



2019 SCSPLS Convention and Technical Conference

SCSPLS Meeting: Wednesday, Feb. 27, 2019

Conference: Thursday, Feb. 28 – Friday, Mar. 1, 2019

DoubleTree by Hilton

Bush River Road, Columbia, SC

Wednesday, Feb. 27, 2019

2:00 PM – 5:00 PM

Registration

2:30 PM – 6:00 PM

Exhibitor Set UP

3:30 – 4:45 PM

SCSPLS General Membership Meeting

5:00 PM – 6:30 PM

Past Presidents Reception and Meeting

Thursday, Feb. 28, 2019

7:00 AM – 5:00 PM

Registration

7:30 AM

Biscuits and Coffee with Vendors

Exhibit Hall

8:00 – 11:50 AM

Morning Track

Concurrent Presentations

Thursday	Track 1	Track 2	Track 3	Track 4
8:00 - 8:50	Contracts - The Standardized Contract for Land Surveying Surveyors	Prescriptive Easements Like You've Never Seen Them	Engineering Your Contract - Construction Services 1 PDH	Financial Planning Your Retirement 1 PDH
9:00 - 9:50	4 PDH	4 PDH	Ethics 2 PDH	Surveying Today: Combining Multiple Technologies for Project Success
10:00 - 10:50				2 PDH
11:00 - 11:50			NGS updates on SPC2022 and Geoid18 1 PDH	Duncan Parnell 1 PDH
LUNCH	Emerging Technologies on SCDOT 1PDH	Emerging Technologies on SCDOT 1PDH	Emerging Technologies on SCDOT 1PDH	Emerging Technologies on SCDOT 1PDH

Track 1:

8:00 AM - 11:50 AM

Contracts – The Standardized Contract for Land Surveying Services

Jeffrey N. Lucas

Lucas & Company, LLC

4 PDH

Surveyors often tell me that either they cannot make any money performing boundary surveying or they don't have enough money to do the job right. The reality is that both of these issues are easily solved with a written contract. Surveyors need standardized contracts for performing boundary surveying services that described what will be done for the client (and not), provide an estimate for services, a contingency clause for unforeseen circumstances, that addresses guarantees and warranties, a termination clause and contract remedies. Basic project budgeting and contract law for professional services will be examined. A Standardized Contract for Land Surveying Services will be developed.

Track 2:

8:00 AM - 11:50 AM

Prescriptive Easements Like You've Never Seen Them

Kristopher Kline, PLS

2Point

4 PDH

While the basic concepts behind prescriptive easements are widely recognized, many developments in this area of the law are fairly recent. The course begins with the development of the Lost Grant Theory and its relationship to prescriptive rights in the United States. The various elements required for the creation of a prescriptive easement are discussed in detail. Tacking and claims by (and against) the state are considered,

along with the scope & location of the resulting easement. This class also goes into court rulings for prescriptive easements associated with: Parking Areas; Subterranean and Visible Utility Easements; Light and Air; Trees and Shrubbery.

Track 3:

8:00 – 8:50 AM

Engineering your Contract - Construction Services

Karen McCabe

IMCI

Tracy James and Allen West

Hamilton, Stephens, Steel and Martin

1 PDH

9:00 – 10:50 AM

Ethics

Dr. Dennis Fallon, PhD, PE

The Citadel – Retired, SC State Board of Registration for Professional Engineers and Surveyors

2 PDH

11:00 – 11:50 AM

NGS updates on SPC2022 and Geoid18

Scott Lokken

National Geodetic Survey, NOAA

1 PDH

Track 4:

8:00 – 8:50 AM

Financial Planning for Land Surveyors

Chad Dowdy

Northwestern Mutual

1 PDH

9:00 – 10:50 AM

Surveying Today: Combining Multiple Technologies for Project Success

Jamey Gray, PLS and David Bowers, PLS

Stewart Engineering, Inc.

2 PDH

Today's professional land surveyors are armed with a growing list of tools to perform their work. With Clients requesting more data to support design, assessment and documentation, the successful use of varied technologies is essential. Stewart has completed numerous projects using a combination of methodologies to include traditional land surveying, terrestrial laser scanning, unmanned aerial systems and other remote sensing devices. Capturing, analyzing and delivering accurate information using multiple sources requires a detailed team approach. This session will examine best practices for these types of projects to include; project set-up, control, point cloud registration, classifications, merging data sets, validation, accuracy assessments, deliverables and lessons learned.

