



THE FLORIDA SURVEYOR

December 2019
Volume XXVII, Issue 11

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Chapter
FSMS Shout Out
Did You Ever Wonder Why?

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Cover Photo by: Evgeni Tcherkasski

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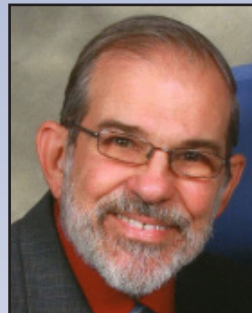
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PRESIDENT'S message

Happy December everyone. Hope everyone had a great Thanksgiving holiday spent with family and friends, relaxing and enjoying good food and company.

As this is my last President's message, I want to reflect a bit on this past year. Being President has meant a great deal to me personally and professionally. Being able to give back to the only profession I've ever known has been a tremendous honor. I hope to continue to serve in whatever way I best can help our Society and profession in the future.

I want to express my thanks to the current FSMS Board of Directors, Committee Chairs, Committee members and Liaisons. Everyone has come together so well. I never have to fear for the work getting done with such wonderful people willing to serve the Society and their profession. Our board meetings have been streamlined to flow well while accomplishing and taking care of the business of the Society. It has been a pleasure to conduct these meetings in such a great working environment. We get the work done while having some laughs along the way.

I am thankful for the opportunities that were provided to travel to many places and meet many people. I made it to many Chapter meetings and apologize if I was unable to make it to yours. I am hopeful I can still get to some I missed during the 2020 year. Traveling to Puerto Rico to meet with surveyors from all over the Caribbean area was a great experience. These are all surveyors we should embrace as valued colleagues in our profession. The opportunity to attend both the Spring and Fall NSPS meetings was also a great experience. Meeting so many Surveyors from across this country was an eye opener, learning we are all facing the same problems with staffing, academics and equipment. These are problems we can work on together, nationally, as well as globally to find resolutions and plan for the future of this great profession.

Legislatively, we've gotten a good start on Chapter 177 revisions but there's still much to be done. I know that President Elect Don Elder will pick up that mantel and carry it through to completion. I am thankful for all those individuals who have worked on this project thus far including but not limited to Gail Oliver, Richard Allen, Matt Kalus and Bill Muscatello. I so appreciate all of the County/City Surveyors who have also provided input into this legislative revision.

I was honored to meet our new Commissioner of Agriculture, Nicki Fried, back in January. I know we will continue to have a good working relationship with the Department of Agriculture and Consumer Services and our Board of Professional Surveyors and Mappers. It has been a pleasure to work with Jenna Harper and know we will establish a good working relationship with her successor. I am looking forward to continuing to attend these quarterly meetings in the years to come.

Lastly, I want to express my sincerest gratitude to our FSMS staff in Tallahassee. Tom, Rebecca, Laura and Cathy have done such a great job for us all year long. Even though we all miss Dominic, Laura has been great and is fitting right in with everyone. This Society would be lost without such a great team handling the day to day operations. Am very grateful for Tom's leadership of this team. His fiduciary responsibility to the Society has been exemplary, being largely responsible for our continued financial success. When you see or speak with any of these folks, please express your gratitude to them.

Have a wonderful Christmas and remember the "reason for the season". God bless you all!



President

Dianne Collins

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FSMS SHOUT OUT



Photo by: Maarten van den Heuvel

*To our 2019 Board
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THANK
YOU
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SERVICE
TO
FSMS



Photo by: Brandon Mowinkel

Hopefully these articles provide some avenue for discussion and insight into what I see in the profession or in government operations. The first surveyor I worked for called me recently and offered some wisdom about prefacing that these views are my own and are by no means the views for the organization at which I work. Randy, thank you for the guidance! So I am prefacing these are my opinions alone, factual experiences I have been a part of or have observed.

To that point, I would like to use this article and maybe one or two more to delve into what being a professional means and what is the difference between a government surveyor and a private surveyor. We are all surveyors, we just have different responsibilities. Some of us have a business that is successful and profitable and others who are entrusted by the public doctrine who enforce regulatory requirements and the rest of surveyors who do everything in between and then some!

Black's Law Dictionary 10th Edition lists a professional as: "Someone who belongs to a learned profession or whose occupation requires a high level of training and proficiency". This definition was adopted in 1846. Those who take this responsibility of being a professional seriously would agree to this definition. We continually are learning and enriching ourselves with knowledge. Land Surveying is not a profession that you learn in the beginning and do nothing to continue educating yourself, if so you are not only failing yourself, but you fail the profession. I find I have a passion to continue to learn and understand methods that other surveyors may use and to make sense if the public can rely on the means and methods that have been applied. The profession is continually morphing and changing with technology but the principles remain the same.

I talk about what it means to be a professional but there is a difference between professions and professionals. There are surveyors who do little to act like professionals, a quick buck is all they are after. I am not sure if the reason is they don't care or if they just don't understand what they are doing. I know many of us can look at a survey and ask ourselves, how did they get their license? When I find these issues I can only think about the public that has been harmed. When you find a survey that was eight years old and just awful, and call the surveyor and he still doesn't apparently understand what is wrong with the survey.

