

Indiana Association of Professional Soil Classifiers



2019 Membership Dues Statement

Amount: \$25.00

Please remit payment c/o
Make checks to I.A.P.S.C. Inc.

Clip and mail to Dena Anderson IAPSC Sec./Treas at:
6939 S. Majors Rd
Hanover, IN 47243
Or at the Annual Meeting

Please correct any contact information as needed.

Name: _____

Address: _____

Phone: _____

Email: _____



THE

Pedestal



2019 Winter Meeting

Indiana Association of Professional Soil Classifiers (IAPSC)

Indiana Association of Professional Soil Classifiers

Winter Meeting

Location: Primo Banquet & Conference Center 2615 E. National Ave., Indianapolis, IN 46227

(EXIT 107 located at I-65 South and Keystone Ave., just south of downtown Indianapolis)

When: January 23, 2019

Agenda (Eastern Standard Time)

7:00 am Registration Open
 7:30 am Continental Breakfast/Trade Show -
 8:15 am Welcome with Pete Sabo, IOWPA President
 8:30 am Track I – OSS Rule Review – ISDH to present.
 Track II – OSS Type Overview/How Many Soil Borings and Why – ISDH to Present.
 9:15 am Break/Trade Show/Door Prize 9:45 am
 Track I – OSS Rule Review – ISDH to Present.
 Track II – OSS Type Overview/How Many Soil Borings and Why – ISDH to Present.
 10:30 am Break/Trade Show/Door Prize
 11:00 am Track I – OSS Rule Review – ISDH to Present.
 Track II – What Soil Scientists Want You to Know – TBD

11:45 am Lunch
 1:00 Pm Installer Certification Exam OR Committee Meetings/New Board Meeting

1:00 – 1:15 Welcome and Introductions Randy Staley - President
 1:15 – 1:25 NRCS Updates Rick Neilson – IN State Soil Scientist
 1:25 – 1:35 IRSS Updates Dave Lefforge – IRSS Chair
 1:35 – 1:55 County Specific Soil Investigation Criteria Carl Glaze – Daviess County Health Department
 1:55 – 2:00 Trophy Spade Update Norm Stephens

NOMINEES from the FLOOR!!!!

2:30 – 2:40 Elections
 2:00 – 2:30 State Description Form comments and evaluation.
 2:40 – 2:50 BREAK
 2:50 – 3:00 MLRA Updates John Allen – Acting MLRA Project Leader
 3:00 – 3:30 IAPSC Business Meeting
 Items of discussion:
 New Logo
 New merchandise (shirts, hats, other items?)
 3:30 – 3:45 Election results and silent auction item winners
 3:45 Adjourn – Safe Travels!!!

The Indiana Association of Professional Soil Classifiers (IAPSC) is a not-for-profit organization of soil scientists who are interested in the field study and evaluation of soils.

Randy Staley, President
Lambda Mort, Past President
Jeff Woodward, President Elect
Tim Porter, Vice President
Dena Anderson, Secretary-Treasurer
Norm Stephens, Pedestal Editor
Tim Porter, Website Administrator

<https://www.oisc.purdue.edu/irss/iapsc.html>

<https://www.iapsc-in.com/>

Indiana Registry of Soil Scientists
(As written on the IRSS web site.)

The Indiana Registry of Soil Scientists is a program that establishes ethical standards and education, examination, and work experience criteria for Indiana Registered Soil Scientists.

<http://www.oisc.purdue.edu/irss/>

Pedestal

We need your stories and photographs for the Pedestal. Please email them to:

norm.stephens@in.usda.gov

Or mail them to:
Norm Stephens
NRCS-USDA
6013 Lakeside Blvd.
Indianapolis, Indiana, 46278

See the Pedestal in color:

Electronic copies of Pedestal will eventually be found at:

<http://www.iapsc-in.com/#!documents/cl1po4>

Membership Email Addresses

If you did not get an email notification of the electronic Pedestal it means we no longer have a valid email address for you. Please submit your current email address to Norm Stephens:

norm.stephens@in.usda.gov

Email is the most cost effective way the IAPSC can keep you informed of any last minute changes in meeting plans, or time sensitive notifications of importance to the group.

