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OREGON SOCIETY OF SOIL SCIENTISTS

VOL. XX NO. 1



EXPLORE THE EARTH ON LEWIS AND CLARK'S TURF

OSSS WINTER MEETING
FEBRUARY 22-23, 2007



by Ed Horn, El President

Our 2007 Oregon Society of Soil Scientists winter meeting in Astoria is coming together. We have a diverse set of talks planned on a variety of subjects. In order to raise money for scholarships, we will be raffling a GPS unit obtained by Will Austin and will be conducting a silent auction. For those of you that have posters to share, please bring them to present. We will be judging the poster session with the winner getting their membership dues paid for one year. For our field trip we will be visiting tide gates built in the 1960's to drain tidal marshes for planting agricultural crops. From atop the column in Astoria, Scott Burns will talk about soils and Geology of the Astoria area and we will descend into town to visit a landslide that has plagued a number of homes built on

the slopes. Please join us for good conversation, good food, and yes exploring the Earth on Lewis and Clarks Turf!

Astoria is the western end of the Lewis & Clark Trail. Astoria and Warrenton have several first-class interpretive attractions including Fort Clatsop, the Columbia River Maritime Museum, the Flavel House, Fort Stevens State Park, the Astoria Riverfront Trolley and the Astoria Column. The area has an extraordinary sense of place and feeling of history.

Reserve your room NOW to be assured a room at the special OSSS pricing. City Side Rooms Standard \$77 per night including the weekend. River Side Rooms Standard \$85 per night including the weekend.

Please be certain to mention "Soil Scientist" when

(Continued on page 2 in President's Message.)

1-800-SOILS-LAW (cont.)

By Stan Winter

When order was finally restored, the judge tried to explain that because they were a secret soil judging society, no one knew they existed. Therefore, they had never competed against any other group, but they were ready. Well, this explanation seemed to satisfy everyone, so the trial continued.

Thus, the case of the "Highly Miffed Residents of Cosgrove Heights vs. the soil surveyor, Oliver Kenneth Swenson, the planning council

(Continued on page 6.)

PRESIDENT'S MESSAGE



(Winter Meeting: from page 1.)

registering. This registration is best done by phone. Toll free 1-888-898-6222
The Website for the Holiday Inn Express is <http://www.astoriahie.com>

Directions From Portland
FROM PORTLAND/HWY 26-101 TO ASTORIA; MERGES WITH W. MARINE DR,
LEFT AT COLUMBIA DR, ON RIVER UNDER BRIDGE. SEATTLE/HWY 30 TO ASTO-
RIA; MERGES WITH W. MARINE DRIVE ; RIGHT AT COLUMBIA DR; ON RIVER
UNDER BRIDGE.

Also, please join us at Wet Dog Cafe & Brewery Wednesday evening for our No-
Host Social. 

State Soil: Appeal for Support

by Jack D. Jory, Director, Jory Family & Friends Association.
jackjory7@comcast.net

On behalf of the Jory Family and Friends Association, a 501 (c) (13) Historic Cemetery Association Incorporated in Oregon), I would like to ask for your organizational support in the effort to name "Jory soil" as the official Oregon soil.

The Oregon Society of Soil Scientists is a very prestigious professional organization that is well regarded in the scientific community. Your endorsement would help establish Jory soil as the Sate soil.

We realize there are a number of soil types in Oregon but none are as well known perhaps as Jory soil.

If you type in the name Jory soil in a search engine, you will find a number of references to the name "Jory Soil" especially as it pertains to the ever increasing number of vineyards in the Willamette Valley.

An effort will soon be underway in the legislature to accomplish the naming of Jory soil as the official State soil. The state soil in several of the other 51 states was designated by the State legislature in those states.


Your support will be crucial to this effort due to the combined knowledge of your individual members.

I was born on the G.W. Jory farm 7 miles south of Salem in the Rosedale district in 1933. I can tell you a great deal about growing up on a farm with Jory soil under foot!