SURVEYORS IN government

By: Richard Allen, PSM, CFM

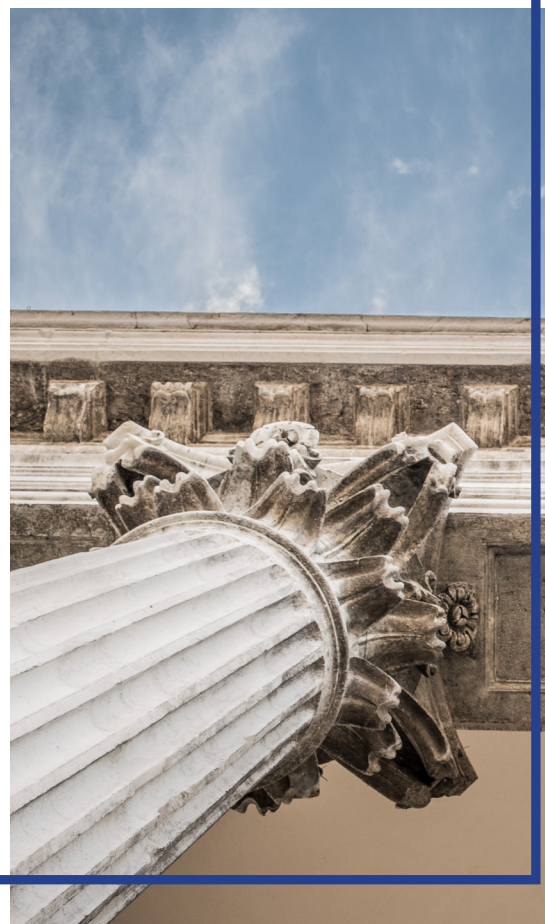


Photo by: Macu Ic

All I can think about is all the surveys that have been done since that survey, how does one go back and fix all those surveys. No one ever goes back and makes sure the surveyor fixes all of the other garbage they had been hocking off as surveys.

This issue is not just a problem for the surveying profession, engineering and other professions experience the same problems, quantity over quality it seems. In local government we may see it more frequently than state agencies because of local permitting requirements. To keep the public protected it will take qualified surveyors on the government side to qualify the work and make sure the surveys they review are compliant. Finding or retaining staff on the government side is getting more difficult as the separation in pay between private and government surveyors is widening. Finding and keeping qualified professionals in government who have extensive knowledge is even more challenging, especially when you can make significantly more on the private side.

Some government staff professionals are more fortunate than others. For example many of the state agencies were not fortunate enough to have raises consistently over the past decade. At the City we only experienced two years of

no increases due to the economic downturn. I remember seeing for years while Rick Scott was Governor that increases or raises were not approved for state employees in most budgets when he was governor. How is one to keep up with the cost of living if the salaries are not keeping up?

This issue is not just one for surveyors but for all professionals. As the number of surveyors start to dwindle, this will be an

ever-increasing problem as qualified employees will be difficult to find, and the agencies, state and local will take several budget cycles to adjust pay scales to a point where they should be. Next month I will continue to delve into this discussion further.

“The profession is continually morphing and changing with technology but the principles remain the same.”

RICHARD ALLEN, PSM, CFM

You can reach me at Richard.Allen@orlando.gov or 407.246.2788.



FROM THE

ARCHIVES



This Poem was found on a scrap of paper in a School Yard and discovered to be written by a 9 year old boy.

WHAT IS A SIRVAYUR

A Sirvayur is something that grubs around in the woods looking for little sticks and stones. When he finds them he does some kind of wierd dance around them with a funny looking 3 leg crutch which he leans on and looks at when he dont find them he walks around all day like he's lost. Sometimes you see them squashed by cars along roads, expeshelly in the summer when all the other bugs are out. A sirvayur has one big eye and one little eye like popeye. He usually walks around bent over all the time which is why he looks so stooped. His face looks like old lether.

He cusses terriful. He can't read because he measures between things and then puts down a number in a little book He always making marks on sidewalks and rodes So he can find his way home. His pants is always tore from rock salt and his shoes look like they are made of mud. People stare at him, dogs chase him, and he always looks wore out. I dont know why anyone wants to be a Sirvayur.

Submitted for use by Mr. Bob O'Brien from Ft. Myers, Florida and where he found it is anybody's guess!!