Everyone is Busy

Everyone who is serving, or has served as an IAPSC board member is a busy person. It's not a valid excuse for not taking a turn in our group's leadership. Many of the same people have taken on the different responsibilities many times over, or they have held a position for years on end. I applaud those who take on a role in our group, but I really find it disappointing we can't get more than one person to run for an office. The jobs do require a day, or two of your time over the course of the year. Most of the time ... a few hours at a time.

Diversity in our group's leadership keeps things fresh. Be sure and say yes when asked to run for office.

Norm Stephens
14th year as Pedestal Editor

Soil Classifiers:

Periodically (once every couple of weeks) I send, via email, notices on happenings within the National Cooperative Soil Survey. The subjects vary, but include job vacancies, workshops, soils videos, NCSS Newsletters, Soil Taxonomy updates, updates on Web Soil Survey, etc. If you are not currently on my email list (which is currently at about 120 folks) and would like to be added please send your current email to me at

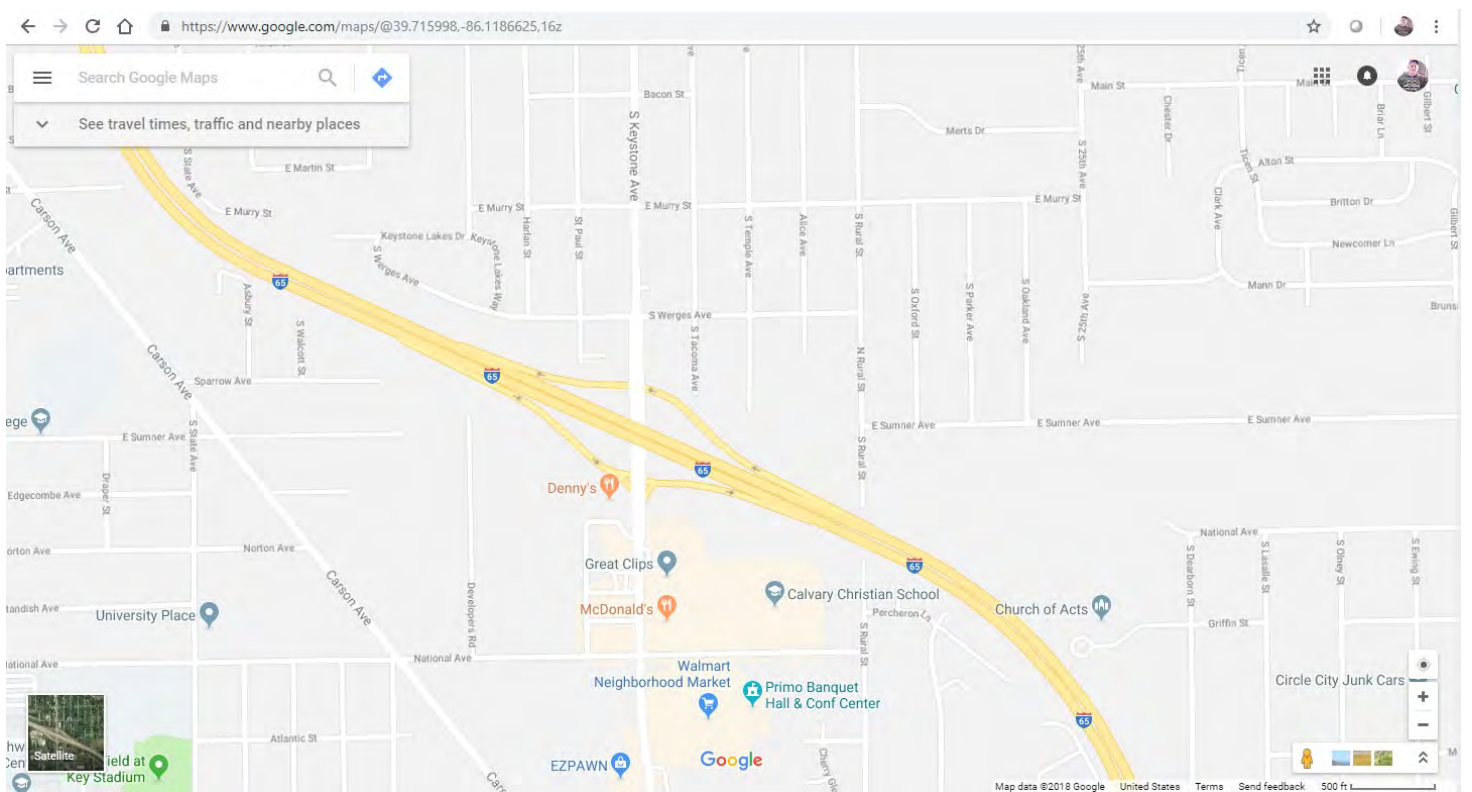
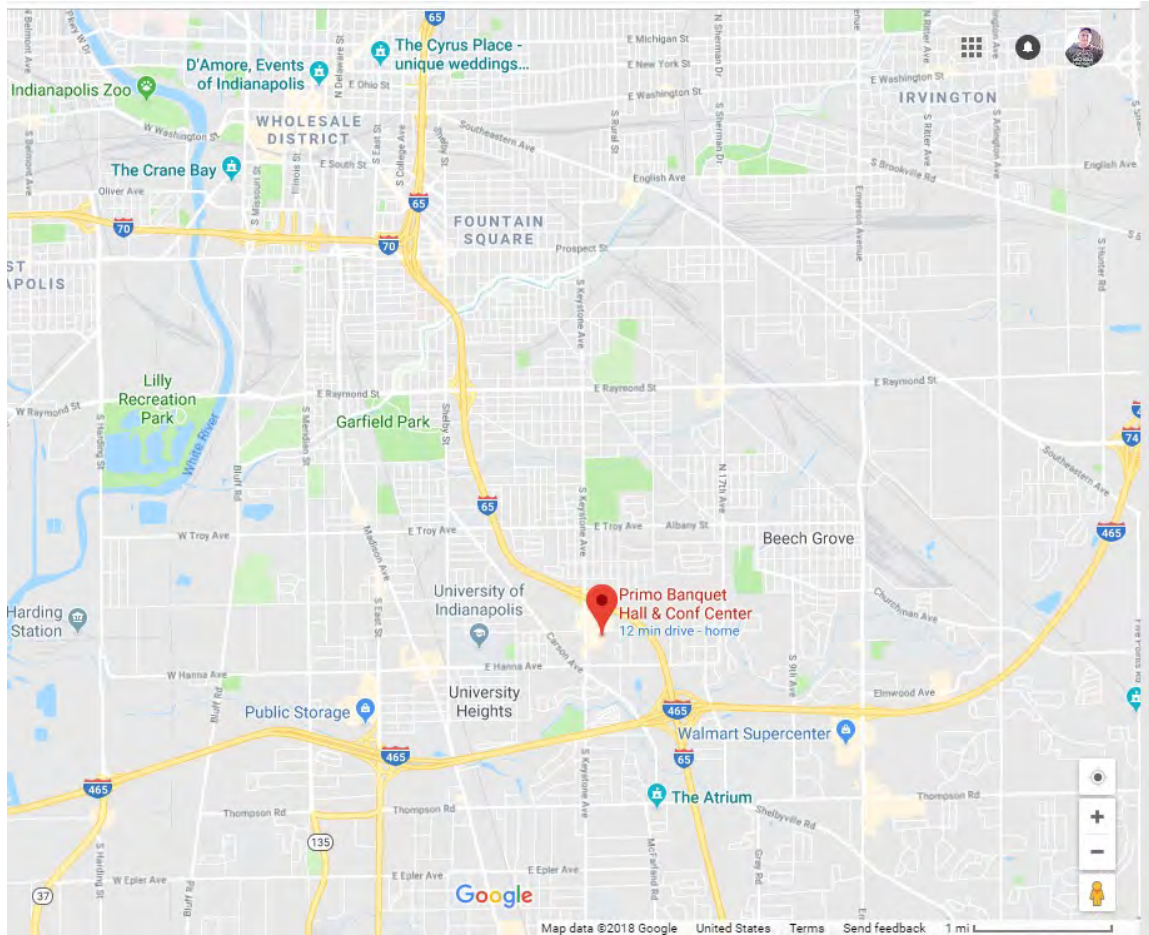
Rick.Neilson@in.usda.gov Feel free to share this with others if you know of folks you think might be interested, but may not be IAPSC members. Maybe we can recruit some new members!

