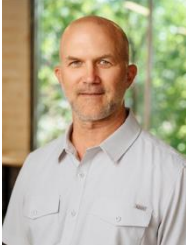


Conference Seminars

Wednesday - July 30

8:00 am - 3:00 pm

How to Prepare for an Original Boundary Survey (6 CEC – #11009) Instructor: Wm. Davey Edwards, PhD, PLS LSLs CFedS



When reconstructing an original land grant, it is essential for a surveyor to follow in the footsteps of the original surveyor. Fortunately, records of their work are accessible in public archives, making it possible to understand how they laid out these boundaries. Original boundaries are the foundation for future subdivisions, making it imperative for today's surveyors to perform thorough research and translate it into a form that can be easily used both in the field and in the office. This course serves as a comprehensive guide to preparing a working sketch for reconstructing an original land grant. It covers proven techniques and methods to identify potential issues before fieldwork begins, ensuring accuracy and efficiency in the surveying process. ***This course is an interactive course which will require the attendee to bring the following materials: Scale, Allen Scale (optional), Pencil (color optional), Calculator***

Dr. Davey Edwards, PLS LSLs CFedS is a licensed professional surveyor in Texas and Oklahoma, a Texas licensed state land surveyor, and a US certified Federal land surveyor. He has his master's degree in Geospatial surveying Engineering and Doctorate in geosciences. His expertise is in original land grant reconstruction and riparian boundaries. He is the current past president of the National Society of Professional Surveyors, past president of the Texas Society of Professional Surveyors, past member of the Texas Board of Professional Land Surveyors, and current emeritus member of the Texas Board of Professional Engineers and Land Surveyors. He serves as the US delegate for Commission 2 (Professional Education) for the International Federation of Surveyors and various committees in the National Council of Examiners for Engineers and Surveyors. He is the past director of the Texas Spatial Reference Center. He currently works for Dunaway in Fort Worth, Texas, and is an adjunct professor in the Geomatics program at New Mexico State University.

Choose
one 6-hour
seminar for
Wednesday

Expert Testimony: Neutral, Defensive, or Persuasive (6 CEC – #11011) Instructor: Kevin S. Norris, Esq.

This interactive presentation incorporates the attendees' experiences through direct questions and what-if scenarios. Expert testimony can take on many forms. A surveyor may be asked to 1) defend his/her work because of a competing survey; 2) support a plaintiff or a defendant in a new action; 3) provide general knowledge as a supplemental expert; or 4) just about anything else in a court case related to the art and science of surveying. This presentation will help prepare you for future designations as an expert witness by guiding you through the surveyor's role in the pleading and discovery phase of litigation as well as testimony in court. Lastly, you will learn the significance of being a neutral, defensive, or persuasive witness.



Kevin S. Norris, Esq. has thirty-seven years of experience in land surveying, minor engineering, and land development. He is a licensed professional land surveyor in the state of Maryland, having received his license in 2002. His experience ranges from everyday survey-oriented tasks to managing every aspect of a surveying company. His expertise centers on boundary retracement; control surveys; resolution of title issues, statutory and zoning applications; general land planning; and land development. Mr. Norris is a licensed attorney barred in Maryland, Texas, the United States District Court District of Maryland, and the United States District Court Eastern District of Texas. He has represented clients in Maryland before the District Court, the Circuit Court, the Appellate Court of Maryland, and the Orphan's Court. His areas of practice are land disputes, land development, the resolution of title matters, zoning issues, estate planning, and estate administration. Mr. Norris has been named as an expert witness in land surveying and in areas related to title for numerous cases in Maryland including the Federal District Court for the District of Maryland. He has testified many times regarding boundary issues and has litigated land-related cases. Mr. Norris is a frequent presenter at the Maryland Society of Surveyor's Conference, has been a presenter at the Maryland State Bar Association Conference, and has spoken at many local surveying and bar events. Mr. Norris is currently the President-Elect of the Maryland Society of Surveyors.