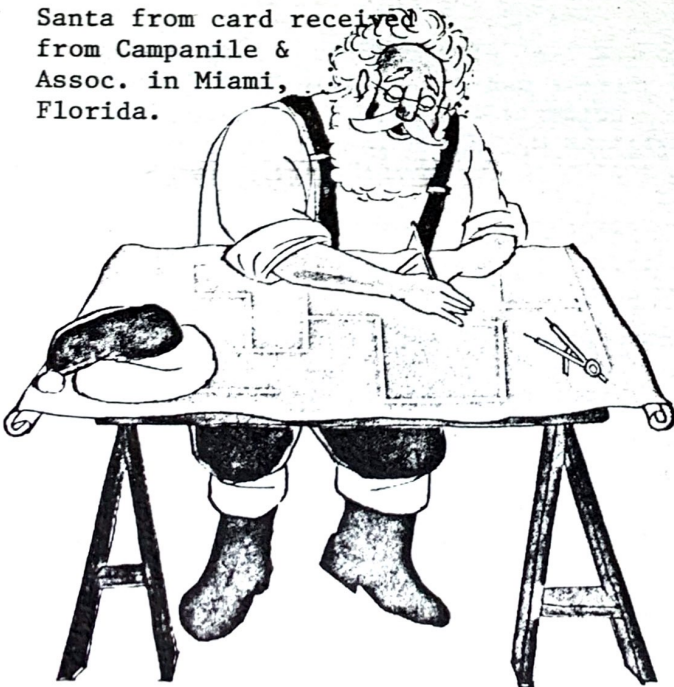
This about concludes our Newsletter for this month and with the hopes that it will reach you before Christmas, we wish you the very warmest and happiest of Holidays. We also wish everyone a prosperous and Happy New Year. Also as we approach the Bicentennial of this great Nation, we would hope that you will not let George and Abe rest in peace and let everyone know that these two great forces in our history were "Sirvayurs".

FSPLS NEWSLETTER

% Executive Administrator

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MORE ROBUST.

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BETTER RETURNS
THAN ANY OTHER
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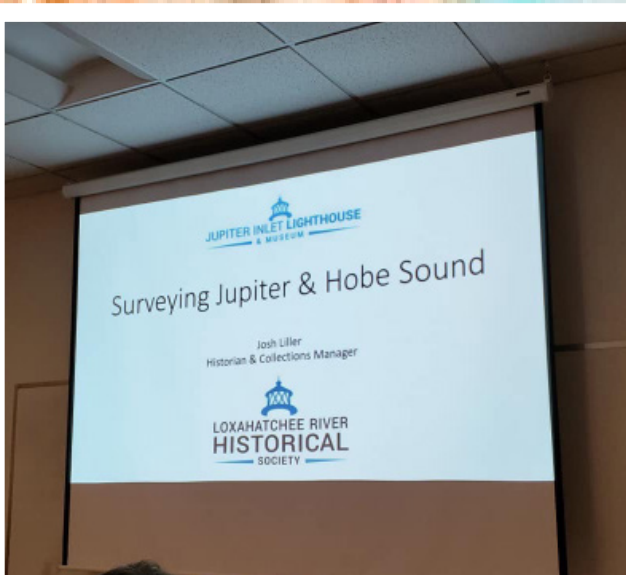
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Around the State





This month the Indian River Chapter had a joint meeting with the Palm Beach Chapter and the FAU Students Chapter with President Dianne Collins in attendance. We had guest speaker Josh Liller, Loxahatchee River Historical Society Historian give a one hour historical presentation on Surveying in Jupiter and Hobe Sound. We had over 30 people in attendance including several FAU Students and Faculty members. The Palm Beach Chapter awarded a \$1,250 scholarship to FAU Student Stephen Castillo and \$500 to FAU Student Joel Rodriguez. The Indian River Chapter also awarded a \$2,000 scholarship to Stephen Castillo. This was a very successful event that we plan to hold again next year.

Photos & text submitted by: Tom Walker

James H. Coe

March 23rd 1879

Scale, 40 poles to the inch

Shawnee County, May 2nd 1879
 At the request of James H. Coe I have surveyed a lot of land which is bounded as follows:
 Beginning at a stake A, in James' Road and in a line of the land Thomas H. Coe surveyed to C. W. Sydnor; thence crossing the entire tract N 55 1/2° E 70 poles and to a stake (B); in the Cotton Grove Road and in a line of Joseph G. Wilkins' land; thence with his land S 72 1/2° E 1 pole and 15 links to a stake (C); thence S 35 1/2° E 33 poles to a stake (D); where a white oak stood on the bank of Indian Run and in a line of John Glover; thence N 51 1/2° E 28 poles to a stake (E); thence S 39 1/2° E 25 poles (passing Joseph H. Coe's corner and running with his line part of the way) to a stake (F); corner to C. W. Sydnor and William Fisher, in James' Road; thence with said Sydnor's line along said Road N 15 1/2° E 18 poles and 11 links to a stake (G); thence N 53 1/2° E 56 poles and 15 links to the beginning containing 75 acres and 21 square poles more or less.