The Jory Family & Friends Association has been working to restore and maintain the Jory Pioneer Cemetery located off Cole Road south of Salem. A grant from the Oregon Historical Cemetery Commission was received three years ago to help in this effort.

James & Mary Jory came to Oregon over the Oregon Trail along with their six sons in 1847 where they took up farming south of Salem. The Jory Pioneer Cemetery and Joryville Park are landmarks that still stand to honor this pioneer family.

Joryville Park, part of the Marion County Park System, is located off Jory Hill Road south of Salem. This is a beautiful 27 acre park that is well received by Oregonians and visitors from outside of Oregon. We held a Jory Family and Friends Reunion and picnic in the park last summer. Horse back riding is permitted in the park.

Sincerely,
Jack D Jory, BA, MBA
360-456-8755; 360-259-1799 (cell) 



EASTSIDE NOTES

by Larry Thomas

Big news in the NRCS Crook Co soil survey is that Tom Clark has officially retired as of 01/3/2006. This means that Kurt Moffitt will now fill Toms place on the NRCS survey team. Kurt is running for secretary of the OSSS. His survey partner, Ryan Miebach has also graciously agreed to run as the new Eastside representative for the OSSS as my two year term expires. Thank you Ryan and Kurt. For those who haven't heard my own retirement date is 01/3/2008 which will be here soon.

Tom had great retirement celebration on 1/13/2007 in Redmond Oregon. Lots of stories mostly true were told, embellished perhaps to protect the innocent or those not present to defend themselves. Kathy, in a complete surprise to Tom ,had his truck detailed out and it is once again a very nice looking bright red. It looks brand new. Tom was presented with his own soil name:

- Series:** 44T Tom Clod Van Damme
- Taxonomic** Almost skeletal, mixed minded,
- Class:** not-so superactive, retired, record maniacisols
- Texture:** Medium gravelly course sandy loam
- Structure:** Strong medium granular

Tom started his federal career in the Navy before joining the NRCS in Idaho. He had 7 party leaders during his career including Chad McGrath in Idaho. He survived 14 and 1/2 years of survey work in Burns, Oregon. He worked on 6 different soil surveys: Caribou Bear Lake County (Idaho), Bannock County (Idaho), Harney, South Lake Crook Counties, and his favorite Crater Lake. He even has the distinction of mapping a whole desert The Alvord Desert in Harney Co.

Tom and Kathy plan to keep busy in retirement; Tom with his expanding record collection the wheeling and dealing, selling and buying, record meets, garage sales ,finding those rare gems so that his estimated 8,000 records will very soon be larger. Kathy on the other hand will be dealing in keeping Tom under control and out of trouble.



DATES TO REMEMBER

February 22-23, 2007: Oregon Society of Soil Scientists Winter Meeting; Astoria, Oregon; Holiday Inn Express. Information is available at osss.peak.org. Motel reservations can be made by calling 1-800-315-2621 or online at www.hiexpress.com.

March 1-3, 2007: National Soil of Consulting Soil Scientists Annual Conference; San Antonio, Texas. Information is available at www.nscss.org

March 9-10, 2007: Oregon Onsite Wastewater Association Annual Conference; Chinook Winds Casino in Lincoln City. Information is available at www.o2wa.org

June 10-15, 2007: Society of Wetland Scientists Annual Meeting; Sacramento, California. Information is available at www.sws.org/sacramento2007/index.html

June 17-21, 2007: Western Society of Soil Science Meeting; Boise, Idaho. Information available at www.asa-cssa-sssa.org/branch/western-soils/

November 4-8, 2007: Soil Science Society of America Annual Meeting; New Orleans, Louisiana. Information available at www.acsm meetings.org/2007



Tom at home with his records, Juke box getting ready for his next record meet.