SIT Prep
8:00 am -
4:00 pm

Geoscholar's Florida Surveying and Mapping Society Fundamentals of Surveying (FS) Exam Prep Course **Un-Licensed Attendees - No CEC Credit - Dr. Stacey Lyle, PhD, RPLS, PLS**

Geoscholar's Florida Surveying and Mapping Society Fundamentals of Surveying (FS) Exam Prep Course is designed to provide critical information needed to obtain a Surveyor in Training (SIT) Certificate based upon topics tested on the NCEES Fundamentals of Surveying (FS) exam. The course offers an in-person FS review during the annual Florida Surveying and Mapping Society Conference, as well as an online preparation course.

You must complete the online course before attending the Seminar. Dr. Lyle will be covering select questions over the required sections to help you with examination preparation. After the Seminar you will have access for 1 year to the online course.

Dr. Stacey Lyle, PhD, RPLS, PLS is an Associate Professor of Practice at Texas A&M University's Zachry Department of Civil and Environmental Engineering and Department of Geography. He has served as an expert witness on land boundary court cases. He is active in the industry with over 35 years of surveying experience including civil engineering, land surveying, cadastral land records databases, GIS/CAD/BIM Fusion, geodesy, hydrography, photogrammetry, and cartography.



Conference Seminars

Thursday - July 31

8:00 am - 10:30 am

Undocumented Boundaries & The Surveyor's Duty (3 CEC – #11010) Instructor: Knud E. Hermansen, PSM, PE, Ph.D., Esq



Practitioners often encounter situations where the client's possession (undocumented) boundary does not coincide with the record boundaries. Depending upon the circumstances, the undocumented boundary may become the ownership boundary. In other cases, acts of the party(ies) and surrounding circumstances may locate the boundary that the record alone fails to fix with clarity. The workshop will explain and discuss estoppel, acquiescence, practical location, agreement, adverse possession, and dedication. In addition to a basic understanding of these doctrines, the practitioner will learn what their role and responsibilities are in these cases.

Course Objectives — At the completion of the workshop, attendees will: Understand the difference between the record boundary, possession boundary, and ownership boundary; be able to analyze the undocumented boundary in regard to supporting the record boundary location and the impact on the marketability of the title; explain the impact of doctrines such as estoppel, acquiescence, practical location, and adverse possession on surveying services; competently report the undocumented boundary and the potential impact on the title to the client.

Knud E. Hermansen, PSM, PE, Ph.D., Esq is an attorney, professional engineer, and professional land surveyor licensed in several states. His education includes a Ph.D. in Civil Engineering from the Pennsylvania State University and a J.D. (Doctorate in Law) from West Virginia University. Knud is a professor emeritus at the University of Maine and operates a consulting firm offering surveying, engineering, and legal services. Professional membership includes the National Society of Professional Surveyors, National Society of Professional Engineers, American Society of Civil Engineers, and several state survey societies. He is an author or co-author of several books and articles.

Choose one
3-hour
seminar for
Thursday

Surveying and Mapping with UAS (3 CEC – #11013) Instructors: Jib Ahmad, RPLS, PLS, CFM & Vas Kalogirou, RPLS, PLS, PS, PSM, LS

This presentation will cover a brief UAV history, Blue List and NDAA Compliant UAVs, Remote Identification, some current FAA regulations for flight operations, ground control points (GCPs), RPIC and visual observers, and continuing education as a FAA sUAS pilot. The objective is to understand the workflow of UAS projects that could be either photogrammetry or lidar.



