

THE

Pedestal



2019 Fall Tour

Indiana Association of Professional Soil Classifiers (IAPSC)

Indiana Association of Professional Soil Classifiers

Fall Tour

Friday, September 20th.

Location: Schnellville Conservation Club

9054-9138 E 175 S, Birdseye, IN 47513

Lat 38.3492174, Long -86.7384037

Agenda (Eastern Time Zone)*****

9:00 - 9:30 **Registration:** Dena Anderson
IAPSC Secretary/Treasurer
(Donuts and coffee will be served)

9:30 - 9:45 **Welcome and Introductions:**
Jeff Woodward, IAPSC President

9:45 - 10:15 **Partnership Updates:**
MLRA/STATE
ISDH
IRSS

10:15 - 10:30 **Break**

10:30 - 11:00 **New Septic Technologies –**
Greg Inman – Infiltrator
Technologies

11:00 - 11:45 **Clean Water Act/Waters of the US**
How it may impact your clients –
Corps of Engineers/Indiana
Department of Environmental
Management

11:45 - 12:45 **Lunch and Door Prizes**

12:45 - 1:30 **IAPSC Business Meeting**

1:30 - 3:00 **Travel to and review field sites at:**
Southern Indiana Purdue Agricultural Center
11371 East Purdue Farm Road
Dubois, IN 47527

3:00 **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.

Jeff Woodward, President
Randy Staley, Past President
Larry Gramm, President Elect
Archie Sauerheber, 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@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/c1po4>

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@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.

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@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!

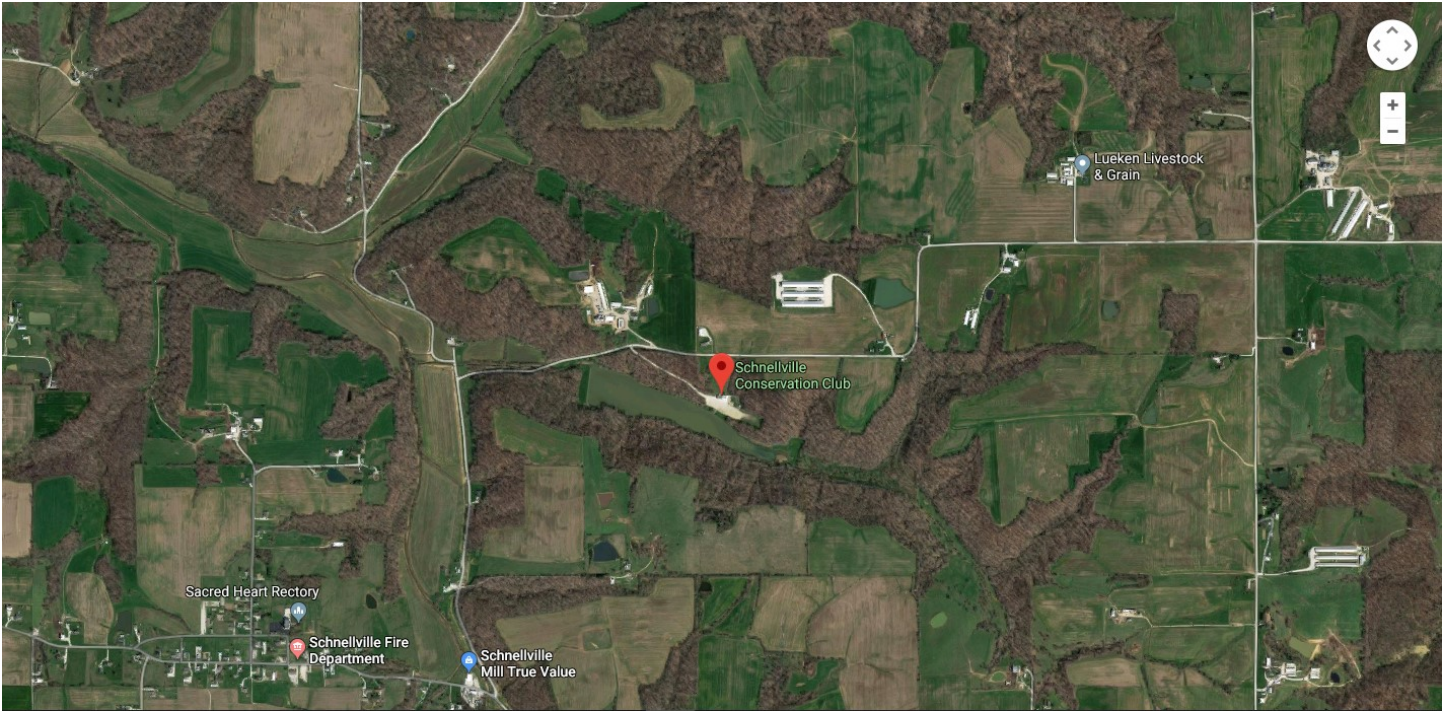
Of course, if you want to be taken off the list, just email me that too! (Except for the NRCS staff who will get them whether they want them or not!)