EXPLORE THE EARTH
ON LEWIS AND
CLARK'S TURF

OSSS WINTER MEETING
FEBRUARY 22-23, 2007



OSSS ANNUAL WINTER MEETING
TENTATIVE AGENDA

Agenda May Change to Protect the Innocent - Please Check OSSS Web Site for Latest Information at www.osss.peak.org

WEDNESDAY, FEBRUARY 21, 2007 (Wet Dog Cafe & Brewery 144 11th St. Astoria)

6:30 – 8:30 No Host Social (Wet Dog is west of the Holiday Inn Express)

THURSDAY, FEBRUARY 22, 2007 (Holiday Inn Express Conference Room)

8:00 – 9:00 Continental Breakfast at Hotel and Registration

9:00 – 9:15 Greeting and Introduction

ED HORN, OSSS President

9:15 – 10:00 *PAT CORCORAN*: History of Astoria area: Coastal hazards such as tsunamis and earthquakes, coastal storms and landslides.

10:00– 11:00 Jay Noller's Grad Student?: Soil modeling in Eastern Oregon.

11:00– 12:00 *TAMZEN STRINGHAM*, OSU Prof range ecology: State and Transition modeling and dynamic soil properties.

12:00– 1:00 Lunch

1:00– 2:00 *WILL AUSTIN*, OSU Senior Faculty Research Asst.: Hands on demonstration of water movement through various soil textures. He has put this presentation on for the wastewater folks at their meetings.

2:00 – 3:00 *DAVE AMBROSE* (possibly), Clatsop soil and water conservation district: Soil conservation practices for local developers.

And/Or *DON LEACH*: History of Tide Gates and Dikeing Districts

3:00 – 5:00 OSSS Annual Business Meeting

7:00– 9:00 Banquet and Award Presentations. *JAY NOLLER*, OSU Associate Soils Professor: Soils and Cyprus his Work

FRIDAY, FEBRUARY 23, 2007 (Holiday Inn Express Conference Room)

8:00 – 9:00 Continental Breakfast at Hotel and Registration

9:00 – 10:00 *HERB HUDDLESTON*, OSU Soils Professor Retired : Lessons learned about Hydric Soils in Saline Vernal Pools, California

10:00 – 11:00 *KARIN BAITIS*, BLM Eugene District Soil Scientist:

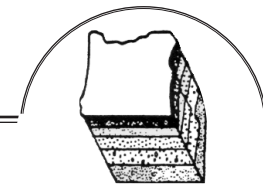
Mazama Ash deposits in a Willamette Valley Wetland.

11:00 – 12:00 *SCOTT BURNS*, Portland State University Geology Professor:

Dynamic Geology of the Oregon Coast and Land Use Planning

12:00 – 1:00 Lunch

1:00 – 4:30 Field Trip: *DON LEACH*, Retired NRCS District Conservationist: Visit tide gates at low tide; and *SCOTT BURNS*: Overview on Geology and Landslides



WESTSIDE NOTES

OVERVIEW OF CLATSOP COUNTY SOILS

by Dan Cressy

In preparation for our winter meeting and field tour in the Astoria area, I did a quick study of the NRCS Clatsop County Soil Survey and a few other sources to become better acquainted with the taxonomy and properties of these wet, coastal soils. Briefly, the geology consists mostly of old, uplifted marine sediments that are pierced by intrusive basalts and covered by basalt flows and tuff. This uplifting over the last several million years has caused a long sequence of erosive down cutting and landslides. The result has been the widespread mixing of the sedimentary and basaltic material. Siltstone seems to be the most common sedimentary rock. Today's topography is dominated by steep mountains, some over 3,000 feet, dissected terraces and broad river valleys. Many areas in the county become unstable when disturbed.

As would be expected, the maritime influence on climate and soil genesis has been strong throughout the county. The mean annual precipitation ranges from 60 to 100 inches. It is 67 inches in Astoria. As far as I can tell from the family names, all of the soil series mapped have the wetter soil moisture regimes udic and aquic (Aquic soils have water tables at or near the surface for long periods of the year). One third of them has soil drainage of somewhat poorly to very poorly and classify as hydric soils. Three of these were able to develop histic epipedons (surface horizons very high in organic matter).