Jib Ahmad, RPLS, PLS, CFM started his surveying career in Oregon and Washington in 1994 and instantly loved looking for property corners. He is a licensed Land Surveyor in Texas, North Dakota, South Dakota, and Kentucky, is a Certified Floodplain Manager, a FAA Part 107 UAS Pilot, and has been a Professional SCUBA Divemaster for nearly 30 years. His diverse range of projects in land, aerial, hydrographic, seismic and pipeline surveying has given him the opportunity to work in 8 states. His experience includes large boundary surveys in Texas and in the U.S. Public Land system, large scale GPS control network design and processing, watershed mapping, coastal mapping for surface and underwater sites, riverine mapping, forensic surveys, hydrology and hydraulics studies, and archaeological surveys. Jib is a graduate of the University of Houston and is an active member of NSPS, TSPS, ASPRS, AUVSI, ASCE, TFMA, and the Archaeological Institute of America.



Vasileios "Vas" Kalogirou, RPLS, PLS, PS, PSM, LS started his surveying career in Greece 30+ years ago through his surveying family business and is a third generation Surveyor. While working in the surveying industry he received a 5-year Bachelor's Degree in Land Surveying Engineering from the Aristotle University of Thessalonica, Greece in 2001. At the end of the same year he received his license as a Professional Land Surveyor in Greece and then moved to the United Kingdom where he received his Master Degree in GIS in 2003. At the end of 2003 he served in the Greek Artillery where he continued working as a surveyor for various expeditions. Vas moved to Dallas, Texas in 2005 and started working for Halff, which is where he is still employed today as the VP, Survey Practice Leader. Throughout his career, Vas managed DOT Projects in TX and OK, ALTA Surveys, FEMA, USACE, Energy and Geospatial projects in multiple states. Vas is a Licensed Surveyor in seven (7) states, including the state of Florida. Since 2007 he has been coordinating the nationwide NCEES FS Exam study groups and is also an adjunct professor teaching the courses of GIS and Geodetic Surveying & Mapping at Dallas County College since 2015. Vas also serves as a Chairman of Surveying Advisory Committee member on behalf of the Texas Board of Professional Engineers and Land Surveyors and an Advisor of the Curriculum Survey Program of the Aristotle University of Thessaloniki (AUTH) in Greece, but most importantly, he is a devoted family man who really enjoys Surveying.

Conference Seminars

Saturday - August 2

8:00 am -
9:40am



**FDEP - Sovereignty Lands/Water Boundaries, Murphy Act Lands and Board of Trustees Database (BTLDS)
(2 CEC – Course #11014) Instructors: Scott Woolam, PSM & Eric Sellers, PSM**

This discussion will focus on what is considered sovereignty lands, brief discussion on riparian lines and training on how to navigate with the State Lands Database (BTLDS). The goal is to educate on state lands interest and water boundaries and how they impact the private surveyor.

Scott Woolam, PSM is the Chief of the Bureau of Survey and Mapping with the Department of Environmental Protection. After 10 plus years surveying in the private sector in the Pensacola area, he went to the Bureau of Survey and Mapping in 1991 where he is now in his 35th year of tenure. Scott graduated from the Surveying and Mapping Program (Geomatics) at the University of Florida. He is a member of Tau Beta Pi Engineering Honor Society and the Florida Survey and Mapping Society. *He also wrestled in high school.*

Eric Sellers, PSM is a Professional Land Surveyor and Mapper with the Bureau of Survey and Mapping with the Department of Environmental Protection. After 10 years surveying in the private sector in Georgia and North Florida, he went to the Bureau of Survey and Mapping in 2012. Eric graduated from Georgia Southern University. He is a member of the Florida Survey and Mapping Society.

Using GIS to Produce a Survey Drawing

(2 CEC- #11017) Instructor: Frank J. Conkling, PSM, GISP

This presentation will explore the process of leveraging Geographic Information Systems (GIS) to produce survey drawings, with a focus on ArcGIS Pro. We will examine the key differences between CAD and GIS file structures, highlighting how each system's spatial data is stored, managed, and utilized. Next, we will discuss best practices for importing CAD files into GIS format, ensuring proper georeferencing and data integrity. Finally, we will demonstrate how to create a professional-quality survey map in ArcGIS Pro, incorporating layers, symbology, and layout design. By the end of the session, participants will clearly understand the workflows required to integrate CAD-based survey data into a GIS environment for enhanced spatial analysis and visualization.



