



2010 Winter Meeting

Indiana Association of Professional Soil Classifiers (IAPSC)

Indiana Association of Professional Soil Classifiers Winter Meeting

Location: The Garrison Lodge

Fort Harrison State Park
Indianapolis, IN
UTM 584579E 4413150N NAD83
Zone 16

When: January 21, 2010

Agenda

9:00-10:00 Registration, Paul McCarter

10:00-10:10 Welcome and Introductions, Spence Williams

10:10-10:25 Travis Neely (NRCS update)

10:25-10:40 Zach Rigg (FS Update)

10:40-11:00 Break

11:00-12:00 Todd Thompson
(Reconstructing Past Lake Levels in the Great Lakes)

12:00-1:00 Lunch

1:00-1:45 Jeff Carter (Changing the Face of OSHA)

1:45-2:45 Niki Crawford (The Dangers and Awareness of Meth Labs)

2:45-3:00 Break

3:00-4:15 Business Meeting and Elections

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.

Spence Williams, President
Brad Lee, Past President
Tom Ziegler, President Elect
John Allen, Vice President
Paul McCarter, Jr., Secretary-Treasurer
Norm Stephens, Pedestal Editor

<http://www.isco.purdue.edu/irss/iapsc.html>

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.isco.purdue.edu/irss/>

Pedestal

Only you can make the Pedestal better and we need your stories and photographs for publication. Please email them to:

Norm.stephens@in.usda.gov

Or mail them to:

Norm Stephens
NRCS-USDA
6013 Lakeside Blvd.
Indianapolis, Indiana, 46278

Electronic copy of Pedestal can be found at:

<http://www.indianasoils.com/>

This year's IAPSC Annual Meeting will be held again at the historic district of Ft. Benjamin Harrison at the Garrison Lodge on January 21, 2010. The Garrison Lodge is the former Officer's Club and is located within the 1700-acre Ft. Harrison State Park on the east side of the I-465 loop at the 56th street exit.