All of that year-round moisture in the air really moderates the temperature and narrows the difference between the highs and lows. In Astoria the mean winter temperature is about 44 degrees F and the mean summer is 60 degrees F, only a 16 degrees difference. The difference narrows more at twenty inches depth in the soil where the soil temperature regime is determined. The difference is narrow enough (less than 9 degrees F) to be make an isomesic soil temperature regime in about 90 percent of the soil series mapped (mesic indicates a mild soil temperature and iso indicates small year round change).

All that rain and moderate temperatures creates conditions for accelerated weathering of rock and soil formation and leaching of nutrients. Only one soil series has shallow soils. Again as far as I can tell from the family names, almost all the soils have relatively low based saturation (indicator of low natural fertility) and are very strongly to extremely acidic. Many of these have the dark umbric epipedon. Exceptions are the poorly drained and the very poorly drained tidal flat soils whose pH is usually in the neutral to medium acid range. When drained these tidal flat soils can become very strongly to extremely acid.

Only five of the twelve soil orders are mapped. Inceptisols are the most mapped followed by the entisols. There are also andisols, histosols and some alfisols with weakly developed argillic horizons.

The remainder of this article focuses on where the field trip will occur SW of Astoria - on a tidal-influenced floodplain along the shores of Youngs Bay, an inlet of the Columbia River near its mouth. The Lewis and Clark River empties into Youngs Bay. The floodplain is mapped as the silty, very poorly drained Coquille-Clatsop complex and as excessively drained tropopsamments (young sandy soils) where the airport is located.

There are two phases of the Coquille-Clatsop complex present, protected and unprotected. I believe the predominant protected phase has man-made barriers which isolate it from flood and tidal influences. Most of the unprotected phase occurs as narrow strips right along the margins of the bay where flooding is frequent. Coquille soils are fine-silty, mixed, isomesic Aeric Tropic Fluvaquents and Clatsop soils are fine-silty, mixed, isomesic Histic Tropaquents. Clatsop has a muck surface layer (one of highly decomposed organic matter) that is not quite deep enough to make it a histosol. The vegetation listed for this mapping unit includes willow, red alder, salmonberry, rushes, sedges, cattail, skunk cabbage and grasses.

The higher ground above the flood plain is terraces and hills with moderately well and well drained fine-silty soils over sandstones and siltstones. They support mixed coniferous forests. Going west past the town of Warrenton in Fort Stevens State Park and Camp Rilea is the north-south oriented dune-interdunal areas with sand and sandy loam textures. The dunes are generally excessively/somewhat excessively drained while the depressional interdunal areas have ponds and soils with poor drainage. One interdunal soil is the histosol, Bergsvik, with a thick surface layer of mucky peat. Sitka Spruce forests occupy this dunal-interdunal environment. Proceeding further west is the narrow band of dune lands overlooking beaches and the Pacific.



(1-800-Soils-Law: from page 1.)

of the City of Santa Rosa, and the developer, 'Pave-it-over' Homes began. The charges were read as follows - namely "the defendants were negligent in not recognizing the presence of clay and not taking reasonable steps to prevent damage from that clay." Silty represented the homeowners, the plaintiffs.

Because this was a high profile case, the judge had allowed the proceedings to be televised. Frequently the camera panned the jury looking for some emotion. The bailiff had already confiscated several signs from jurors. One sign said, "HI, MOM!!!" Another said, "Hi, to our beloved basin team leader. We love you!!!!!!!" Occasionally the jury would jump up and do the "wave" during testimony they particularly liked. This behavior was quickly stifled when the judge rearranged the seating of the jurors.