Frank J. Conkling, PSM, GISP owns Panda Consulting, an LB-licensed Professional Surveying and Mapping business offering GIS Professional Services since 1998. Frank is a recognized authority on GIS and Surveying and Mapping technology, including mapping various types of ownership interest in land. Frank has been involved in GIS and Parcel Mapping since 1974 and has enjoyed studying and guiding the creation, implementation, and maintenance of some of the country's most effective GIS systems and most accurate land ownership databases. Frank is a licensed Professional Surveyor and Mapper in Florida and a licensed GIS Surveyor in South Carolina. He is a Past President of the Florida Association of Cadastral Mappers, an organization focused on cadastral mapping throughout the state of Florida, and a Member Emeritus of the Florida Board of Professional Surveyors.

8:00 am -
9:40am



Introduction to Construction Surveying Basics

(2 CEC - #11020) Instructors: Clifford Culhane, PLS, PSM & Dionicio Montero, FAA Pilot

Surveying in the United States is projected to reach a 10.7-billion-dollar market share in 2025. This overview intends to explore the dynamic world of construction layout beginning with project planning, project execution, collaboration with the construction team and stakeholders, and finishing with the eventual closeout of the project. Attendees will come away with a general understanding of initial site preparation and planning, construction staking within tolerance and specification, design plan layout, and how to find answers within the plan set. They will also learn the importance of communication with the project team, site scheduling, and the how-to of integrating survey into the project life cycle.

Clifford Culhane, PLS, PSM is a Professional Land Surveyor with near 40 years of widely varied experience. Clifford manages a group of surveyors engaged in heavy civil infrastructure projects from highways, bridges, dams, and rail, to water plants, power generation, and other specialized unique projects. Clifford is interested in two things, primarily; training people to take his job and attracting curious and driven people to our profession by whatever means necessary.

Dionicio Montero, FAA Pilot, is a Survey Manager in the Southeast District of Kiewit Infrastructure. His passion for new and emerging technologies has led him to become the 'go to' integrator and subject matter expert for survey related tech in the Southeast District. From Drones, LiDar, terrestrial scanning to GPS networking Dionicio has had his hands in just about every project started in the Southeast for the last 5 years. Dionicio's expertise is attributed to his education, hands on experience, and drive to find the most cost effective, practical solution to locally unique problems. Dionicio is currently working toward obtaining his Survey License in Florida.

Conference Seminars

Saturday - August 2

10:10 am -
11:50 am

The FDOT RW Map – Purposes and Benefits to the Agency and the Surveying Profession (2 CEC - #11008) Instructors: Brett C. Wood, PSM/ & Christopher (Scott) Fowler, LS, MBA



The FDOT RW Map is a tool used by the agency typically associated with land appraisal and acquisition but also serves additional purposes and information to the agency and surveying profession. Learn more about the depth of the mapping and how this valuable resource can be best applied.

Brett C. Wood, PSM is the State Surveyor for the Florida Department of Transportation, Brett manages the Central Surveying and Mapping Office (CSMO) in Tallahassee and the Department's Statewide Surveying and Mapping Program. CSMO operates and maintains the Department's statewide continuous operating GNSS reference network, the Florida Permanent Reference Network (FPRN). Brett has over 40 years of experience in surveying and mapping and became a Florida Licensed Surveyor and Mapper in 1997. Brett came to the Department in 2009 from the private sector, specializing in geodetic and remote sensing technologies.



Christopher (Scott) Fowler, LS, MBA began land surveying in South Florida in 1989. His range of work experience includes land development, engineering support, construction layout, and roadway construction. He joined FDOT District Five in 2017 as Surveyor II in their Right of Way Mapping Section and is currently a Survey and Mapping Supervisor I in that same Section. He is a graduate of Miami Dade College, University of Minnesota, and Chancellor University. Mr. Fowler is a Licensed Surveyor in the State of Florida.