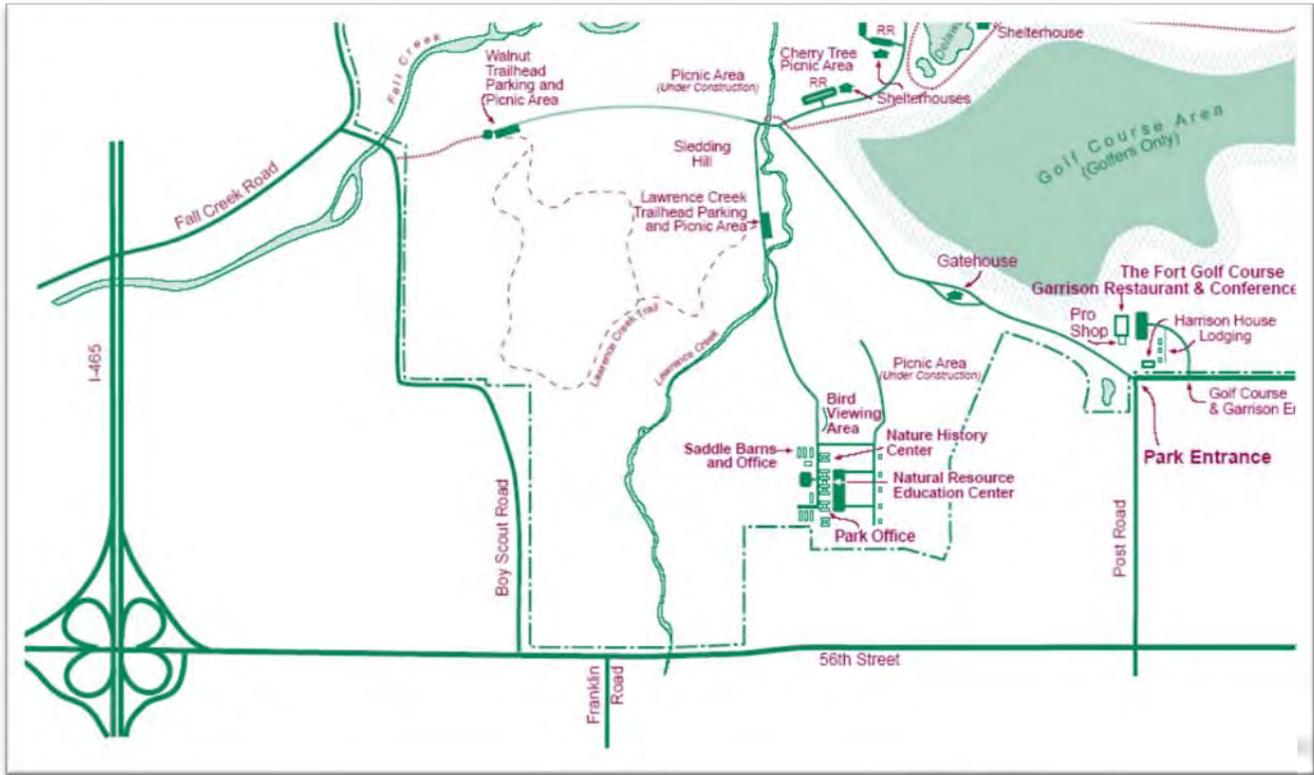
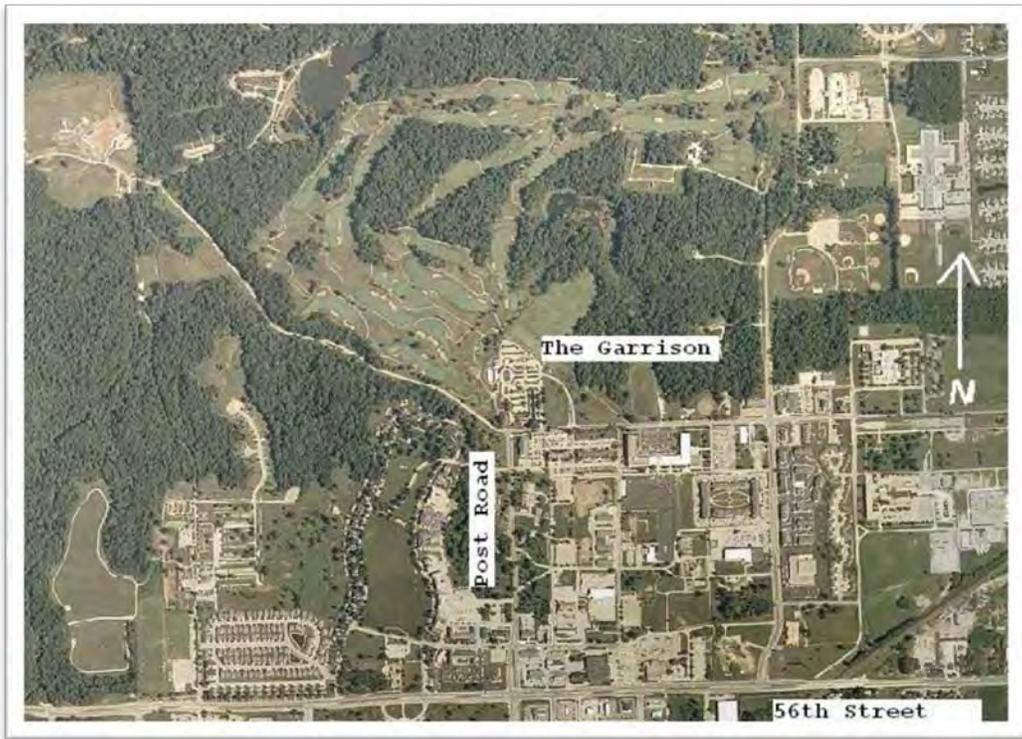
A registration fee of \$25.00 will cover the cost of coffee, snacks, and a **buffet lunch** in the Garrison Restaurant. Please fill-out the registration form on the last page and **mail to Paul McCarter by January 15th**; registration after January 15th will be \$30.00. Lodging is available by contacting the Garrison website at: <https://garrison.dnr.state.in.us/> or by calling **Reservations: 877-LODGES-1**

Fort Harrison Golf Resort & Conference Center
6002 N. Post Road Indianapolis, IN 46216
Phone: 317-543-9592 Fax: 317-543-3967

HASTI 2010

The Indiana Association of Professional Soil Classifiers is continuing their sponsorship of a booth at the Hoosier Association of Science Teachers February 3rd through the 5th. We will be needing help staffing the booth largely on the 4th and the 5th from 8:AM to 6:30 PM on the 4th , and 8:AM to 2:PM on the 5th. Most of the activity will be on the 4th and it would be great to have a number of people willing to work a 4 hour shift on either one of those two days. Thursday the 4th from 4:30 – 6:30 is the social and it will be held in the exhibit area this year. Our booth number will be 1010 this year.