Rick Neilson

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

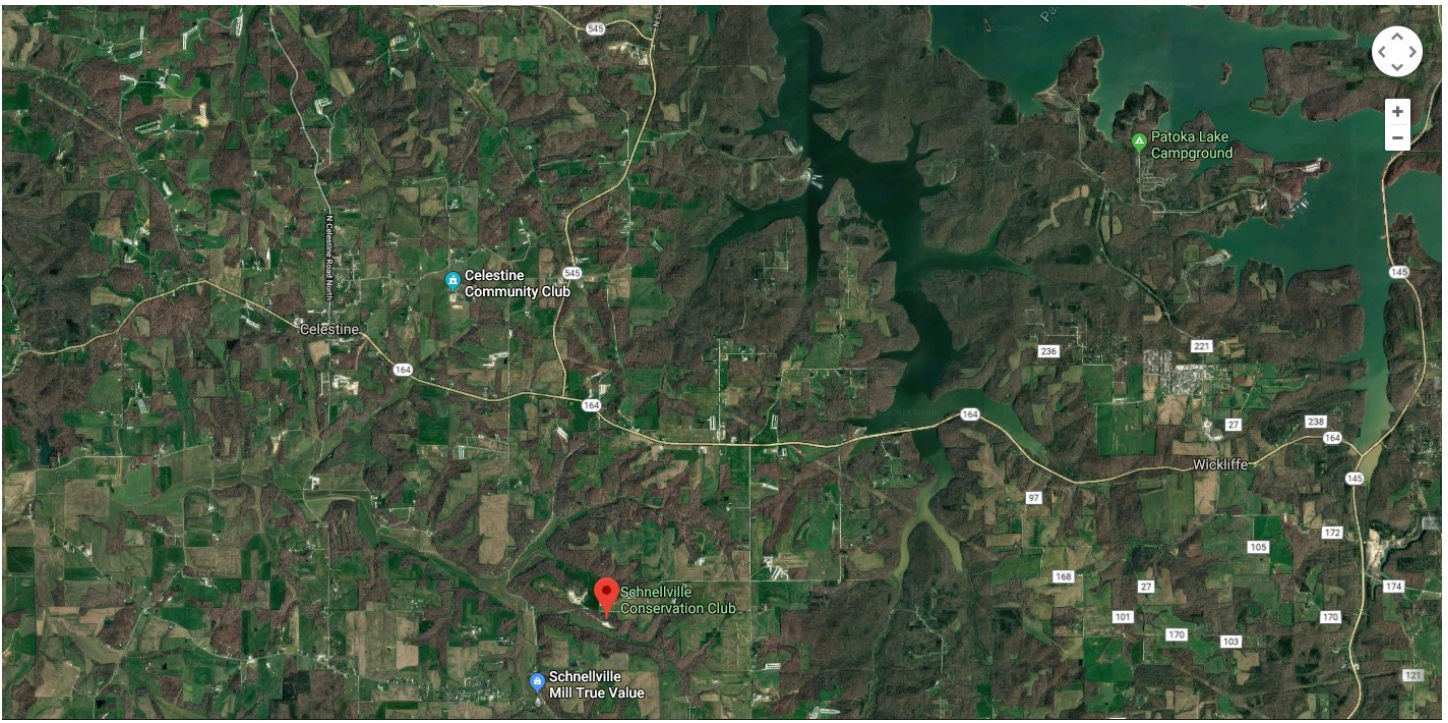
Meeting Location

Schnellville Conservation Club



9054-9138 E 175 S, Birdseye, IN 47513

Camping Location



Patoka Lake Campground at 3084 North Dillard Road, Birdseye, IN 47513

Scot Haley has campsite number 146 reserved.

