunteer to act as a mentor.

When I became the Sewage Program Manager at CCBH, it became apparent that we needed to have more soil expertise within our team. Although I had always worked with Sewage Treatment Systems and design, this became more intensive as I became the “subject matter expert” in the field. It is worth noting that many health departments will evaluate soils in their county (this is permitted in the regulations by ODH), CCBH does not. One of my goals in obtaining the proper credentials is to be able to analyze soils at CCBH, not just a sanitarian, but as a CPSS, preserving the prestige and integrity of the certification. Once I began advising my colleagues on soil evaluations, interpretation, and septic design, seeking out additional information from experts in the field was a natural progression. The more time I have spent with other soil scientists, the more I am excited for my own future.

My background work in undergraduate and graduate work has always focused on Environmental Health, specifically in the field of Water Quality, so field-based work in the natural sciences has always been my preference. Once I become a CPSS, I envision being able to work independently in the field as a second career, shifting to my own company upon retirement. My husband does GIS and septic design work, and we plan on working together, allowing a more flexible future for our family.

In closing, a scholarship from the AOP would allow me to reach my goal of becoming a Certified Professional Soil Scientist. If you have any questions, please don’t hesitate to reach out to me via phone or email. Thank you for your time and consideration.

Sincerely,
Megan Conklin, REHS

Also, last spring, we supported five Jr. High and High School students through the Ohio Academy of Science. This is our second year. Our only requirement is that their experiment actually uses real soil. Only five applicants made that cut but all presentations were good. We did not qualify projects in hydroponics or in non-soils media. The goal is to reach students early before they pick a college that does not offer soils courses. You cannot choose to be something if you don’t know that it even exists. We are hoping to grab even more students than those that we attract through FFA and Envirothon compilations.

Association of Ohio Pedologists Newsletter Volume 50 Issue 2-3 Part 1

AOP awards are \$75.00/1st place, \$50.00/2nd place and \$25.00/3rd place
This year our winners were:

GRADE RANGE	RANK	First	Last	Grade	Student City	Student State
5-8	1st	Xander	Bach	8	Shaker Heights	OH
5-8	2nd	Ella	Strimpel	5	Toledo	OH
9-12	1st	Josie	Jennings	10	Springfield	OH
9-12	2nd	Kelley	Forsythe	10	Huntsville	OH
9-12	3rd	Juliella	Hankinson	11	Walhonding	OH

Letters of thanks

Dear Association of Ohio Pedologists,

Thank you so much for your generosity in supporting state science day. I am going into my junior year & it seems my appreciation for organizations like you only grows as time goes on. I've been doing soil based studies for over 3 years now and

find my inspiration through production agriculture. Opportunities like state science day offer such valuable experiences to learn from others and build connections.

I cannot begin to express the depths of my gratitude for being chosen for your specialty award.
Thank you!

Sincerely,
Josie Jennings

Dear Association of Ohio Pedologists,

I would like to thank you for awarding this award and for sending me the gift.

I deeply appreciate your support.

Thanks again.

Sincerely,
Juliella Hankinson

Association of Ohio Pedologists Newsletter Volume 50 Issue 2-3 Part 1

AOP Web Page Consultants List and Education PowerPoints/Videos - Updates

Consultants List Updates

Rachel Warren has developed a statewide map and a new consultant listing form to update that old and badly out of date Consultants list that existed on the AOP web site. I added all the corrections that people had sent to me that I could find. Some additional edits continue to dribble in. Rachel is still making corrections.

If you go to the Consultant spread sheet and you see two ** listed next to your name, that means that we do not have an update for you. This system should now be self-policing and the web/education committee is going to expect you to periodically check you information and update it. Our consultant list is only as good as the accuracy of our information. This is also the only way we are going to find out if we have areas of the state with no coverage. **Now that I have the final 2022 paid dues list from Rick Griffin, we will be removing anyone from the list who are no longer AOP members.**

Why it took so long to set up each presentation at the Annual Meeting

As I'm sure some of you noticed, Susan and Matt spent some time setting up each presentation for the Annual Meeting. As the day progressed, it took longer and longer. This is because we are using a new program to capture the audio straight onto the PowerPoints, a far more simple way to create the final video. Unfortunately, we were using Matt's computer which was running an older Microsoft operating system, so each time Susan tried to upload the program, the computer would crash, have to be rebooted and then the program reloaded. Each time there was a new presentation, the program would crash an additional time before it worked, and so by the end of the day, it was crashing a number of times before it loaded.