If you would like to help with the HASTI project, please contact: norm.stephens@in.usda.gov



2009 State Land Judging Results

The state soils contest is now in the history books. Despite Mother Nature the contest occurred with only an hour and 15 minute delay. Results were ready at the posted time of 3:45 PM for the 313 contestants that competed.

Results are posted at <http://www.four-h.purdue.edu/cde/index.cfm> and then click on Soils about mid way down your screen and you will find pdf files.



Dena Marshall presents Glen Jones with the Chrome Spade for the 2008 Contest.

Congratulations to the top individuals and teams:

Junior Division:

Ross Kindig of South Newton, #1 individual
South Newton Jr Team coached by Darrell Allen
was top team

Senior 4-H:

Cody Eames of North Miami, #1 individual
North Miami 4-H Green coached by Glen and Chris
Jones was top team

Senior FFA:

Andrew Johnson of Orleans, #1 individual and
overall high individual (perfect score) get \$500
scholarship from Indiana Association of SWCD
Danville FFA coached by Duane Huge was top
team

Master:

Karli Musselman of North Miami, #1 individual
North Miami Masters coached by Glen and Chris
Jones was top team. **This team was highest overall
and winning Glen and Chris Jones the Chrome
Plated Spade sponsored by Indiana Association
of Professional Soil Classifiers, Inc.**

No Respect

My wife's a water sign. I'm an earth sign. Together
we make mud.

Most of the arguments to which I am party fall
somewhat short of being impressive, knowing to the
fact that neither I nor my opponent knows what we
are talking about

My psychiatrist told me I was crazy and I said I
want a second opinion. He said okay, you're ugly
too.

The way my luck is running, if I was a politician I
would be honest.

I found there was only one way to look thin, hang
out with fat people.

I had plenty of pimples as a kid. One day I fell
asleep in the library. When I woke up, a blind man
was reading my face

When I was born, the doctor said to my father, "I'm
sorry, we did everything we could but he still pulled
through".

I was lost and asked a cop to help me find my
parents "Do you think we'll find them", He says, "I
don't know there's so many places to hide"

- **Rodney Dangerfield** , 11/22/1921 to 10/05/2004

Travels down the Dirt Road



Tales of THE girl soil scientist (at the time), Dena (Roberts) Marshall

As I'm preparing to take the next step in my soil science career as a Soil Data Quality Specialist in Lexington, KY, I've been reflecting on my adventures here in Indiana. Most are entertaining so I thought I might share as we can all use a good chuckle now and again. And gee, when I started writing this, I NEVER thought it would be this long.

It all started when my college advisor handed me a packet from the Soil Conservation Service (SCS) that contained an application, that LONG multi-folded back to front SF-171 in shades of soothing green (*supposedly to keep you calm as you tried to sort it out? Welcome to government paperwork!*), and said to me "Here, this looks like something you might be interested in". So, I filled it out, shoot when you're a college kid ANY job is a good one. And some weeks later got a letter in the mail with my ratings as a soil conservation and as a soil scientist. I actually rated higher as a conservationist. THEN, I got a call from SCS! They wanted to interview me! So a time and place was set, I was going to interview with the AC of Area 5, Jane Hardisty. I was more nervous than a long-tailed cat in a room full of rocking chairs! What to wear?! Don't be late. Don't have a wreck getting there, which I almost did. Frightening! But all went well, Jane was very interested in what I

thought of the agency, and honestly I didn't know much about SCS at the time. But since I was more interested in soils she wanted to make sure I trained with Allan Nickell, the Area Soil Scientist.