Of course, if you want to be taken off the list, just email me that too! (Except for the NRCS staff who will get them whether they want them or not!)

Rick Neilson

Acting Indiana State Soil Scientist
USDA Natural Resources Conservation Service
6013 Lakeside Blvd.
Indianapolis, IN 46278
317-295-5875 (Office)
Rick.Neilson@in.usda.gov

Primo Banquet & Conference Center 2615 E. National Ave., Indianapolis, IN 46227



2nd Annual Silent Auction

Donate / Bid

**Silent Auction to raise
funds for the Chrome
Spade Award.**

**Bring your donated items
to the winter meeting.
Plan on bidding at the
winter meeting.**



The moment you realize you have the winning date in the Steve Neyhouse Retirement Pool!



2018 GSA Tour



Setting up for a GSA tour on the Purdue Agronomy Farm. This pit showed the subtle differences in soil textures which created the observed patterned ground features during drought years.



Central State Forest Soils Workshop in Van Buren, Missouri

Silviculture and Ecology of the Forest Soils in the Southeast Ozarks



Some participants started out the Workshop with a canoe trip in the morning.



Gary Struben



Scot Haley and Rick Neilson



Dena Anderson



An empty pit just waiting for you!



Scot Haley and Gary Struben

Soil Judging Students Receive Instruction in Indiana

John Allen and Darnell Dunson, soil scientists from the Indianapolis Soil Survey Office assisted with soil judging contests held in Hamilton and Morgan counties in Indiana. A total of about 450 students participated. Four soil pits were dug at each of the contest sites where students judged the soil for agricultural use and evaluated it for homesites.

The contests concluded with discussions and reviews of each site, providing students an opportunity to ask questions, and for the judging officials to explain the reasoning for describing and interpreting the soils in the way they did.



Students judging one of the four pits at a contest in Hamilton County, Indiana.



Darnell Dunson, soil scientist, prepares a soil pit for a soil judging contest in Morgan County, Indiana.

2019 WINTER MEETING REGISTRATION FORM

For

Registration fee includes **hot lunch**.
Help us keep costs low by registering early.

Send in your check today!

**Registration Fee \$55.00 before January 15th. For Wednesday the 23rd only.
\$150.00 for both days.**

LATE FEE after 01/15/2019 - \$75.00 for one day and \$170.00 for two days.

If at all possible register/RSVP before January 15th

An accurate head count keeps our costs low!

Make checks to I.A.P.S.C. Inc.
Clip and mail to Dena Anderson IAPSC Sec./Treas at:
6939 S. Majors Rd
Hanover, IN 47243

Questions, RSVP Call Dena at 812-525-6433, or 812-591-3770

Name(s): _____

Members please update the following, if needed:

Name: _____
Address: _____
Phone No: _____
E-mail address: _____



IOWPA 2019 **DRAFT** "Septic Evolution"
Annual Conference & Trade Show

• **January 22-23, Tuesday-Wednesday**

Indiana Onsite Wastewater Professional Association
7915 S. Emerson Ave., Suite 132, Indianapolis, IN 46237
Phone: 317-965-1859 • Fax: 317-534-3460
Email: indianaconsitewastewater@gmail.com • Website: www.iowpa.org