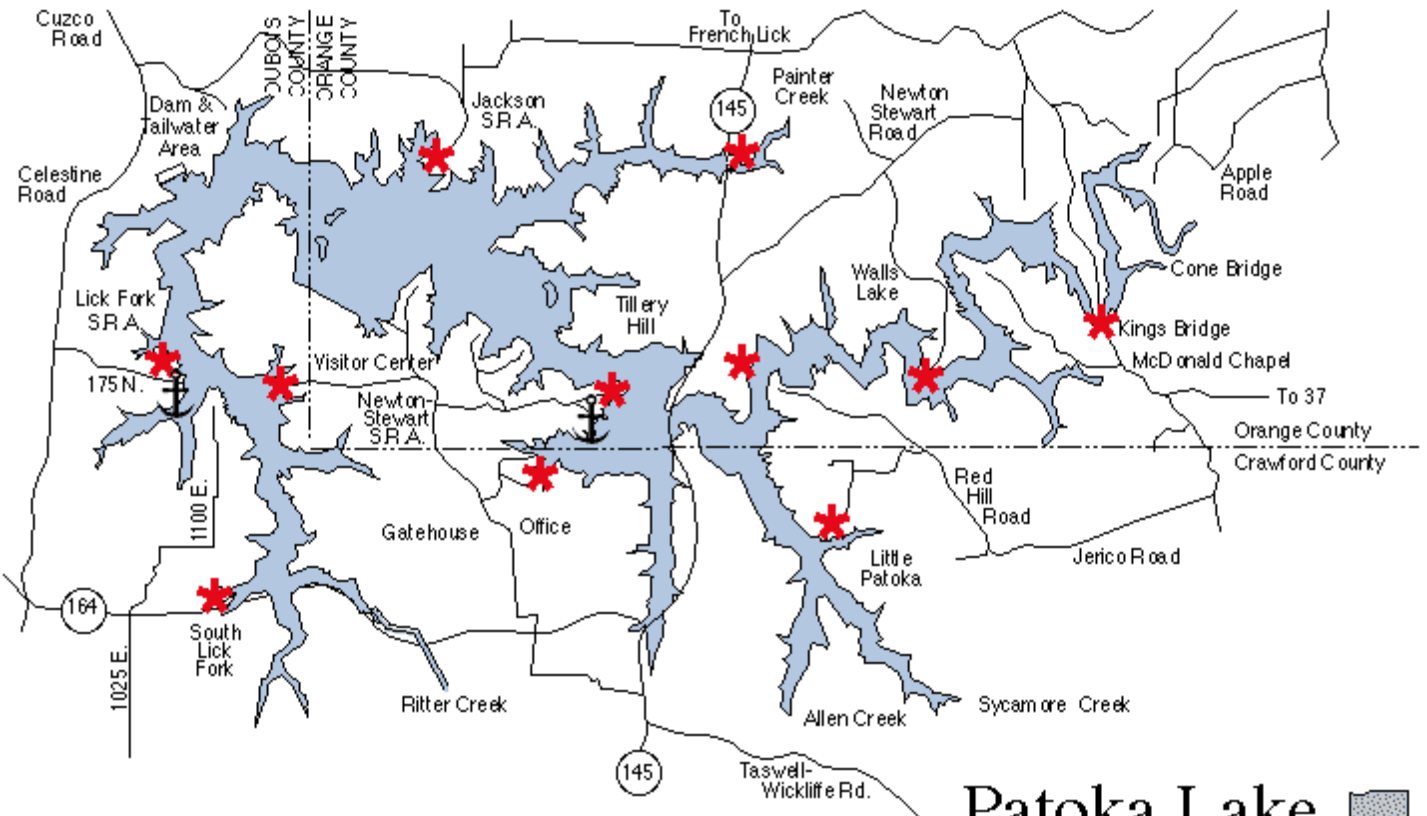
Patoka Lake

Patoka Lake is the second-largest reservoir in the U.S. state of Indiana (after Lake Monroe) and is spread across Dubois, Crawford, and Orange counties in southern Indiana.