I spent the 1st summer going out on soil investigations (*I actually met my future husband, though I didn't know it at the time, on an animal waste pit investigation and we're still married, so stinky pig poo must not have been bad ju ju*), wetland appeals, doing CRP status reviews, soil mapping, cleaning out trucks and closets, the usual "what do I do with this student trainee?" stuff. LOVED IT! What a great job, get to be outside doing lots of different types of work, helping people. Worked with folks like Bob Dunn, Ursel Rogers (great guys to run interference on wetland appeals with the landowners while Allan and I did the real work), Stan Steury and Karen (Gray then) Hauer-DC, and Charlie Cardinal who I will never forget for CHEWING OUT the DNR technician on a survey for picking up the hatchet before we made the turn on the bench mark, the everlasting memory of Steston cologne in which he bathed most days, and chewing tobacco juice all down the inside of the gov't truck door.

So the rest is pretty much history, cause I'm still here. In my days I've had the opportunity to work in most all parts of the state. And I've also had the chance to work with some great people along the way. I have to give credit to Bobby Ward, our state soil scientist at the time, for "taking a chance" on this girl who thought that she could be a soil scientist in a field that, at the time and in a lot of ways still is, was mostly men. After college I

was posted to Delaware County to help finish the soil survey there. Gary Struben was the party leader (we still called them “parties” back then) and this other squirrely little soil scientist just graduated from Purdue by the name of Scot Haley (*love you man!*). Leonard Jordan was the AC in Huntington at the time and actually our boss. Got to meet folks like Don Ruesch this BIG guy from Wisconsin who knows more drinkin’ songs than anybody I know, this crazy engineer by the name of Roger Roeske, whose main redeeming feature was a wife that made the BEST candies and baked goods at Christmas. And all the rest of the Area 2 folks, a scare you to death computer specialist, John Beatrice, the always jolly Greg “the Beeb” Biberdorf, the 2 Darrells, Mcgriff and Brown, very TALL Dave Lafforge, the “girls” Judy Millner, Bernice Dyer, Loretta Howard, and Kathy Latz, and Mike Cox fellow deer hunter.

Good times in Muncie! Will never forget being crammed an office (or the probe truck, one in the middle gets to shift gears!) with Gary and Scot, and THE computer (only 1!) in the office, the copy machine, book cases and filing cabinets and the occasional mouse. We had one phone between us. OH! And that one day prior to being rotten banana Struben always seemed to have in his bottom left hand desk drawer. Stinky! And Wednesday nacho day at Wise’s Grocery Store. Just meat and cheese on Scot’s please. Mr. Cheeseburger, PLAIN.

Then came time to move on to the next project, moving back home! Kinda nice for a newly married gal. Got moved into the soon to be disbanded area office. There really is a cycle to life, there were areas when I started, then we did away with them and now they’re back again. Byron Nagel was my new boss and we were starting the soil survey update of Floyd County. Worked with Steve Neyhouse and George McElrath and was that ever an education in learning to become a decisive personality! There was Brenda McGovern (Petro at the time) and Sue Anderson were in the front office, Mark Goldsmith and Randy Braun with DNR, and all of us trying to make some sense of the new order of things and still apply those TQM techniques. YEE HAW! We don’t necessarily have to agree, we just have to come to consensus. ☺
And most recently in the past few years developing fast friendships with folks like Genny Helt (probably the closest I’ll ever have to having a

protégé, poor Genny☺), Mike Wigginton for his gentle nature and has lived in more countries than anybody I know, Alena Stephens who has bailed me out of more ArcGIS issues than you can shake a stick at, Rick Neilson with his worldly knowledge and experiences, and dry sense of humor, Norm Stephens for bringing a geologist’s outlook to soils work here in Indiana and being photographer supreme at most of our events, John Allen for being willing to lend a hand whenever we needed it, Asghar Chowdhery even though I never lived up to his expectations of being a mother, and Kevin Norwood for just trying to do the right things.

And as far as adventures go, BOY! Have I had a few. And usually in the company of my problematic probe truck, which may look impressive, but could get stuck on a turd. Thanks HT! And have we been stuck! Stuck in fields, stuck in farm lanes, stuck in ditches, stuck in the creek, stuck in pastures.