Surveying & GIS – Infrastructure Geospatial Partnership (2 CEC – #11018) Instructor: Richard Pryce, RLS, PSM

10:10 am -
11:50 am

This presentation goes over five specific projects that he completed from 1999 to 2024 that combine Surveying and Geographic Information Systems into an integrated final product. The most current one being the entire water system for the City of Fort Lauderdale covering 750 miles of mains, hydrants, valves, and meters.



Richard Pryce, RLS/PSM is the current President of FSMS; former Director and President of Broward Chapter FSMS. Rick has been surveying since 1972 and was licensed in 1983. He has performed surveys in 42 counties within Florida and was an early adopter of Geographic Information Systems using ESRI software since 1990. He has successfully integrated and completed multiple Survey, Engineering, and GIS multi-million-dollar projects over the past three decades and has provided numerous presentations and general talks on them to a diverse group of Engineers, Surveyors, and GIS Professionals. His interest, knowledge, and expertise in remote sensing started in 1996 when he worked directly with a remote sensing firm while surveying, to assist in developing precision agriculture applications. He has expanded his knowledge and expertise to include all forms of LiDAR, (terrestrial, mobile and aerial) since then, and has also included forensic work on disaster sites. He developed multiple ways to do QA/QC LiDAR work and check both horizontal and vertical accuracies to improve upon the final product. Most recently he has been using his background with LiDAR and remote sensing to assess properties for Monroe County Land Authorities in determining how much of their properties are affected by Mean High Water Line.

Navigating Florida Statutes Chapter 177.073 – Embarking on a Journey to Allow Expedited Residential Permits with a Preliminary Plat (2 CEC - #11022) Instructor: Matthew Kalus, GISP-R, PSM, PE

10:10 am -
11:50 am

This presentation details out the required items to prepare a Preliminary Plat for Municipal Approval that allow for Expedited Residential Permit; necessary milestones for the surveyor and the developer; and, reaching the destination with the Final Plat.



Matthew Kalus, GISP-R, PSM, PE holds a Bachelor of Science in Civil Engineering degree from the University of Central Florida, and has over 30 years of experience in drafting, civil and structural engineering, aviation planning, right-of-way mapping & acquisition, GIS parcel mapping, surveying, and platting. Matthew has worked for several private engineering consulting firms, as well as being employed as a public servant at Lake County Public Works, Lake County GIS, Orange County Property Appraisers Office, and for that last 11 years, at Orange County Public Works, Development Engineering Division. Mr. Kalus' background and coordination with both the Lake County and Orange County Surveyors in right-of-way acquisition and parcel mapping, and as part of the Orange County Property Appraiser parcel re-engineering team, Matthew was involved in remapping over 340,000 parcels, several thousand plats, and nearly a hundred right-of-way maps for the 1,003 square mile county. This experience provided the foundational elements to transition to the Platting Coordinator at Development Engineering beginning in 2014 where the team processed, on average, a plat a week for recording over his entire tenure. Now in the role of Senior Project Manager for Orange County Public Works Department - Development Engineering Division, under the guidance of the division manager, Matthew oversees a staff of 50 engineers, surveyors, technicians, and inspectors comprised of six Sections: Platting, two Development Engineering Plan review teams, Permitting, Construction Inspection, and the Development Review Committee review team. These teams review all aspects of both residential and commercial development within unincorporated Orange County from Land Use plan review, subdivision and development plan review, site construction plan review, platting, and construction inspection.