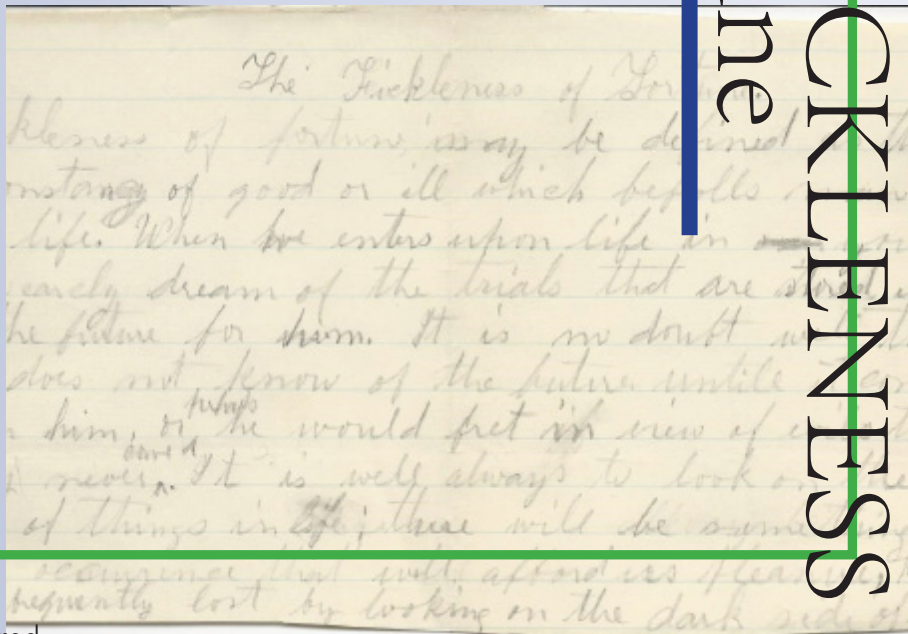
THE FICKLENESS of fortune

As some of you may know, I am collector of colonial surveys, maps and deeds. Recently, I had a chance to examine a cache of documents once belonging to a surveyor named William Tisinger. I learned that Mr. Tisinger served as the Shenandoah County Surveyor for some time as mentioned in the History of Shenandoah County. He was also listed as a surveyor in Mt. Jackson in the Shenandoah Herald in several runs during 1878.

In the midst of computations, correspondence and survey plats written on the best paper of the day; I found small scraps of paper with notes written on them. One of those scraps contained the following entitled "The Fickleness of Fortune" and read as follows:

Fickleness of fortune may be defined as the inconstancy of good or ill which befalls men in this life. When he enters upon life in youth, he scarcely dream[s] of the trials that are stored up in the future for him or perhaps he would fret in view of the coils that never come. It is well always to look at the sunny side of things in life; these will be something in every occurrence that will afford us pleasure, that is frequently lost by looking on the dark side of things.

While I have come into the possession of the personal journals of a few surveyors from the early to mid-1800's, none share the degree of reflection shared by this surveyor. As we live our lives today in the midst of electronic overload, it is nice to look back and reflect on a much simpler way of life.



Photos & Text by: Bob Heggan, Jr., PSM, PLS

"As we live our lives today in the midst of electronic overload, it is nice to look back and reflect on a much simpler way of life."

BOB HEGGAN, JR., PSM, PLS

DID
YOU
EVER
WONDER
WHY
??

By: Michael Whitling, PSM

;;

WHY
WONDER
EVER
DON
DID

Why do we call them a “dozen” eggs?

The word “dozen” comes from old French word *dozaine* (twelve). This French word is a derivation from the cardinal number *doze* (“twelve”, from Latin *duodēcim*). Some lesser known words with a similar meaning; *quinzaine* (a group of fifteen), *vingtaine* (a group of twenty), *centaine* (a group of one hundred). The word “dozen” may bring to mind a “baker’s dozen”, also known as the devil’s dozen and long dozen, which measure 13, one more than standard “dozen” value. In olden days bakers used to make one extra item for an intended “dozen” as an insurance against any item turning out to be faulty which could cause the baker to be fined. For instance, in Egypt if a baker was found to cheat someone they would have their ear nailed to the door of their shop. Such strict laws made them take extra precaution in every possible manner.

Why would a cowboy say he had a “rootin tootin” good time?

Imagine a bunch of cowboys riding into town in a noisy and rambunctious manner, shooting their guns in the air. The town folks might not think so but they would be having a “rootin tootin” good time. “Rootin” (“rooting”) comes from its sense of “nosing, grubbing or poking around” for some form of reward, like a pig looking for food with its snout and can be dated back to the 1500’s. Note: The American English use of “rootin”/rooting, meaning to express support for a team or competitor, comes from the same verbal root but doesn’t appear in print until 1889. The “tootin” (short for “tooting”) is a form of “to toot,” which, since the 16th century, has meant “to sound or blow a horn or similar instrument or to call or proclaim loudly.” Which also brings us to “Darn tootin” which has been used in the US at least since the 1930s (and probably much earlier) as an “emphatic affirmative,” a way to strongly agree with what has been said (much like “you’re darn right”). In the end, “rootin tootin” is a slang adjective meant to emphasize a positive experience. I don’t think, (as I read on the internet) that it is related to eating baked beans at a campfire.

Why when you are very tired are you said to be “bushed?”

“Bush” the shrub comes from either the Old English word “busc” or the Old Norse “buskr.” The “bush” related to being “bushed” comes from the Dutch word for forest, “bos/bosch”. When the Dutch settlers came to New Zealand, it was undeveloped and heavily forested and was proclaimed as “the bush.” Clearing away the forests was hard work and they often proclaimed after carving out a trail that they were “bushed” (exhausted). Today the word means to be exhausted from anything and not just physical outdoor labor.

Why when a friend betrays us is it said to be a “double-cross?”