It’s taken kind passerby’s with 4X4 trucks, wreckers, and tractors (even one we “borrowed” without permission once) to get us back on firm footing. Never fear I’ve always got plenty of log chain in the truck! And we won’t even mention the “woman” driver connotation....
And the ever present field obstacles, territorial bulls (especially dairy bulls) that like to throw their weight around, snippy dogs that sneak up on you AFTER you’ve got to the door and are now between you and the truck, over friendly horses which are just pests after they try to run you down, and of course the irate landowner that had a really

bad day at the ASCS/FSA office the day before, unbeknownst to you of course. But all in all it's been GREAT fun. Like all jobs it's had it's good days and bad days and YES there have been the ones where I've thrown things and wondered WHY did I ever choose this career?! But the overwhelming LOVE of soils and the job in general has gotten me through the tough times. Ran across a quote a few years ago that I like pretty well and thought I would share:

“A truly happy person is one that can enjoy the scenery on a detour” Author Unknown

I'm looking forward to this detour in my career and the good Lord willin' and the creek don't rise I may find my way back to Indiana some day. Even though I will miss everyone here and moving on is a bit scary, I'm sure it will be just fine. Take care y'all and you can email me in Kentucky, just replace “in”.usda.gov with “ky”.usda.gov and it'll find me.

Yer's in Dirt,
Dena

29th Annual Central States Forest Soils Workshop

The 29th Annual Central States Forest Soils Workshop was held on October 13th to 15th, 2009 in Santa Claus, Indiana. Eighty-four people from five states attended the workshop, including four college students. Attendees represented three federal agencies, three state agencies, three universities, two county departments and many consulting foresters and soil scientists. Field visits included demonstrations on best management practices, timber stand improvement, oak regeneration, control of invasive species, mulch production, carbon sequestration and WRP tree plantings, timber sales, pine harvest, management of private forests, and examination of soils with fragipans and soils formed in interbedded shale and sandstone. The workshop also included tours of the Rickenbaugh House at Celina Lake and the St. Meinrad Archabbey. Sponsors of the workshop included NRCS, USFS, IDNR, Purdue University, Lincoln Hills RC&D Forestry Committee, Indiana Association of Professional Soil Classifiers, Hoosier Chapter of the SWCS and Indiana Society of American Foresters.

Next year's workshop will be held in London, Kentucky on October 12th to 14th, 2010. The workshop will return to Indiana in 2015. Submitted by Gary Struben



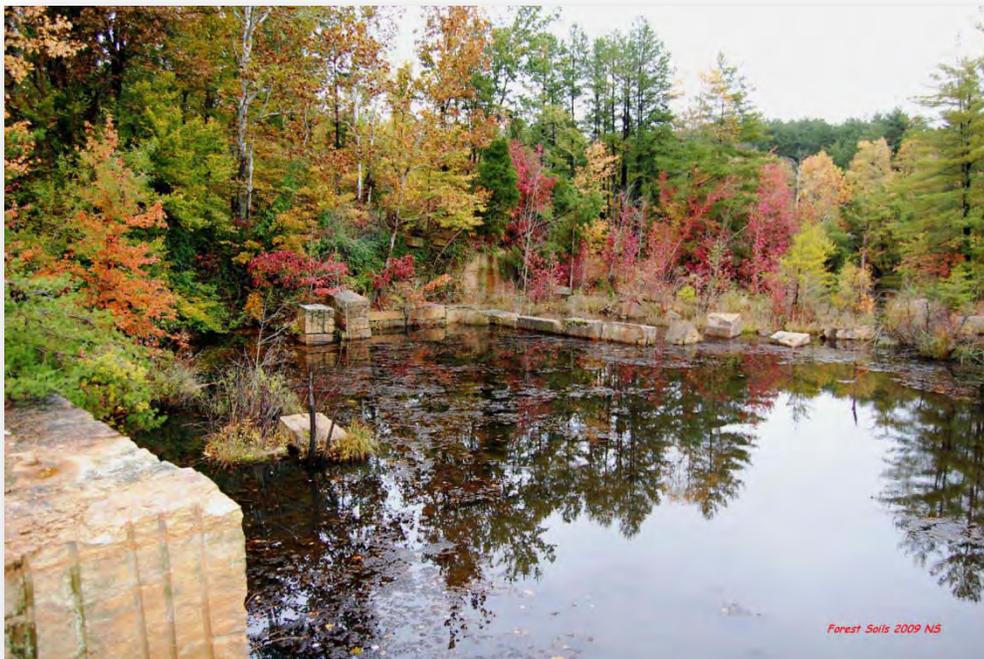
Group photo taken at the Rickenbaugh House.