Silty began the prosecution by entering into evidence, as Exhibit 1, a dirt clod taken from the site but not an ordinary clod. It had prismatic structure that is typical of a clayey soil. Silty turned to the camera and stated that any soil surveyor having visited the spot would have recognized it as clay.

Exhibit 2 was the soil survey report itself - it had not identified any clayey soil in that area though. Normally, such reports would display a colorful landscape photo on the front cover. Instead, it was a montage of snapshots featuring each soil surveyor who had ever worked on the survey - motley crew at best. The back cover featured each surveyor loading his U-Haul van and driving off to the next county to be surveyed. Because surveyors tend to marry teachers, the wives refused to go along until the school year was over.

Exhibit 3 was a GPS unit found at the site. It was common for a surveyor to dig a soil pit as his GPS triangulates its position on a nearby rock. If this were the case, then the surveyor would have known the soil was of the shrink-swell type and therefore he would be remiss in not reporting it. In the meantime the batteries had worn down. Once new batteries had been installed, police officers simply followed the GPS unit back to the soil survey office.

A fingerprint expert was asked to testify about any prints left on a discarded mud ball located near the soil pit. The expert pointed out that in the process of determining field soil texture, most fingerprints would be destroyed. He explained that for a soil surveyor to determine a soils' clay percentage, the surveyor must wet the soil sample and then manipulate the mud between his thumb and index finger. In general, the more clay the soil sample has, the stickier and more plastic the sample feels. Even though no prints were identified, the expert did find minute nylon hairs in the mud ball.

"This suggests," Silty said as he turned towards the jury, "that the soil surveyor had worn fuzzy gloves when he textured the soil so as not to leave any evidence of his presence."

"Objection!" shouted the defense council. The judge agreed and the witness stepped down. Furthermore, the judge instructed the jury to ignore Silty's accusation, but the jury had heard it.

Next Silty called Oliver Kenneth Swenson, the soil surveyor, to the witness stand. "Mr. Swenson, may I call you 'O.K.?' asked Silty?

"That sounds friendly," the surveyor responded.

"Do you normally use gloves when you texture a soil," Silty asked. "Only when my hands are cold," O.K. said.

Silty paused momentarily to let the jury mull over this response and the fact that the region had been experiencing record heat. Then Silty continued with his questioning.

"Isn't it true that you routinely change the soil colors in your profile descriptions so as to agree with the colors found in the OSD? But before you answer, you should know we have a sworn statement from one of your co-workers stating that you fill out your profile description cards in pencil."

O.K. felt his body temperature rise and he squirmed in his seat. "Well, to match the soil classification of an existing soil, I must alter the colors of my soil pit slightly, otherwise a new soil is required."

"Have you ever moved your measuring tape from one side of the pit where the depth to bedrock is shallow over to the other side of the pit where the depth is moderately deep in order to obtain the desired depth class? Again I must warn you we have several pictures - one picture has the measuring tape on the left side of the pit face and then another picture of the same pit with the tape on the right side."

Beads of sweat were now forming on O.K.'s forehead and under his arms. "Well, sometimes a soil pit has every characteristic demanded by the OSD for a particular soil except for depth to bedrock. So we select the side of the pit which will satisfy that depth range."

"What would you say if I told you that we know you had dug and described only 1 or 2 pits for a proposed new soil instead of the 4 to 6 descriptions required by the OSD? Before you speak, we went the extra mile and impounded your sharpshooter looking for dried mud, scratches, dents, and other evidence of frequent use, but your shovel was relatively clean."

O.K.'s shirt was now wet with perspiration and his knuckles had become white as he squeezed the chair. "There is simply no time to dig and described so many pits. If you had 50 soils, then 4 to 6 profile descriptions/soil would require 200 to 300 pits."

Silty approached the jury box. "Ladies and gentlemen of the jury, I submit to you that the testimony of this witness can not be trusted," Silty said, "He is an admitted 'fudger'." Silty had used the notorious "F" word. The jury gasped. O.K. crawled down from the witness stand.