Monday, January 21, 2019

4:00 – 6:00 pm Exhibitor Set-up

Tuesday, January 22, 2019

7:00 am Registration Open
7:30 am Continental Breakfast/Trade Show Open
8:30 am Welcome Pete Sabo 2018 President
8:45 am Technology Evolution – Panel Discussion
LA Brown, L.A. Brown Inc., Dick Blazer, Blazer Farms, Alan Dunn, ISDH,
9:30am Trade Show Open – Don't miss an opportunity to win some cash!!!
10:00 am Sewage Pathogens – Tom Duszynski, IUPUI
10:45 am Break and Trade Show
11:15 am All about Pumps -Dave Farmer, Zoeller Pump Company
12:00 pm Annual Meeting/Lunch/Trade Show/Awards
1:15 pm Control Panel – Zoeller Pump Company
2:00 pm Drainage – Jeff Healy, Banning Engineering
2.45 pm Trade Show Open - Don't miss an opportunity to win some cash!!!
3:15 pm **How to Bid Jobs – Kyle Nix, SM Nix Excavating**
4:00 pm ISDH Update/Rule Interpretation -Alice Quinn, ISDH
4:45 pm Reception
5:15 pm Past Presidents Dinner at Primo (FREE with conference registration ticketed) – Door prizes, group activities, L.A. Brown, Chair

Wednesday, January 23, 2019

7:00 am Registration Open
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Track II – What Soil Scientists Want You to Know – TBD
11:45 am Lunch
1 pm Installer Certification Exam OR Committee Meetings/New Board Meeting

★ First 75 registrants are eligible for a drawing to win \$50 cash!

**PRIMO BANQUET & CONFERENCE CENTER
Plus HOTEL OPTIONS**

Primo Banquet & Conference Center

2615 E. National Ave., Indianapolis, IN 46227

(EXIT 107 located at I-65 South and Keystone Ave., just south of downtown Indianapolis)

Southport and I-65 South Area Hotels – EXIT 103

Host Hotel (approximately 5 miles south of conference center)

Courtyard by Marriott Indianapolis South, 4650 Southport Crossing Drive, Indianapolis, IN 46237

Reservations: 317.885.9799 Ask for IOWPA group rate (DO NOT CALL TOLL FREE)

Rate: \$104 Single/Double plus 17% hotel tax www.marriott.com/indsp

This hotel has a bistro style restaurant and bar – breakfast NOT included, however, a continental breakfast will be provided at the conference each morning.

Cut off date: January 2nd, 2019 for guaranteed rate

There are several additional area hotels – however, we do not have a special rate or block of rooms. These hotels are within walking distance of the Courtyard by Marriott in addition to several restaurants.

On Marriott side of Southport Road:

We do not have a special rate or block of rooms. All of these hotels are within walking distance of the Courtyard by Marriott in addition to several restaurants.

Fairfield Inn by Marriott 4505 Southport Crossing Drive, Indianapolis, IN 46237 Reservations: 317.888.5535

Country Inn & Suites 4325 Southport Crossing Way, Indianapolis, IN 46237 Reservations: 317.859.6666

Quality Inn (formerly Best Western) 4450 Southport Crossing Drive, Indianapolis, IN 46237 Reservations: 317.888.5588

Across the street on Cracker Barrell side of Southport Road

Baymont Inn 4402 E, Creek View Dr, Indianapolis, IN 46237 Reservations: (317) 762-3788

Comfort Suites Southport 4125 Kildeer Dr, Indianapolis, IN 46237 Reservations: [\(623\) 748-7610](tel:6237487610)

October 29, 2018

Bill Hostetler
Indiana Association of Professional Soil Classifiers
2094 E CR 450 N
Frankfort IN 46041

Dear Mr. Hostetler,

I want to thank you for agreeing to sponsor the state 4-H and FFA soil career development event. Indiana Association of Professional Soil Classifiers played a key role in helping deliver a quality educational event to 335 youth and their coaches. This could not have happened without you and your association and please know how much I appreciate your willingness to continue providing sponsorship and look forward to working with you in this capacity in future years. The chrome plated spade provided by your association was awarded to Jim Wildermuth, coach of North Miami FFA.

Thank you for your support of youth development!