The lake was finished in 1980, the legwork for establishing a solution to what the government called “improvement for the benefit of navigation and the control of destructive flood waters” in the Ohio River basin dates to 1927. The Flood Control Act of 1965 mandated something be done about various areas of the country often incumbered by rising waters. The surveying for Patoka Lake began in 1966 and demolition commenced in 1972 on a project that cost an estimated \$73 million (the majority was spent on land acquisition while construction costs were about \$24 million). The federal takeover of some 26,000 acres of what was mostly farmland for the 8,800-acre lake.

A lot of the people had owned the land since they came to America and were not happy to have outsiders come in and take over their land. Albert Schnell was a champion among them. When the Corps of Engineers came to talk to him about the takeover of his land, he met them astride a bulldozer and armed with a shotgun. Farm ground was purchased at about \$100 an acre and hill ground about half that amount. That would be around \$660 an acre in today's dollars for tillable cropland. The published purchase prices don't appear to add up very well and probably need reviewed.

Schnellville was founded by a German named Henry Schnell and was platted on November 27th, 1865.

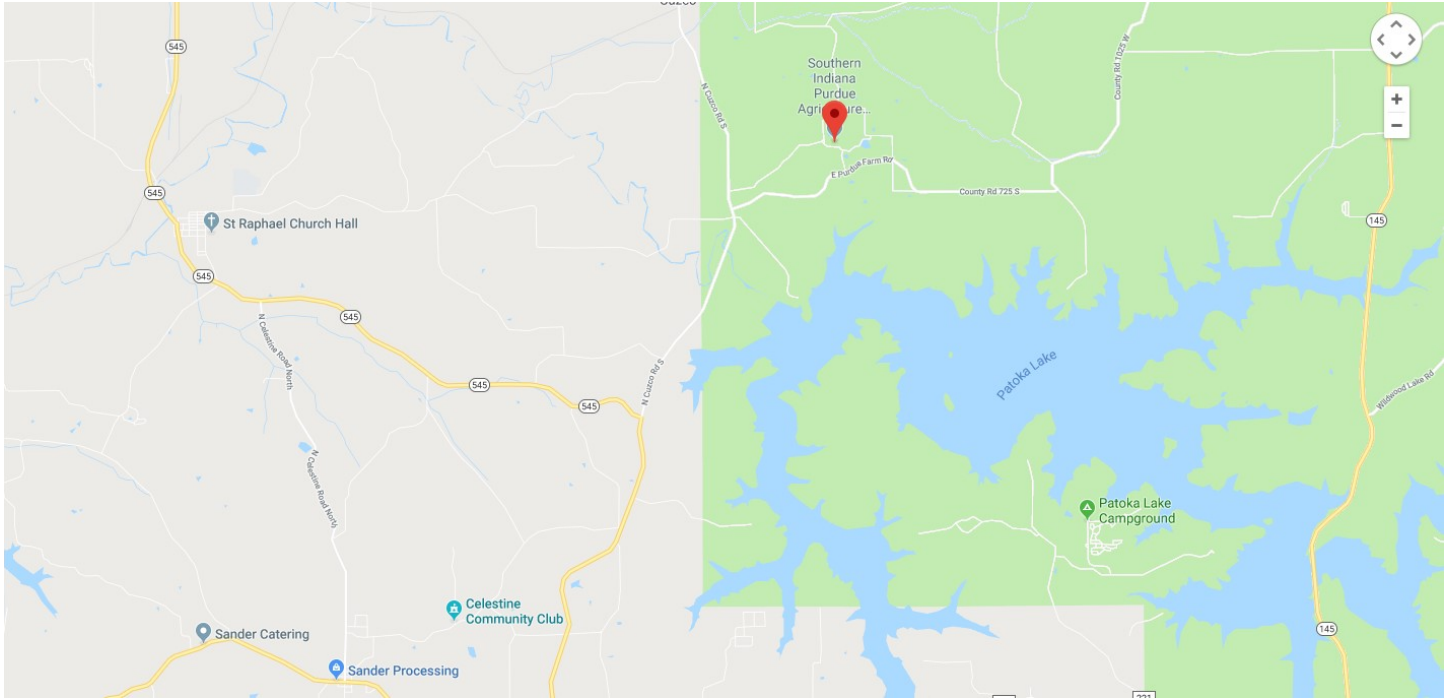


Patoka Lake

R.R. 1, Box 290
Birdseye, IN. 47513
812.685.2464



Southern Indiana Purdue Agriculture Center



11371 East Purdue Farm Road
Dubois, IN 47527

Size and Topography

- The second-largest PAC, with 1,320 acres in Dubois County near the Patoka Reservoir
- Rolling ground (hilly), shallow soils, natural hard pan, not well drained, rocky outcroppings
- Difficult-to-manage sandstone and shale soils typical of southern Indiana
- Roughly 570 acres of open pastureland