Silty then called Mr. Bryant of Human Resources to the stand. He testified that a small donation had been made to O.K.'s TSP retirement fund from an unknown donor soon after the housing development was approved. This is significant because a portion of the amount is matched by the government. Then the money is placed in a tax deferred account, so more pretaxed dollars are available to generate even more money. This is known as "compounding." This was insidious.

Then a man in the third row jumped to his feet and shouted, "I can't take it anymore. I did it. I went to her office and stabbed her repeatedly during the lunch hour when everyone was out. You never would have caught me because I had an ironclad alibi. I was attend-



ing a basin team meeting, but I slipped out unnoticed during the break and then back again before the donuts were gone. She was evil and I am glad I did it.”

Everyone was stunned and was unable to move. Silty was the first to recover and angrily charged that the attorney for the defense was into cheap theatrics again and it was below the dignity of the court to tolerate this display. The judge agreed and ordered the bailiff to remove the man from this court. Furthermore, he should be escorted down the hall to the gallery in the criminal courtroom where his admission of guilt would be taken seriously. The camera had filmed it all.

Silty concluded his case by pointing to O.K. Swenson and reciting the evidence against him. In essence, O.K. had tried to save time by circumventing soil survey rules, had frequently worn gloves to hide his presence, and, of course, the money.

At this point Silty and the plaintiffs rested their case. Now it was time for the defense.

As his first witness, the defense attorney called O.K.'s former supervisor. His supervisor testified that the O.K. seemed to display odd behavior in that he would arrive at work with a big smile on his face. Then he would quietly hum a happy tune as he spent long hours proofreading lists of mind-numbing numbers and names from a NASIS printout. Furthermore, he did not drink coffee. The jury murmured in the background.

Next, the defense attorney asked Dr. Rockmoninoff about the results of the

A FINGERPRINT EXPERT WAS ASKED TO TESTIFY ABOUT ANY PRINTS LEFT ON A DISCARDED MUD BALL ... “THIS SUGGESTS,” SILTY SAID [], “THAT THE SOIL SURVEYOR HAD WORN FUZZY GLOVES WHEN HE TEXTURED THE SOIL SO AS NOT TO LEAVE ANY EVIDENCE OF HIS PRESENCE.”



Roarshock ink blot test given to O.K. Dr. Rockmoninoff said that well-adjusted people see fluffy clouds, people's faces, flowers, or other symmetrical patterns in the ink blots, but O.K. saw only soil polygons. “Yes, soil polygons,” the doctor repeated, shaking his head with concern. “Moreover, when I was called away unexpectedly,

O.K. tried to pencil in mapping unit symbols into each polygon. “This suggests that O.K. has an overriding urge to complete his work,” said Dr. Rockmoninoff. “With hypnosis I was able to learn that his greatest fear was that a polygon would begin as a point but then the line would never return to the original point which would close off the polygon. It is my professional opinion that he is unstable and should never map soils again. On the other hand, if there were a dramatic need for more mapped acres in the future, then he could be re-employed.”

The defense attorney wrapped up his defense by saying that O.K. had been under a tremendous amount of stress to map more and more acres each year. O.K. had lived and breathed polygons. Dr. Rockmoninoff suggested O.K. needed to relax and concentrate on simpler shapes such as squares, triangles, and circles for a while.

Ultimately the case was turned over to the jury who wanted to see a copy of the National Soils Handbook, the Field Office Technical Guide, the MO Technical Notes, and the Who's Who in Soil Survey.

After being deadlocked for a week, the jury was allowed to attend Tom Clark's retirement party as long as the case was not

discussed. Later the jury returned to the jury room boisterous and rowdy but now they had reached a unanimous verdict for the defense because of a “technicality.” That technicality was found in MO tech note no. 43 - namely “minor components within any mapping unit will be handled at a later date because of the huge volume of these lesser components.” Thus, the clayey soil which had caused the cracking had not been mentioned in the “inclusions section” of the soil survey report yet. Even though there is no law requiring anyone to read a soil survey report, the judge ruled that the developer had closed his eyes to the existence of heavy clay while the city building inspectors were bribed to keep quiet. Silty celebrated.