The root of “double-cross” is, of course, the word “cross,” which first appeared in Old English, borrowed from the Irish “cross,” which was derived from the Latin “crux.” The appearance of “cross” in Old English was closely tied to the spread of Christianity in Europe, so it’s not surprising that its initial sense in Old English was “the instrument of crucifixion on which Jesus Christ was put to death.” Over the next few centuries, “cross” acquired a wide variety of other meanings as a verb, adjective, adverb and noun, including the “x” made in lieu of a signature by someone unable to read or write. One of the meanings “cross” developed as a verb, in the early 19th century, was “to cheat, to act dishonestly towards or to betray”. This slang use was popularized in the lower reaches of society at that time, and often employed to describe a criminal deal “gone bad” by the betrayal of one partner by the other. A more dangerous type of betrayal in this world was the “double-cross,” first appearing in print in 1834, in which the villain pretends to be in cahoots with not one but two other parties, each of whom is trying to cheat the other. This “man in the middle” pretends to take the side of each party in the scam until the final moment, when both crooks come up empty and the “double-crosser” walks (or runs rapidly) away with the prize.

Quick Facts:

It’s not just called the “division sign.” According to Merriam-Webster, it’s technically an obelus. Way back in the day, centuries ago, the obelus was used as an editing tool to mark factually questionable passages in manuscripts.

Rather than simply referring to this chart as the “eye chart,” call it by its real name. The Snellen Chart is named after the Dutch ophthalmologist Herman Snellen, who designed it in 1862. However, in recent decades, many ophthalmologists having been using another chart, the LogMAR chart, to determine more accurate vision estimates.

In case you were curious, that bit of fleshy skin around a turkey’s neck is called snood. The longer the snood on a male turkey, the more likely he is to find a mate.



Photo by: David Travis

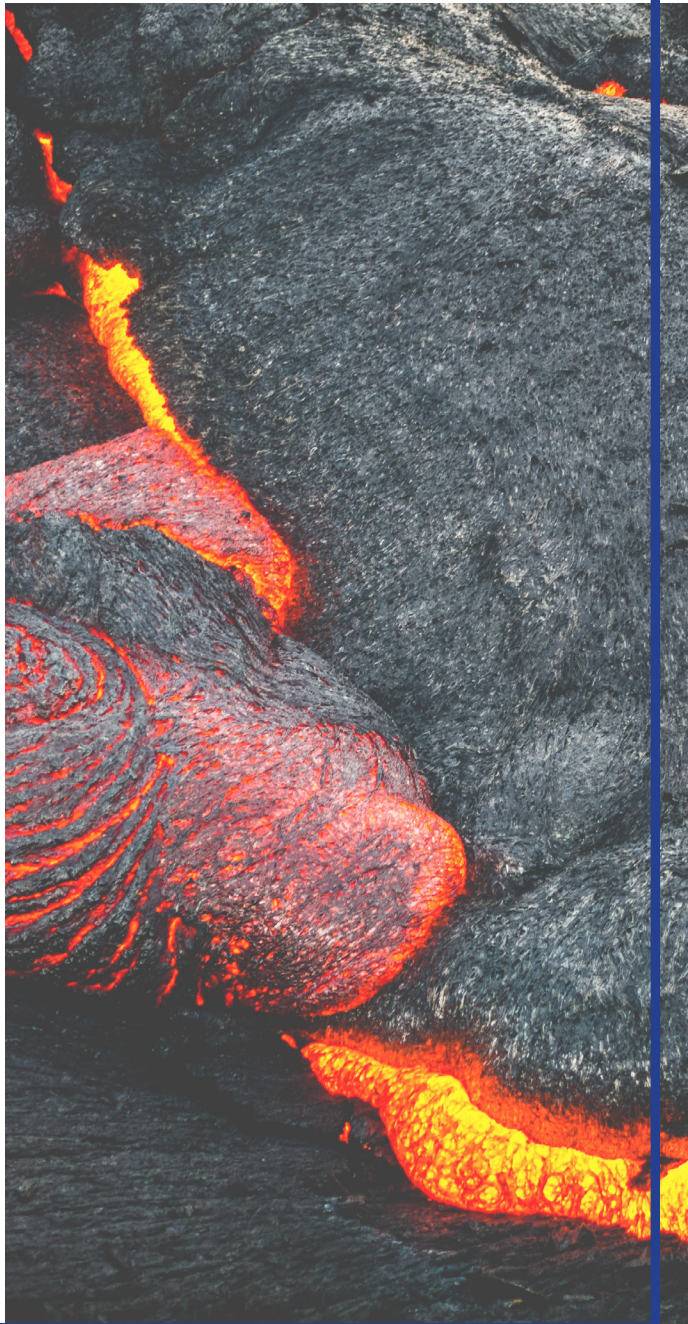


Photo by: Ben Klea

When you think about the fact that they're responsible for providing us nourishment in the womb, belly buttons are pretty incredible. But not everyone is amazed by the tiny dots in the middle of our bodies. In fact, some people are downright freaked out by them. And if that's you, you now know the official term for it: omphalophobia.

In the heart of Colorado, about 50 miles west of Denver, lies the Dotsero volcano, a 2,300-foot long beast that once produced a lava flow that stretched for two miles. It is indeed active... depending on how you define the term. In the technical, geological sense, any volcano that has erupted in the past 10,000 years is considered active, and Dotsero last spewed lava about 4,200 years ago. However, minus a catastrophe the size of an asteroid strike, it's in no real danger of erupting today.