Heritage

SIPAC grew from a true grassroots effort by the people of southern Indiana in the late 1940s and early 1950s. Local farmers felt their environment and soil differed so greatly from farmland near West Lafayette that their counties' leadership raised funds to purchase the original parcel of farmland as well as some additional acreage. They donated the land, which was roughly half wooded and half pasture, to Purdue University as the Southern Indiana Forage Farm. The facility became SIPAC in 1965.

Paul McCarter, Jr.

JULY 6, 1934 ~ AUGUST 8, 2019 (AGE 85)



Paul McCarter Jr., age 85, of rural Bloomfield, passed away peacefully on Thursday, August 8, 2019, at Garden Villa in Bloomington. He was born in Odon, Indiana on July 6, 1934, the son of Paul T. & Eva G. McCarter.

Paul attended the Odon Madison School and graduated in 1952. He enjoyed Living in the country and helped with farming until he left to go to college. He worked at Crane for about 2 years, a factory job at Washington for a year then decided that he should go to Purdue and graduated in 1959 with a Bachelor of Science degree in Agronomy. He worked for the Soil Conservation Service as a Soil Conservationist and as a Soil Scientist until retirement in 1994. After, he soon got tired of retirement, he established a consulting business (Soil Investigations) where he worked until retiring for good in 2003. Not being one to just sit around, he kept busy on the farm doing whatever he felt like until his death. He was an avid reader, particularly of history and loved to find errors in books and newspapers.

Paul was a Christian. He joined the Bunkum EUB Church in his teens. His favorite saying was, "You may think that you are saved but when you really become one with Christ you will know that you were not before but are now".

He is survived by his loving wife of 34 years, Janet L. (Williams) McCarter; son, William D. McCarter; stepsons, Robert Waggoner, Joseph Waggoner and Timothy Waggoner; granddaughters, Amanda (McCarter) Fox and Jessica McCarter; step granddaughters, Alison Waggoner, Amber Waggoner, Amy Waggoner, Hanna Waggoner; step grandsons, Jason Waggoner, Chris Waggoner, Devin Waggoner and Zachery Waggoner as well as several great grandchildren.

Paul is preceded in death by his parents; sister, Genevieve Davis and his son's mother, Hazel McCullough.

Funeral service will be held at 1:00 pm at Welch & Cornett Funeral Home in Worthington on Sunday, August 11, 2019. Burial will follow at Williams Cemetery.

Visitation will be held at the funeral home on Sunday from 11:00 am until the time of service.

Online condolences may be shared with the family at www.welchcornett.com

2019 FALL TOUR REGISTRATION FORM

For Friday September – 20th

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

Send in your check today, or better yet ... use our Eventbrite link!

<https://www.eventbrite.com/e/2019-indiana-soil-classifiers-fall-tour-tickets-70272277273>

Registration Fee \$25.00 before 10th.

LATE FEE after 09/10/2019 - \$30.00

If paying at the door ... please if at all possible ... RSVP before September 10th

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, 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: _____



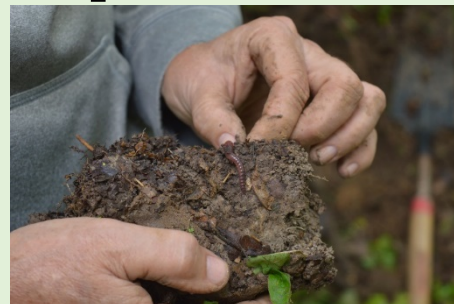
39th Annual Central States Forest Workshop

Healthy Soils, Healthy Forests

October 8-10, 2019

Base Location, Lodging, and Registration

Holiday Inn and Conference Center, 2300 Reed Station Pkwy,
Carbondale, IL 62901 Carbondale, Illinois



Sponsors

Illinois Soil Classifiers Association
USDA-Natural Resources Conservation Service
USDA-United States Forest Service
Illinois Department of Natural Resources-Pyramid State
Park
Southern Illinois University, Forestry and Agriculture
University of Illinois, Natural Resources and
Environmental Sciences
University of Illinois, Natural History Survey