Conference Seminars

Saturday - August 2

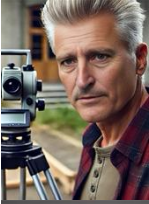
Legal Topics for Professional Land Surveyors

(2 CEC - #11016) - Instructors: Stacey D. Lyle, PhD, RPLS, PLS & Eryn L. Lyle, JD

1:30 pm -

3:00 pm

This course will examine legal aspects of land ownership and the "4 corners rule"; the relationship between contracts and agreements for boundary and topographic engineering surveys; federal-state-local regulations for boundary and topographic engineering surveys; legal process and litigation procedures with professional surveyor expert witness and deposition responsibilities; mediation and arbitration process; and they will conclude on how selling a surveying firm while establishing a will and trust estate.



Stacey D. Lyle, PhD, RPLS, PLS has over three decades of experience in designing and developing surveying and geospatial software and technology solutions, with 42 publications to his name. As a Professional Land Surveyor, he certifies legal land boundaries and serves as an Expert Witness in international, municipal, and private land boundary disputes. His career includes roles such as Geomatics Engineering Team Lead at BP American Production Company, Director of Machine Automation at Leica Geosystems, Systems Engineer at GeoScholar, and he is a former Research Fellow at NASA and USDA. Dr. Lyle holds a patentable new technology for "Geospatial Authentication," a cybersecurity technology licensed with NASA. He currently teaches Geography, Geology, and Civil Engineering as a Professor of Practice at Texas A&M University.



Eryn L. Lyle, JD Eryn is an associate of Hopper Mikeska, PLLC, having joined the firm in 2021. She focuses her practice on estate planning and estate, guardianship and trust administration. Prior to joining Hopper Mikeska, Eryn worked at Travis County Probate Court No. 1 as a Legal Intern.

It Takes Time to Get Oriented

(2 CEC – Course #11028) - Instructor: Brion Yancy, PSM

1:30 pm -

3:00 pm

This class will go over the history of the Cape Sable Triangulation Baseline; how it was set and its purpose. Then we will delve into how we found the Cape Sable monuments; the trials/tribulations and how long it takes to get "oriented" on a new project.



Brion Yancy, PSM is a Professional Surveyor and Mapper in Florida. He began his career with his dad and pursued surveying sporadically until the age of 40. He then decided to earn his degree with the goal of becoming a licensed surveyor. While working for the Martin County Survey Department, Brion finished his degree, became licensed, and was promoted to a Project Manager. While at Martin County he had the opportunity to serve as an expert witness in photogrammetric measurements. Brion is now a Senior Project Manager with Bowman. In his current role Brion has written an estimated 60,000 legal descriptions. His surveying experience includes boundary, topographic, platting, route, right-of-way, mean high water, and hydrographic surveys. Brion is a member of the National Society of Professional Surveyors and the Florida Surveying and Mapping Society (FSMS). He was the Chapter President for the Indian River Chapter of FSMS from 2018-2020, 2022 to present, and currently a director for FSMS district 3. He was also the Indian River Chapter Treasurer from 2016-2018. Brion started the Indian River Chapter Annual Sporting Clay Charity Shoot. His vacations have evolved into successful recovery missions for monuments thought to be obliterated or lost.

Preparing to Lead

(2 CEC – Course #11024) - Instructor: Paul J. Cortissoz, SPHR

1:30 pm -

3:00 pm

This course focuses on key elements for cultivating impactful leadership, starting with Authentic Leadership to help leaders align their values with their actions. Attendees will explore the fundamentals of Emotional Intelligence to enhance their self-awareness and empathy, as well as effective communication techniques to strengthen their relationships, presence and influence with others.



Paul J. Cortissoz, SPHR is the CEO and Co-Founder of HR Soul Consulting, a nationally recognized HR consulting firm honored with the Inc Magazine Power Partner Award for three consecutive years and the Tampa Bay Times "Best of the Best" Award for two years. With 30 years of cross-industry HR experience, he has held senior roles at Heineken USA, Columbia University, Yellow Pages, Gap Inc., and Liberty Mutual. Paul specializes in organizational development, talent management, and leadership development, delivering HR solutions tied to measurable business results.