Archaeological surveys show that cheese was being made from the milk of cows and goats in Mesopotamia before 6000 B.C. The Pilgrims included cheese in their supplies on board the Mayflower in 1620.

Bluefin tuna populations have dropped more than 96 percent, primarily due to increasing sushi demands. Most of the bluefin tuna fishing occurs off the coast of Japan, which has very few limits on tuna fishing. The most expensive price ever for a sushi-grade bluefin tuna was \$1.8 million for a 222-kilogram fish in Japan. Over 80 percent of the world's declining tuna stock are eaten by the Japanese.

More than 50 percent of the people who are bitten by venomous snakes in the United States and who go untreated still survive.

When the Citizens Bank of Tenino, Washington, closed on December 5, 1931, the town was without ready cash to do business, so denominations of 25 cents, 50 cents and \$1 were printed on three-ply Sitka spruce wood, the first wooden money issued as legal tender in the United States.

The current recommended vaccine schedule for children includes 14 different vaccines spread out over childhood (and longer, in some cases). A single scientist named Maurice Ralph Hilleman is responsible for an astonishing 8 of those 14 vaccines: measles, mumps, hepatitis A and B, chickenpox, meningitis, pneumonia, and a strain of bacteria called Haemophilus influenzae. He also discovered that chlamydia was caused by a bacterium, not a virus. You've probably never heard his name, but he's likely saved the lives of more children than any other single person in history.

Send your thoughts to drmjw@aol.com



Photo by: Hyttalo Souza



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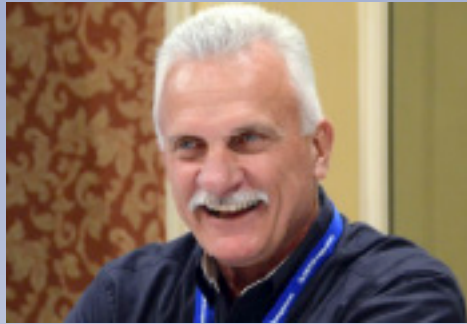
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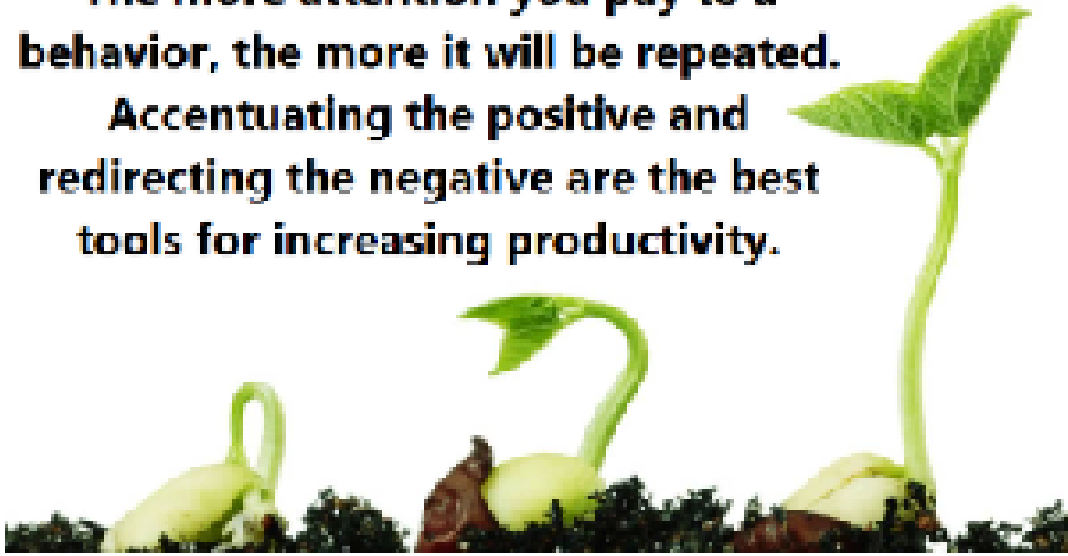
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**What we give our attention to, grows.
The more attention you pay to a
behavior, the more it will be repeated.
Accentuating the positive and
redirecting the negative are the best
tools for increasing productivity.**



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What we give our attention to, grows.

The more attention you pay to a behavior, the more it will be repeated.

Accentuating the positive and redirecting the negative are the best tools for increasing productivity.

Killer-whale trainers know that when you don't pay a lot of attention to what the animals do wrong but instead give a lot of attention to what they do right, they do the right thing more often. When trainers start working with a new whale, the whale knows nothing about jumping over ropes. The trainers begin with the rope underneath the water, high enough from the bottom for the whale to swim under. If the whale swims under the rope, the trainers don't pay attention, but every time he swims over the rope, they feed him.