St. Meinrad Archabbey



Scot Haley at Bear Hollow



St. Meinrad Quarry



Byron Nagel leads soil pit discussion.



MC for the Workshop ... Santa Struben



Sandstone blocks at the St. Meinrad Quarry



Asghar Chowdhury and friend posing at Bear Hollow.

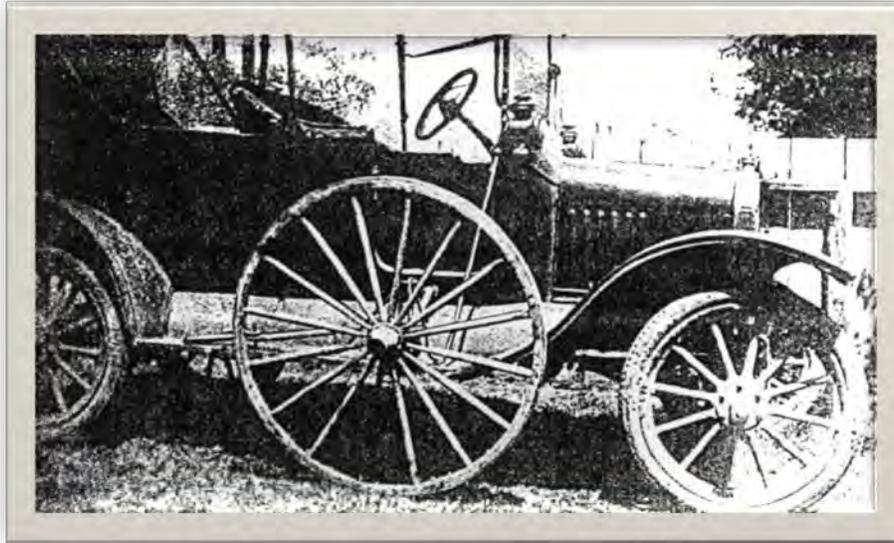


I think everyone can figure out who the person is in this photo? ☺

More photos of the Forest Soils Workshop can be found at:
<http://www.flickr.com/photos/indycaver/sets/72157622721633490/>

Investigations In Adapting The Automobile To Accurate Soil Survey And Road Traverse Work

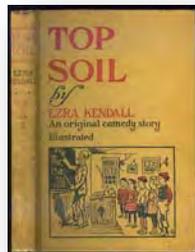
I ran across this title when I was researching some other papers written by T.M. Bushnell. Published in December of 1919 by the Texas Agricultural Station located at the Agricultural and Mechanical College of Texas now known as Texas A&M. This article is short, but clearly describes the problem and the solutions needed in producing accurate base maps for soil survey work using the automobile, a buggy wheel, and a modified Ford odometer. The perfect buggy wheel would revolve 500 times per mile and was attached to a counter to record the revolutions. Bushnell experimented with a modified Ford odometer to record measurements of less than a 1/10th of a mile. Both methods worked satisfactory for creating the early soil surveys and their original base maps.



The buggy wheel mounted on the Tin Lizzie is a long way from the Digital Elevation Models and GPS units we're currently using, but only a few short years from the first Indiana county mapped on aerial photography in 1925-1928.