As for O.K., the judge had considered a plea of “insanity because of mental defect” or the surveyor could be turned over to the medical staff for further psychiatric evaluation. Otherwise, he would be released and could go back to work. No employer wants to lose a good employee, psychotic or not. Officially O.K. was under medical “observation” in that he had to wear a leg tracking collar as he moved about the office. Ironically the collar is similar to the GPS unit he used out in the field. Unofficially, his present superior was pleased with his performance because O.K. had met his acreage goals. And his superior did not care how O.K. did it.

Silty's next case centered on a new garden implement called the “garden claw.” The claw consists of a series of bent tines attached to a vertical shaft with a hand-powered handle - very similar to a soil auger. The claw was advertised as being able to weed and aerate your soil including a clay soil with an easy-turning motion of the handle. Now Silty's office is full of people with twisted spines.

Silty knew there was money to be made in soils litigation.



Sharpshooter

The *Sharpshooter* is the official newsletter distributed to the members of the Oregon Society of Soil Scientists. Published quarterly by J.B. Good, Inc. and the Oregon Society of Soil Scientists. Address changes or inquiries about membership to:

OSSS
Box 2382
Corvallis, OR 97339

Web site and email address:

<http://osss.peak.org>
email: osss@peak.org

Advertisements

Reach more than a hundred soil science professionals with an advertisement in the *Sharpshooter*. And the price is right — whole page \$45, 1/2 page \$25, 1/4 page \$15, or 1/6 page \$10. All you need to do is provide a disk and hard copy to the *Sharpshooter* editor by the deadline (first of the month — January, March, June and November).

All articles and advertisements submitted are subject to room available basis.

News items

Remember all articles submitted to the *Sharpshooter* can be sent on 3-1/2" disk in most any DOS, MAC or ASCII format, along with a hard copy. In doing so, the *Sharpshooter* can get to you faster.

Membership rates

\$30.00	Regular member
18.00	Associate member
35.00	Sustaining member
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OREGON SOCIETY OF SOIL SCIENTISTS
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OSSS WINTER MEETING
FEBRUARY 22-23, 2007



EXPLORE THE EARTH
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OSSS WINTER MEETING
FEBRUARY 22-23, 2007

ASTORIA HOLIDAY INN EXPRESS
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2006
WINTER MEETING
REGISTRATION FORM

NAME: _____

TITLE & ORGANIZATION: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

TELEPHONE/EMAIL: _____

EARLY REGISTRATION DEADLINE: FEBRUARY 14*

TYPE OF REGISTRATION:	REGULAR MEMBER	RETIRED MEMBER	MEMBER SPOUSE MEMBER	STUDENT MEMBER	NON-MEMBER	TOTAL
FULL MEETING**:	___\$90.00	___\$75.00	___\$45.00	___\$30.00	___\$100.00	_____
THURSDAY ONLY***:	___ 50.00	___ 40.00	___ 30.00	___ 20.00	___ 55.00	_____
THURSDAY BANQUET:	___ 15.00	___ 15.00	___ 15.00	___ 15.00	___ 15.00	_____
FRIDAY ONLY****:	___ 50.00	___ 40.00	___ 30.00	___ 20.00	___ 55.00	_____

YES, I WOULD LIKE TO CO-SPONSOR STUDENT ATTENDANCE TO THE MEETING WITH A DONATION OF: _____

* LATE REGISTRATION FEE AFTER FEBRUARY 22: \$10.00 _____

TOTAL _____

** FULL REGISTRATION INCLUDES COFFEE SERVICE AND LUNCH BOTH DAYS

*** THURSDAY ONLY. COFFEE SERVICE AND LUNCH INCLUDED, BANQUET COST IS EXTRA

**** FRIDAY ONLY, COFFEE SERVICE AND LUNCH INCLUDED

TO JOIN OUR SOCIETY, PLEASE SEE OUR WEB SITE AT [HTTP://OSSS.PEAK.ORG/](http://OSSS.PEAK.ORG/). RATES ARE ALSO SHOWN ON BACK OF THIS NEWSLETTER.