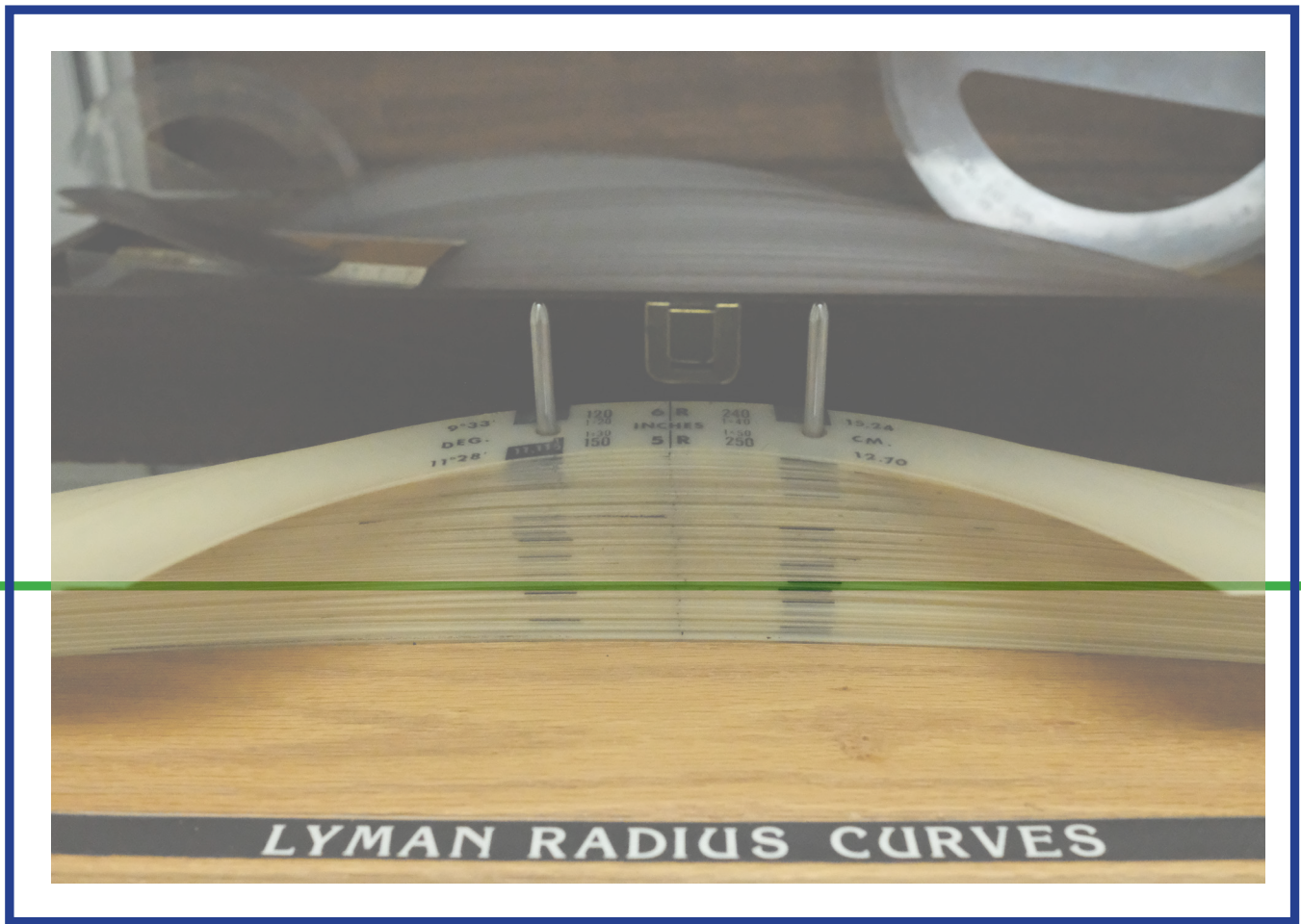
Focusing on the negative often creates situations that demoralize people. When good performance is followed by a positive response, people naturally want to continue that behavior.

The Florida Surveyor is the official publication of the Florida Surveying and Mapping Society, Inc. (FSMS). It is published monthly for the purpose of communicating with the professional surveying community and related professions who are members of FSMS. Our award winning publication informs members eleven months of the year of national, state, and district events and accomplishments as well as articles relevant to the surveying profession. The latest educational offerings are also included.

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Boatwright and Durden Land Surveyors, Inc.	904-241-8550
Bock & Clark Corporation	330-665-4821
Boundary & Mapping Associates, Inc.	407-696-1155

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Brown & Phillips, Inc.	561-615-3988
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Bussen-Mayer Engineering Group, Inc.	321-453-0010
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Compass Engineering & Surveying, Inc.	727-822-4151
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Elevation Certificates and the Community Rating System Course #8256 (3 General CEC)

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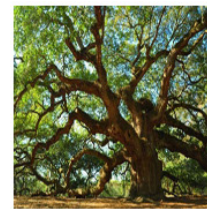
Georgia Technical Standards for Property Surveys Course #8554 (6 General CEC)

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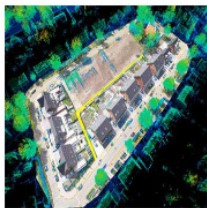
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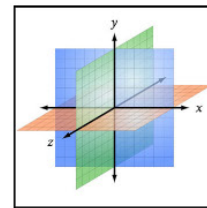
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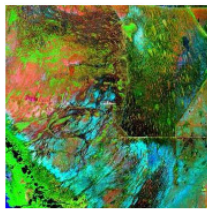
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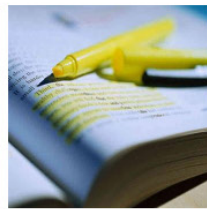
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- Contracts for the Professional, #8411, 3 CEC**
- Digital Signatures for Surveyors, #8491, 3 CEC**
- Elevation Certificates and the Community Rating System, #8257, 3 CEC**
- Introduction to Photogrammetry, #7887, 3 CEC**
- Quality Assurance/Quality Control for the Design Professional and Technical Staff, #9293, 3 CEC**
- Writing Boundary Descriptions, #8361, 3 CEC**