11:00 – 11:50 AM

Mark White, PLS

Duncan Parnell

1 PDH

Keynote Address

12:00 – 1:30 PM

Lunch/Awards/Keynote Address

Emerging Technologies in SCDOT

Bert Shumpert, PLS

SCDOT

1 PDH

1:30 – 1:55 PM

Visit with Vendors

2:00 – 4:50 PM

Afternoon Track

Concurrent Presentations

Thursday	Track 1	Track 2	Track 3	Track 4
2:00 - 2:50	Liability of Land Surveyors and Engineers 3 PDH	Three More Ways to Find Trouble 3 PDH	South Carolina 811 Updates 1PDH	HDS Laser Scanning - Workflows to Deliverables 1PDH
3:00 - 3:50			Beachfront Management Reform Act 1PDH	High Accuracy Mapping from Multiple Data Platforms: A Case Study of I-526 in Charleston, SC 1PDH
4:00 - 4:50			Professional Negligence in the Design/Construction Field 1PDH	Emerging Technologies 1 PDH

Track 1:

2:00 AM - 4:50 PM

Liability of Land Surveyors and Engineers

Jeffrey N. Lucas

Lucas & Company, LLC

3 PDH

In a 1961 article entitled, *The Professional Status of Land Surveyors*, Curtis Brown wrote: “Courts, in response to liability litigation, have taken a positive stand on the status of all land surveyors. In the eyes of the law the land surveyor is treated with professional respect; he has all the liability accorded a professional man. While from the viewpoint of the pocketbook, this *privilege of liability* does have disadvantages, it is proof, in a backhanded way, that the land surveyor is above the technical level.” Along with the “privilege of liability” comes the responsibility to understand that liability. This program discusses the liability the land surveyor (and engineer) face as professional service providers and ways of limiting that liability, if not avoiding it altogether.

Track 2:

2:00 AM - 4:50 PM

Three More Ways to Find Trouble

Kristopher Kline, PLS

2Point

3 PDH

This half-day course considers two unusual methods to transfer title; the Common Scheme Doctrine and the concept of Part Performance of an Oral Contract. Additional discussion includes effects of tax maps on property titles.

Track 3:

2:00 – 2:50 PM

South Carolina 811 Updates

Misty Wise

SC811

1 PDH

The presentation will provide updates on SC811 tools and offerings for excavators and members with details on new types of memberships for surveyors and engineering firms. As well as, new information on enforcement activity in SC, and analytics on compliance and performance from around the state.

3:00 – 3:50 PM

Beachfront Management Reform Act

Matt Slagel

SCDHEC

1 PDH

4:00 – 4:50 PM

Professional Negligence in the Design/Construction Field

Ross Shealy

Haynesworth, Sinkler & Boyd

1 PDH

Track 4:

2:00 – 2:50 PM

HDS: Laser Scanning - Workflows to Deliverables

Matt Brown, Reality Capture Rep, SE.

Leica Geosystems

1 PDH

3:00 – 3:50 PM

High Accuracy Mapping from Multiple Data Platforms: A Case Study of I-526 in Charleston, SC

Scott Wilson

GPI

1 PDH

This case study will explore the benefits and challenges of using multiple data source for surveying a limited access urban roadway with heavy traffic and elevated sections. On many occasions, a single platform cannot meet all of a project's needs. Utilizing multiple acquisition platforms and technologies to secure data for a single project has proven

to be a safe, cost effective and schedule friendly alternative for our transportation clients and is becoming more common.

4:00 – 4:50 PM

Emerging Technologies

Troy Deaton

Geo-Tronics

1 PDH

5:00 – 6:00 PM

Trade Show Reception

Dinner on your own

Friday, Mar. 1, 2019

7:00 AM – 5:00 PM

Registration

7:30 AM

Biscuits and Coffee with Vendors

Exhibit Hall

8:00 – 11:50 AM

Morning Track

Concurrent Presentations

Friday	Track 1	Track 2	Track 3
8:00 - 8:50	Expert Witness	Unlikely Easements and Servitudes: Created, Modified, Extinguished	E & O Insurance 1 PDH
9:00 - 9:50	4 PDH	All Day	Accounting Basics and 2017 Tax Bill Changes 1PDH
10:00 - 10:50		7 PDH	Listening to What is Not Said - The Art of HR 1PDH
11:00 - 11:50			Taking The Mystery Out Of The EC 1PDH

Track 1:

8:00 AM - 11:50 AM

Expert Witness Testimony for Surveyors and Engineers

Jeffrey N. Lucas

Lucas & Company, LLC

4 PDH

The role of the engineer or surveyor as expert witness will be studied and explored. The basis of this study will be the Federal Rules of Evidence and the Federal Rules of Civil Procedures. Currently, 42 (or more) of the 50 states have adopted these rules as their own thereby rendering the Federal Rules highly relevant in any discussion of expert witness testimony. This seminar will go through the basics of a civil lawsuit from initial complaint, the discovery process and the trial. The role of the expert as a witness and the testimony that the expert can give under the rules will be explored. Ten fundamental questions that every expert witness must know before testifying will be asked and answered. At least four pivotal court cases on the issue of expert witness testimony will be studied and discussed.