Top Soil

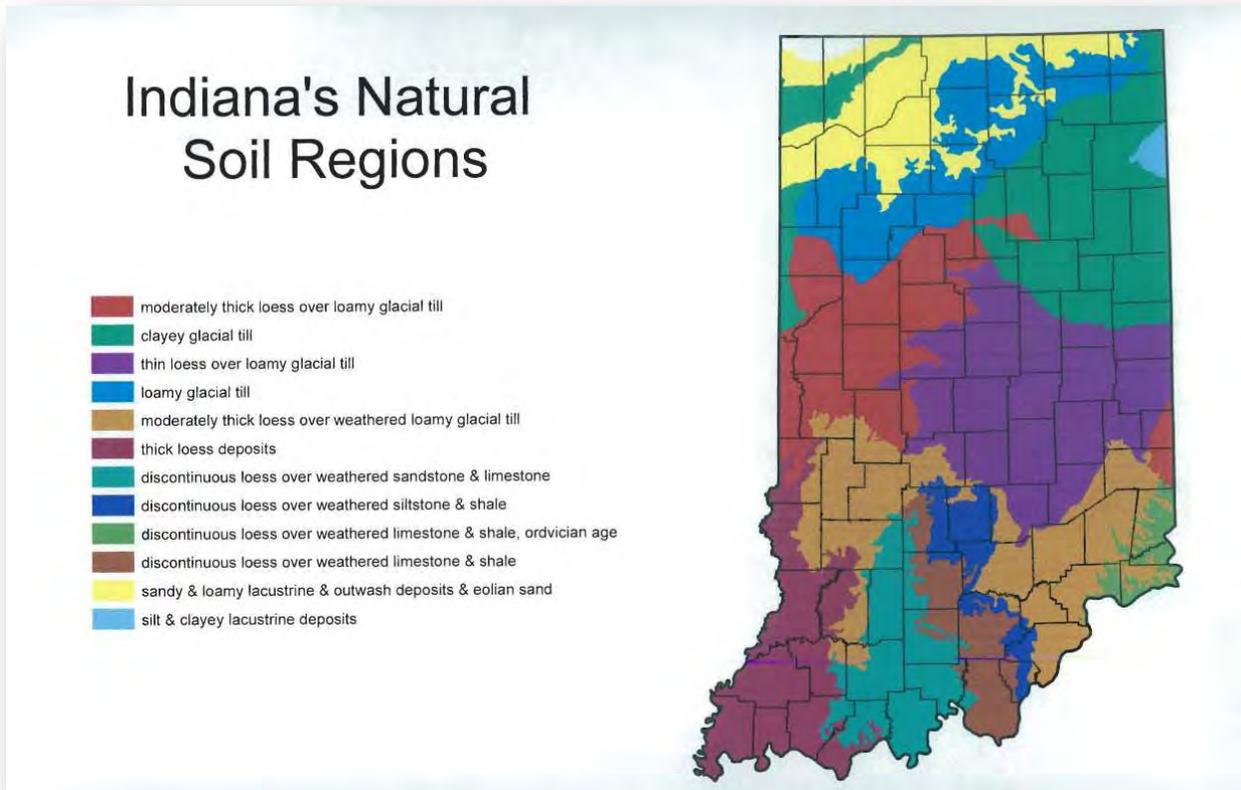
"Top Soil" is a comedy published around 1909 by Ezra Kendall. The book tells a story about the main character a fellow named "Sandy Loam" and his life in Top Soil, Indiana. It's an enjoyable read of about 192 small pages, and while it may not add to your soil survey knowledge, it may provide a chuckle, or two, and a look back at what life was like during the infancy of the soil survey program. I'm sure there is a soil survey connection to this book, but I've yet to make the connection. Maybe you can? If you can't find a copy at your local library, there are several copies for sale at this web site at various prices and conditions:



INDIANA ASSOCIATION OF PROFESSIONAL SOIL CLASSIFIERS

POSSIBLE T-SHIRT DESIGNS

Due to the high demand, our supply of IAPSC shirts is almost gone. We are considering new designs for new t-shirts and have included one possibility below. There will be other proposals on display for the membership to vote on and discuss at the winter meeting. If we order more than 100, the cost of each shirt is reduced. The following is a potential design for the back of the shirt:



The following is a potential pocket design that would be paired together:



Indiana Association
of Professional
Soil Classifiers

2010 WINTER MEETING REGISTRATION FORM

For Thursday – January 21st

Send in your Check Today!

This year's IAPSC First Annual Meeting will be held again at the historic district of Ft. Benjamin Harrison at the Garrison Lodge on January 21, 2010. The Garrison Lodge is the former Officer's Club and is located within the 1700-acre Ft. Harrison State Park on the east side of the I-465 loop at the 56th street exit. The registration fee includes continental breakfast and lunch. Preregistration helps to keep meeting costs down.

Registration Fee \$25.00 before JANUARY 15th

LATE FEE after JANUARY 15th - \$30.00

If at all possible register before JANUARY 15th

Make checks to I.A.P.S.C. Inc.
Clip and mail to Paul McCarter
2753 E. Gallimore Road
Bloomfield, IN 47424-9750

Name(s): _____

Members please update the following, if needed:

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