Illinois Department of Agriculture - Mines and
Minerals

University of Missouri Soil Health Lab

- ❖ Society of American Foresters will hold concurrent session and allow CEUs for members
- ❖ Illinois Soil Classifiers will hold concurrent session and allow CEUs for Certified Soil Classifier members

Site locations

LOCATION 1: Pyramid State Park

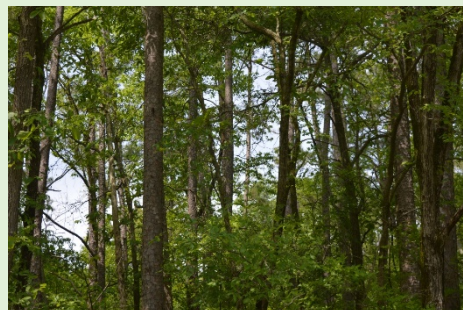
Site 1: Natural regeneration with plantation on un-restored Strip mine land Dry-Mesic, Mesic, Wet-Mesic, and Wet sites; Upland Forest; Hardwoods*, Short-leaf Pine, Cottonwood - Well drained to Very Poorly drained soils

Species and Soils
Soil Pits/Cuts

Site 2: Plantation on restored strip mine land Wet to Wet-Mesic, sites; Flatwoods and Upland hardwoods; Poorly to Somewhat Poorly drained soils; Fine-silty and Fine-loamy families

Site Indices
Soil Characterization

Site 3: Riparian development study along Strip mine lake; Mesic and Wet-mesic site Poorly and Somewhat Poorly drained soils



Site Indices
Soil Characterization
Soil Health Data
Interpretations



Soil Health Data
Interpretations
Species and Soils
Soil Pits



LOCATION 2: Site 4: Comparison site(s) of Natural Area Southern Flatwoods Upland Location: Site to be determined ?? Flatwoods, Wet-Mesic, Mesic to

Dry-Mesic Upland Forest; Poorly drained to Well drained soils



- Species and Soils
- Soil Pits
- Site Indices
- *Comparison Site to adjacent farmland (Similar soils)
- Soil Characterization
- Soil Health Data
- Interpretations

LOCATION 3: Sites 5 and 6: Kincaid Lake US Forest Service Management area

- Management of Forest – Mesic to Dry-mesic Upland Forest, Well drained and moderately well drained bluff soils.
- Invasive Species Control Practices
- Sediment Management in lower Johnson Creek above Kinkaid Lake
- Species and Soils
- Soil Pits
- Site Indices
- Soil Characterization
- Soil Health Data
- Interpretations



LOCATION 4: Sites 7 and 8: Trail of Tears State Forest Comparison site(s) of Natural Area Mesic to Dry-mesic Upland Forest

- Management of Forest
- Sediment Study following fire
- Species and Soils
- Soil Pit
- Site Indices
- Soil Health Data



39th Central States Forest Soils Workshop

Healthy Soils, Healthy Forests

October 8~10, 2019

Workshop Headquarters: Carbondale Holiday Inn Conference Center
2300 Reed Station Pkwy, Carbondale, IL 62901

Scheduled Agenda (draft 4/23/19)

Tuesday, October 8th

- Morning (travel)

- Afternoon

- **Evening** (introductory presentations, poster presentations, novel research, other topics?, social)

- o Registration (4-6pm)

- o Presentation topics (6-8pm)

 - Introductions and Workshop History

 - Bob Dunker? Kevin McSweeney? Dean Spindler? History of Captain Mine and Restoration

 - Review of Booklet Information about the Locations and sites- LOGISTICS

 - Soils/Trees/Geology of the area

 - SIU Forestry Program

- o Social (8-9pm)

Wednesday, October 9th

- **Morning** **Bus(es) leave at 7:30!** depart, 45 minutes travel time 7:30a-8:15a) Location 1: Pyramid State Park

- o SITE 1 Natural regeneration with planted pines on un-restored Strip mine land, (45 minutes on-site; 8:15a-9:00a-

-**Snacks/Refreshments--**) (depart, 30 minutes travel 9:00a-9:30a)

- o SITE 2 Plantation on restored strip mine land Wet to Wet-Mesic flatwoods and upland hardwoods types (1 hour on-site; 9:30a-10:30a) (depart, 15 minutes travel; 10:30-10:45a)

- o SITE 3 Riparian development study along Strip mine lake Wet-mesic and Wet Ecotypes for erosion control, Somewhat poorly and Poorly drained restored soils. (45 minutes on-site; 10:45a-11:30a) **LUNCH (11:30a-12:00p)** (depart, 30 minutes travel; 12:00p-12:30p)

LOCATION 2: *????