Track 2:

8:00 AM - 4:05 PM ***This is an ALL DAY SESSION***

Unlikely Easements and Servitudes: Created, Modified, Extinguished

Kristopher Kline, PLS

2Point

7 PDH

This course focuses on incorporeal rights and servitudes that are created or modified by actions, implication or operation of law rather than by express language in the record documents. Part I of the class considers “non-standard” methods that can create incorporeal rights, including: Implication, Estoppel, Common Scheme Doctrine, Custom, Prescription and Part Performance. Part II covers mechanisms that can modify or extinguish a servitude, including: Estoppel, Cessation of Purpose, Frustration of Purpose, Adverse Possession/Castle Associates Rule, and Part Performance.

Track 3:

8:00 – 8:50 AM

E & O Insurance

Karen McCabe

IMCI

1 PDH

9:00 – 9:50 AM

Accounting and 2017 Tax Bill Changes

Julie R. Boyd, CPA and Daniel L. Crowson CPA

Burkett, Burkett & Burkett

1 PDH

10:00 – 10:50 AM

Listening to What is Not Said - The Art of HR

Faith Curtiss, SPHR/SHRM-SCP

First Citizens Bank

1 PDH

11:00 – 11:50 AM

Taking The Mystery Out Of The EC

Zach Faulkner

SmartVent

1 PDH

This FEMA and National Flood Insurance Program (NFIP) class will provide up to date information on the outcome of the September 2017 NFIP reauthorization and the proposed bills to extend and modify the insurance program. We will review how these changes will affect your Elevation Certificate services you provide and what information you need to

know to educate your clients. Private Flood Insurance is a growing market segment and we will review the differences these policies have as compared to the NFIP program. We will provide an in depth look into how the Elevation Certificate is utilized by the insurance industry to rate a properties flood risk for NFIP Flood Insurance, in addition we will explain how a local municipality uses the form to enforce their Floodplain Management Ordinance. At the end of this upbeat class participants will be better equipped to complete the Elevation Certificate correctly and more accurately.

1 PDH

12:00 – 1:10 PM

Lunch and visit Vendors
(no speaker/no PDH)

Friday	Track 1	Track 2	Track 3
1:15 - 2:05	Boundary Dispute Resolution 3 PDH	Unlikely Easements and Servitudes: Created, Modified, Extinguished	Building Solid Communication Skills
2:15 - 3:05		Continued	3 PDH
3:15 - 4:05		All Day Class	

1:15 – 4:05 PM

Afternoon Track
Concurrent Presentations

Track 1:

1:15 PM - 4:05 PM

Boundary Dispute Resolution

Jeffrey N. Lucas

Lucas & Company, LLC

3 PDH

In 1986 Williams & Onsurd wrote a treatise for the Real Property and Trust Law Section of the American Bar Association entitled, *What Every Lawyer Should Know about Title Surveys*. “The surveyor, having made an evaluation of the evidence, forms an opinion as to where he believes the lines would be located if fully adjudicated in a court of law. The typical modern-day surveyor sees himself as an expert evaluator of evidence. He strives to arrive at the same opinion of boundary location regardless of whether he was hired by his client or his client’s next-door neighbor.” This is actually a very good description of the land surveyor’s role in society. When the surveyor successfully carries out this function, boundary disputes are rare. This program is about avoiding disputes before they happen. Ample case studies will be examined to focus on dispute resolution alternative.

Track 2:

SEE ABOVE – ALL DAY CLASS

8:00 AM - 4:05 PM ***This is an ALL DAY SESSION***

Unlikely Easements and Servitudes: Created, Modified, Extinguished

Kristopher Kline, PLS

2Point

7 PDH

This course focuses on incorporeal rights and servitudes that are created or modified by actions, implication or operation of law rather than by express language in the record documents. Part I of the class considers “non-standard” methods that can create incorporeal rights, including: Implication, Estoppel, Common Scheme Doctrine, Custom, Prescription and Part Performance. Part II covers mechanisms that can modify or extinguish a servitude, including: Estoppel, Cessation of Purpose, Frustration of Purpose, Adverse Possession/Castle Associates Rule, and Part Performance.

Track 3:

Building Solid Communication Skills

Jeanne d’Orleans

Aligned Learning

3 PDH

The (Un)Spoken Word...Building Solid Communication Skills: Do you know what communicates the most *immediately* and has the *greatest* impact on the listener? Whether your focus is on sales, management of a diverse team or simply improved relationship with co-workers, this session can provide you with the right insight and tools. Reduce work conflict, have fewer mistakes, speed up solutions...all due to mis-communication and poor listening.

Working with Difficult People: What makes a person difficult to work with? It could be them, it could be you, it could be work situations. Let’s analyze all the possibilities and provide you with solutions to smoothing out the relationships. Your next “difficult person” may be your best customer or your star employee.

THANK YOU FOR ATTENDING THE 2019 SCSPS CONVENTION AND TECHNICAL CONFERENCE.