Sincerely,

Tony Carrell
Extension Specialist
4-H Youth Development

INDIANA REGISTRY OF SOIL SCIENCE

SOIL PROFILE DESCRIPTION

COUNTY _____ SITE LOCATION _____ SOIL SCIENTIST _____ DATE _____

Soil Morphology

HORIZONATION				TEXTURE				COLOR				STRUCTURE			CONSIST	EFFERV	ROOTS		PARENT MATERIAL			
Depth (in.)	Master		Sub	No.	Coarse Frag (%)	Co Frag Mod	Class	Clay (± 5%)		Hue	Value	Chrm	%	Grade	Size	Shape	Moist Strength	Class	Root Size	Quantity		
	PM	LTR																				
									Matrix													
									Depletions													
									Conc													
									Matrix													
									Depletions													
									Conc													
									Matrix													
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									Conc													
									Matrix													
									Depletions													
									Conc													

INDIVIDUAL SOIL PROFILE DESCRIPTION

Equipment used	Slope (%)	<u>Depth in inches to</u>
Map unit name (from website soil survey)	Slope aspect in degrees	Bedrock
Present land use	Surface cut or fill?	Fragic characteristics / Fragipan
Present vegetation	Fill depth (inches)	Gravel, coarse sand
Landform	<u>Wetness characteristics</u>	Dense glacial till
Landform component	Depth to seasonal high water table (inches)	Artificial compaction (or) plow pan
Shape of slope	Depth to free water, if present (inches)	BC Horizon
Coordinates (decimal degrees or NAD83, Zone 16)	Seeps or springs?	Massive-firm structure
	Ponds water	High shrink / swell
Location from known point: _____ ft (north or south of reference) _____ ft (east or west of reference)		Pressure faces / slickensides
Soil Moisture: <input type="checkbox"/> Dry <input type="checkbox"/> Moist <input type="checkbox"/> Near saturation <input type="checkbox"/> Frozen		

II. Site and Soil Characteristics

Landform

- Alluvial fan
- Beach ridge
- Floodplain
- Kame / Esker
- Karst / Sinkhole
- Lake plain
- Loess hillslope / plain
- Outwash plain
- Reclaimed land
- Sand dune
- Strath terrace
- Stream terrace
- Till plain / Moraine
- Upland - bedrock controlled

Parent Material(s) Upper PM=1, next PM=2, etc.

- Alluvium
- Beach deposit
- Bedrock
- Colluvium
- Eolian sand
- Erosional deposit / depression fill
- Glacial outwash
- Glacial till
- Human - transported materials
- Lacustrine deposit
- Loess
- Residuum

Slope Percent

_____ %

Slope Aspect

_____ ° (degrees)

Hillslope Profile Position

- Summit
- Shoulder
- Backslope
- Footslope
- Toeslope

Erosion Class

- Class 1
- Class 2
- Class 3
- Class 4

Surface Condition

- Surface has been cut
- Surface has been filled to _____ inches
- No cut or fill present

Wetness Depth

_____ inches

Effective Soil Depth

_____ inches

Kind of Limiting Layer

- Bedrock
- Coarse sand / loamy coarse sand
- Dense glacial till
- Depth
- Fragipan
- Man-made compaction
- None observed

Special Concern(s)

- BC horizon
- Flooding / ponding
- Fragic properties
- Massive structure / firm consistence
- Pressure faces / slickensides
- Plow pan depth
- Rapid permeability (>1.2 gal/day)
- Slow permeability (<0.25 gal/day)
- Shrink swell

Location marker is:

_____ feet [**north** or **south**] of reference marker

and

_____ feet [**east** or **west**] of reference marker

(circle correct direction for each blank above)

III. Soil Classification

Epipedon

- Histic
- Mollic
- Ochric
- Umbric
- None

Subsurface Horizon(s) / Feature(s)

- Albic
- Argillic
- Artifacts
- Calcic
- Cambic
- Fragipan
- Glossic
- Lamellae
- Lithic contact
- Paralithic contact
- Slickensides
- Spodic

Order

- Alfisol
- Entisol
- Inceptisol
- Mollisol
- Spodosol
- Ultisol