- o *SITE 4 Natural Comparison Site Flatwoods (1 Hour on-site; 12:30p-1:30p)(depart, 30 minutes travel; 1:30p-2:00p)

- **Afternoon** Location 3: Kinkaid Lake-Johnson Creek Management Area USFS (2 Hours on-site; 2:00p-4:00p)(depart, 45 minutes travel; 4:15p-5:00p)

- o SITE 5 Sediment Control of Lower Johnson Creek above Kinkaid Lake

- o SITE 6 Forest Management Area

HOTEL Clean-up (5:00p-5:45p) (depart, 25 minutes travel; 5:45-6:10p)

- **Evening** (6:30-8:30pm, banquet)

- o Dinner Giant City Lodge

- o Presentation topics (Soil and Forestry Information and Interpretation Delivery, Wine Country) 1-hour total)

- o Business Meeting

Thursday, October 10th (7:30-12pm)

- **Morning** (Depart 8:00a, 1 hr travel) Location 4: Trail of Tears State Park, Illinois (2 hours on-site; 9:00a-10:45a--**Snacks/Refreshments**) (11:00a **Board BUS for Return to Hotel OR Locals Depart from Site**)

- o SITE 7 A Return to the Black Walnuts visited 12 years ago
- o SITE 8 Forest Management and sedimentation study following controlled burn
- o ???Additional site -- Time permitting???
- o Snacks/refreshments

- **Afternoon** (Adjourn/Travel)

39th Annual Central States Forest Soils Workshop Registration

Healthy Soils, Healthy Forests

Location Base: Carbondale, Illinois

October 8-10, 2019

Name: _____

Address: _____

City: _____ State: _____

Zip: _____ Telephone: _____

Email: _____

Business/Affiliation: _____

Dietary/Special needs: _____

If more than one attendee, attach a list with the above information or copy the form.

Registration includes 2 meals (Wednesday boxed lunch & banquet), bus transportation, field book, and break snacks.

Early Bird Registration (Before September 1, 2019)

Regular Attendee: \$140 each X (number) _____ = \$ _____

Student Attendee: \$75 each X (number) _____ = \$ _____

Late Registration (After September 1, 2019)

Regular Attendee: \$200 each X (number) _____ = \$ _____

Student Attendee: \$135 each X (number) _____ = \$ _____

Banquet only for Spouse and Guests: \$25.00 each X (number) _____ = \$ _____

Additional Hotels in the vicinity:

Hampton Inn, 2175 Reed Station Pkwy, Carbondale, IL 62901

Days Inn and Suites, 2400 Reed Station Pkwy, Carbondale, IL 62901

Days Inn, 1295 Harmony Ln, Carbondale, IL 62902

Quality Inn, 1415 E Main St, Carbondale, IL 62901

Best Western, 801 N Giant City Rd, Carbondale, IL 62902

Super 8, 1180 E Main St, Carbondale, IL 62901

Tickets can be purchased at the link below:

<https://www.eventbrite.com/e/39th-annual-central-states-forest-soils-workshop-tickets-63481701478>

OR Fill out hardcopy and mail with a check to:

Dena Anderson – IASPC Sec-Treas

2600 N. State Hwy 7

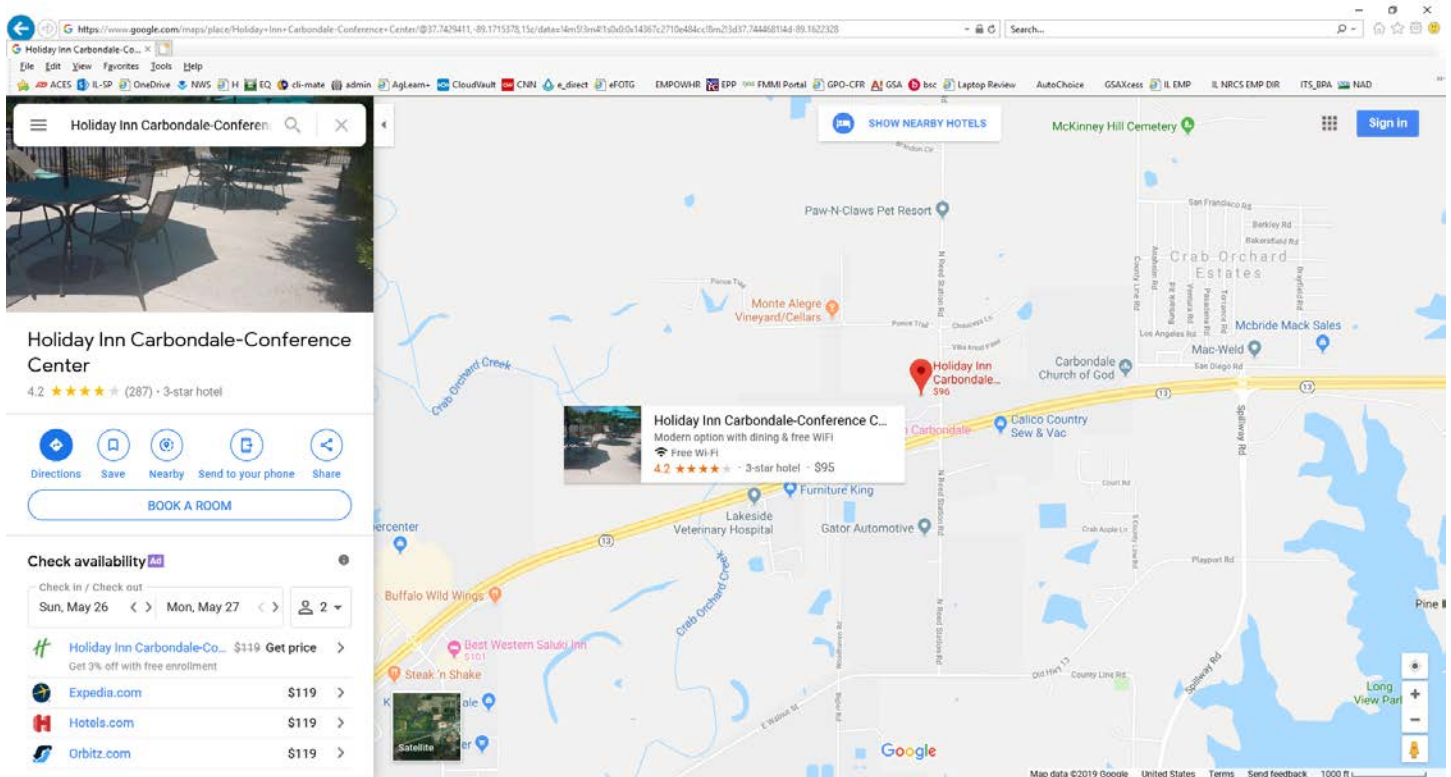
North Vernon, IN 47265

Questions about registration process? Call Dena at 812-953-4155 (office) or 812-525-6433 (cell)

LODGING RESERVATIONS

A BLOCK OF ROOMS IS RESERVED
AT: HOLIDAY INN, 2300 REED
STATION PKWY, CARBONDALE, IL
62901 (618)-549-2600

*ROOM RATES WILL BE AT OR BELOW THE FEDERAL
GOVERNMENT RATE OF \$94/NIGHT FOR SINGLE
OCCUPANCY, IF POSSIBLE. A LIST OF NEARBY
ALTERNATIVES IS PROVIDED BELOW.



<https://goo.gl/maps/rSar4iNTxZ59ZxEP6>

Banquet Menu (Giant City State Park):
Family Style Chicken Dinner (The Best!), Tea/coffee
 Please let us know if you have any special meal requests.

Base Location is Carbondale, Illinois

Tour locations are Pyramid State Park, Kincaid Lake and Johnson Creek USFS, Giant City State Park, and Trail of Tears State Park, Illinois

The Workshop will begin with registration at 4:00-6:00 PM on October 8, 2019.

The Workshop will end at 12:00 PM on October 9, 2019.

A Block of Rooms has been reserved at the Holiday Inn Conference Center at the Federal Government rate of \$94.