6 Hour Courses Available

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- Chapter 177, Platting (Plat Law), #6970, 6 CEC**
- Client Satisfaction Excellence for Surveying and Mapping Professionals, #7229, 6 CEC**
- Critical Communication for Surveying & Mapping Professionals, #7228, 6 CEC**
- Ethics for the Design Professional, #8620, 6 CEC**
- Florida Laws, #6966, 6 CEC**
- Florida Surveying Law and Rule Changes, #9573, 6 CEC**
- Georgia Technical Standards for Property Surveys, #8553, 6 CEC**
- Geographic Information Systems (GIS), #7107, 6 CEC**
- History of Surveying, #7108, 6 CEC**
- Identification of Native and Non-Native Trees in Florida, #7874, 6 CEC**
- Land Tenure and Cadastral Systems, #7829, 6 CEC**
- Map Projections and Plane Coordinate Systems, #7669, 6 CEC**
- Mean High Water Observations and Computations, #8220, 6 CEC**
- Practical Geometry for Surveyors, #7109, 6 CEC**
- Public Land Survey System, #6979, 6 CEC**
- Remote Sensing Applications to Surveying & Mapping, #6972, 6 CEC**
- Stress Management for Surveyors & Mappers: How to be Productive Under Pressure, #6902, 6 CEC, ONLY AVAILABLE BY MAIL**
- Time Management for Surveyors & Mappers: How to be Productive & Exercise Time Mastery in a Hectic World, #6901, 6 CEC, ONLY AVAILABLE BY MAIL**

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<i>EMAILED</i>	Fee	Quantity	Amount
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3 CEC	\$58 Per Course	x _____ =	\$ _____
<i>MAILED</i>			
6 CEC	\$125 Per Course	x _____ =	\$ _____
3 CEC	\$68 Per Course	x _____ =	\$ _____
TOTAL		_____ =	\$ _____

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3 CEC	\$78 Per Course	x _____ =	\$ _____
<i>MAILED</i>			
6 CEC	\$145 Per Course	x _____ =	\$ _____
3 CEC	\$88 Per Course	x _____ =	\$ _____
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Non-Licensed in ANY State

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6 CEC	\$100 Per Course	x _____ =	\$ _____
3 CEC	\$60 Per Course	x _____ =	\$ _____
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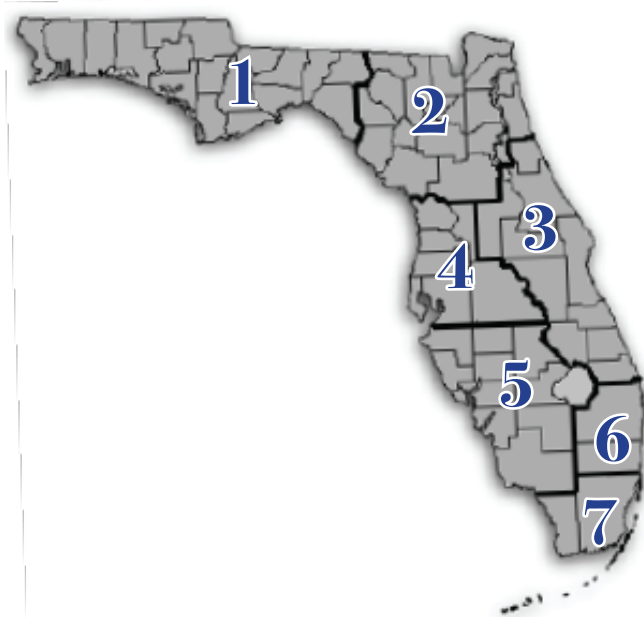
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Lou Campanile
(954) 980-8888
lou@campanile.net

NSPS Director

Ronnie Figueroa
(407) 292-8580
rfigueroa@southeasternsurveying.com

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R.H. Jones

1960

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Maurice E. Berry II
William C. Hart
Frank R. Schilling, Jr.

1970

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Broward P. Davis
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E.W. (Gene) Stoner
Lewis H. Kent
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William G. Wallace, Jr.
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1980

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Robert A. Bannerman
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1990

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Loren E. Mercer
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W. Lanier Mathews, II
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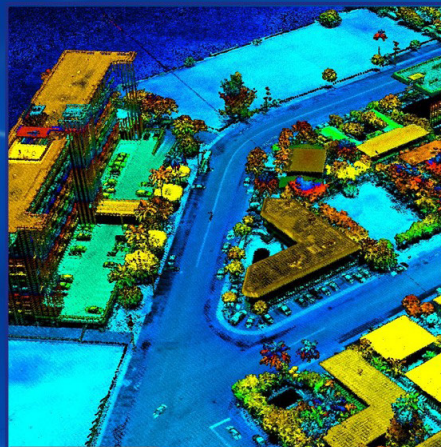
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