There is a solution; AOP needs to own its own computer. For years, we have been living on borrowed equipment. Until now, it's worked but as we try to advance our technology, the lack of up to date equipment has become more of an issue. Therefore, the Education Committee is raising money to purchase a new laptop that can run modern programs and should be able to be updated for the foreseeable future. We already have some funds towards such a purchase in the Education fund. Your donations to the Education Fund will be used to help speed up that purchase.

Contacts for the Continuing Education production team if you need to reach them

Rachel Warren
Rachel is in Youngtown
rachelpwarren@outlook.com
614-404-8154 (mobile)

Susan Rice
298 W. New England Ave.
Worthington, Ohio 43085
614-436-5248 (house)
614-208-6634 (mobile)
Sarice4@gmail.com

Association of Ohio Pedologists Newsletter Volume 50 Issue 2-3 Part 1

Megan Conklin, BS, RS
Program Manager
Environmental Public Health Services
Cuyahoga County Board of Health
5550 Venture Drive
Parma, Ohio 44130
(p)216-201-2001 x1266
(f)216-676-1317
mconklin@ccbh.net

In Memoriam

Fortunately, there have been no members who have passed away since the last newsletter. We did lose Anna Tornes, Larry's wife. He so appreciated those of you who called, emailed or stopped by and sends his thanks.

Letters to the Editor

This section of the Newsletter belongs to you, our members and future members, in the hopes that if we communicate with each other, we can find pathways to move forward to train the next generation. Please send your letters and/or responses to the Editor at AOPEditor2020@gmail.com and I will include them in upcoming issues of the Newsletter which is developed and disseminated quarterly.

Greg Baldrige, who lives in Indiana but works in western Ohio, contacted both Matt Deaton and me about a problem he was having with Ohio EPA SWDO on an application for a commercial soils evaluation in Darke County. They had completed the soils evaluation several years ago and the report had been approved by the Darke County Health Department. The site developer was just now moving forward on the project and Ohio EPA was requiring a new form, Form B13 over the ODH Soil Report form. This new form requires a listing of the soils loading rate, not something determined by the soil scientist. Furthermore, the form required that Greg sign it under penalty of fine and/or imprisonment. Greg drew exception to that requirement but he was getting nowhere with the young engineer at the SWDO who was making the request.

Matt Deaton and I recommended that he go over this young man's head explaining that this action was not information developed by the soil scientist and asked him to keep us in the loop. Greg was able to gain an accommodating resolution by talking to a person of higher authority. The following email back to Matt and I explain the outcome. Since others of you around the state also help to develop commercial sites, Matt and I thought it would be helpful to pass on the solution, hoping it will have statewide applications.

From: gbuckingham@woh.rr.com
Date: 7/11/23 10:33 AM (GMT-04:00)
To: AOPEditor2020@gmail.com/
Cc: deatonsoilservices@gmail.com
Subject: Resolution of soil report form and loading rates with OH EPA

Julie and Matt,

Association of Ohio Pedologists Newsletter Volume 50 Issue 2-3 Part 1

I was able to speak with Geoff Holmes, OH EPA this morning. I contacted you last week with concerns over OH EPA requiring the use of Form B13 over the ODH Soil Report form and the requirement of listing a soil loading rate on the report form.

Jacob Taylor from the Southwest District has stated they will now accept report forms other than B13 if they include the soil scientist's signature, certification number, and the pertinent soil information. Geoff Holmes, Environmental Supervisor sent an email to me also acknowledging acceptance of soil reports other than the B13 document and is not requiring the listing of soil loading rates.

As discussed with you previously, my concern was in regard to listing a soil loading rate when I am not designing the system. As you are aware there are many variables (waste strength, system type, design depth etc.) that play important roles in determining the soil loading rate. It seems logical that the system designer would be able to use the soil scientist's report and submit the specific loading rate with their design of choice for plan review to OH EPA for verification. From my recent conversations with both Jacob and Geoff, I believe this issue may now be resolved.

Thank you for your assistance

Greg Buckingham
Soil Scientist
ARCPACS / SSSA # 22028
IRSS # 96
gbuckingham@woh.rr.com
(765) 964-3323

Part one of the Spring/Summer 2023 Newsletter

This ends Part One of the Spring/Summer 2023 Newsletter. Part two shares a new book review and much more.