YES, I WOULD LIKE TO TAKE THIS OPPORTUNITY TO JOIN THE OREGON SOCIETY OF SOIL SCIENTISTS.

MY APPLICATION FOR _____ (MEMBER CATEGORY) AND MY DUES ARE ENCLOSED FOR: _____ \$ _____

IF SENDING BY MAIL PLEASE MAKE SURE IT IS RECEIVED AT MY ADDRESS BY FEBRUARY 19TH, OR BRING TO MEETING.

COMPLETED REGISTRATIONS SHOULD BE RETURNED TO:

OSSS

C/O ED HORN

6921 SE RAVEN HILL CT

PRINEVILLE, OR 97754

_____ BALLOT FOR ELECTION OF OFFICERS _____

PLEASE CIRCLE OR WRITE-IN CANDIDATE OF YOUR CHOICE. CANDIDATE BIOGRAPHIES ARE ON BACK OF THIS PAGE.

SEND TO ED HORN 6921 SE RAVEN HILL CT, PRINEVILLE, OR 97754 BY FEBRUARY 19TH, OR BRING TO THE WINTER MEETING.

VICE PRESIDENT (PRES ELECT)

JAMES CASSIDY OR WRITE-IN: _____

WEST SIDE DIRECTOR

RYAN MIEBACH OR WRITE-IN: _____

SECRETARY

KURT MOFFITT OR WRITE-IN: _____

O.S.S.S. Officer Candidate Biographies

Kurt Moffitt The only child of the Moffitt Clan not born in Central Oregon. Grew up in Spokane WA, also known as Spokompton, or Spokanistan. Moved to Oregon two days after high school graduation. Built indoor climbing walls for two years before going to Oregon State. Graduated Oregon State University, December of 2006, BS in Crop and Soil Science with Soil Resource Management option, and two minors: one in Natural Resource Environmental Law and Policy, and one in Geology. (Member of the highly recognized OSU Soil Judging team led by the infamous Will Austin from 2004 to 2006). And now starting my career with NRCS in the strange shadow of the not-so-forgotten Tom Clark. (Again, thanks for retiring Tom!)

James Cassidy is an Oregon State University graduate and received his MS degree in Soil Science in 2002. His graduate research was focused on looking at the hydrologic significance of vole activity in drained riparian systems. James is also the faculty advisor of the popular OSU student club, the OSU Organic Growers Club, and helps manage the groups student farm and many outreach and education activities. James is currently an instructor teaching introductory soil science classes and summer classes to educators in the Department of Crop and Soil Science on the OSU main campus. His diverse interests include: Teaching, Cooking, Music, Ice Age floods, Gardening, Sailing, and Travel.

Ryan L. Miebach I graduated from West Albany High School in 1994 and Oregon State University in 2004 with a Bachelors in Soil Science and a Minor in Chemistry. This will be my fourth full time field season with NRCS besides my two summer internships. I have been assigned to the Crook County Soil Survey, mostly mapping the Ochoco National Forest. This year I expect to be assigned to Wheeler County Soil Survey. Along with mapping, I am the lead for GIS spatial data in the Redmond office. This February I will be attending Soil Correlation as well as a Nasis training in March. My wife Brooke and I have one child, Conagher who is named after a Louis L'Amour character. He will be two years old on February 15. We enjoy just about anything outdoors including horseback riding, hiking, camping, grilling, biking, skiing, fishing, boating, rafting, and I enjoy just about any kind of hunting. I am looking forward to activities with OSSS.