

Wednesday

Seminars

8:30 am - 3:30 pm

Each Seminar 6 General CECs

- ◆ **“GIS for Surveyors” Hands-on GIS Workshop**
Course #7823
Kevin Mumford and Donny Sosa
- ◆ **Aerial LiDAR (Light Detection and Ranging) Data Processing**
Course PDA
Al Karlin, PhD, GISP

August 15th

Provider No. CE11

“GIS for Surveyors” Hands-on GIS Workshop is designed to give surveyors an introductory level hands-on experience with the world’s leading GIS software. Surveyors with little or no GIS experience will benefit from scripted exercises designed to cover GIS basics including data input, data automation, data display and symbolization, GIS analysis and mapping.

Aerial LiDAR (Light Detection and Ranging) Data Processing will introduce attendees to the practical aspects of aerial LiDAR processing. Software and course data will be distributed to each attendee for use in the course. All exercises will be in the form of demonstrations which students with computers can follow along. Students not able to bring personal laptops will be able to watch demonstrations and they will receive the software/data for personal use.



Thursday Seminars

8:30 am - 3:30 pm

Each Seminar 6 General CECs

◆ **“GIS for Surveyors” Hands-on Self Paced Learning Lab**
Course PDA
Kevin Mumford and Donny Sosa

◆ **Swamp & Overflowed Lands**
Course #6860
Joe Knetsch, PhD

August 16th

Provider No. CE11

“GIS for Surveyors” Hands-on Self Paced Learning Lab is designed to provide attendees with the opportunity to try out GIS software and various courses at his or her own pace. Attendees will gain knowledge and hands-on experience on integrating GIS into their business practices.

Swamp & Overflowed Lands will inform the surveying community about the current and past issues regarding the controversial Swamp and Overflowed Land Acts of 1850 and those that followed. Handouts concerning GLO decisions and Supreme Court rulings will be included.



Instructor Bios

John N. “Jack” Breed, PSM



John N. “Jack” Breed, PSM has thirty-four years experience in all phases of infrastructure planning and development, in Surveying and Mapping, Environmental Sciences, Planning, Design and Agency Permitting and Construction Management. For the past twenty years he has focused on Public Infrastructure projects. In addition to his twenty-eight years as a Vice President at CivilSurv Design Group, Inc., Mr. Breed is an Adjunct Professor in the University of Florida’s renowned Geomatics Program. His credentials as an Educator combined with his expertise in resolution of complex boundary and title problems has established him as an Expert Witness in Florida, particularly in eminent domain proceedings and professional practices issues.

Craig Emrick, PSM



Craig Emrick, PSM is a native Floridian and since 1993 has been involved in surveying in both the public and private sectors. A 2002 graduate of UF’s Geomatics Program, he is a licensed surveyor in FL and AL, and is also a Certified Federal Surveyor and a Wetland Delineator. Mr. Emrick is a Project Surveyor with Pickett & Associates, Inc. He is active in FSMS, holding Officer positions in the Ridge, Northwest FL and UF Geomatics Chapters and currently serves as a District 4 Director. He and his wife, Kitten, celebrate sixteen years of marriage with their wonderful kids, Melinda, 5, and Owen, 4. Mr. Emrick enjoys Gator football, spending time with family and friends, Gator football, gardening, Gator football, home improvement projects, and of course, Gator football.

Bart Gunter



Bart Gunter is a Florida licensed insurance professional with the insurance firm of Rogers, Gunter, Vaughn Insurance. He is the manager of the FSMS endorsed insurance program written through Fireman’s Fund Insurance Company. Bart is a Certified Insurance Counselor, a graduate of The University of Florida, and a partner in RGVI.

Joe Hedrick



Joe Hedrick serves as the Infrastructure Solutions Team manager for IMAGINiT Technologies, providing Auto-desk civil engineering/survey implementation consulting services. He has over eighteen years of experience in land surveying and civil engineering encompassing field-data collection, site design and layout, residential subdivision design, and land planning. Mr. Hedrick is an EIT and a licensed land surveyor in Virginia, and earned his B.S. degree in Civil Engineering Technology from Old Dominion University in Norfolk, Virginia.

Robert W. Jackson, Jr., PSM



Robert W. Jackson, Jr., PSM is the Fort Lauderdale Director of Surveying Services at Calvin, Giordano & Associates, Inc. He has approximately forty-four years of experience in all phases of land surveying. Mr. Jackson has been a licensed Surveyor since 1985. He also serves as the City of Weston and the City of West Park FEMA Administrator. Mr. Jackson has been an instructor for FSMS for several years and is a Past President. He has been awarded the Jim Bennett Board Member of the Year 2004-2005, has been awarded twice the H.O. Peters Surveyor of the Year 2005-2006 and 2007-2008, Fellow Member of the Year 2008-2009.

Al Karlin, PhD, GISP



Al Karlin, PhD, GISP is a Senior GIS Scientist in the Mapping and GIS Section of the Southwest Florida Water Management District. His responsibilities include: Development of the ArcHydro/Geographic Watershed Information System, LiDAR data management, Watershed-related Project Management, Developing Spatial Statistics, and Software Training & Education. Dr. Karlin is a member of the American Society for Photogrammetry and Remote Sensing (ASPRS). He has taught presentations for ESRI and FSMS. Dr. Karlin has written articles in several publications, his most recent in *ASPRS Airborne Topographic Lidar Manual*.

Instructor Bios cont.

Joe Knetsch, PhD



Joe Knetsch, PhD works for the Florida Department of Environmental Protection, Division of State Lands, Bureau of Survey and Mapping. He received a Doctor of Philosophy degree in History from Florida State University in 1990. He has worked as the historian for the Governor and Cabinet, sitting on the Board of Trustees of the Internal Improvement Trust Fund, since 1987. Dr. Knetsch has published over 180 articles and reviews on Florida history. He has given nearly 150 papers on the topic of Florida history, surveying and genealogy.

Wendi McAleese



Wendi McAleese is a Florida Licensed Title Insurance Agent and Licensed Real Estate Salesperson with over seventeen years experience in the insurance industry. As President of American Government Services, she is actively involved in the day to day operations of the company including management of the Closing Department. Ms. McAleese is responsible for title examination on all work performed under contracts with the Florida Department of Environmental Protection, Florida Department of Transportation, U.S. Department of Agriculture/Natural Resources Conservation Services and the U.S. Army Corps of Engineers.

Kevin Mumford



Kevin Mumford has been working in the urban planning and GIS industry for over twenty-five years. He has been employed with ESRI for twenty-two years during which time he has worked as a Technical Lead, Product Engineer and Software Instructor. Mr. Mumford both authors and teaches a variety of ESRI professional training courses. His credentials include certifications as ArcGIS Desktop Associate and Technical Trainer (CompTIA CTT+).

Donny Sosa



Donny Sosa has been working in the surveying and GIS industry for over ten years. His survey experience includes many survey types including: GPS networks, boundary, construction, topographical, and hydrographic surveys. As a GIS professional, Mr. Sosa has served as a Project Manager and Consultant. He has worked at ESRI for over nine years and currently serves as the Survey Industry Specialist.

Michael J. Whitling, PSM



Michael J. Whitling, PSM was the County Surveyor for Miami-Dade County and was employed in surveying for the county for forty-three years. He holds degrees in Land Surveying and Civil Engineering from Miami-Dade College and has been a licensed Surveyor since 1989. Mr. Whitling is also certified as an instructor of insurance education in the area of Surveying Legal Descriptions. He has served on the FSMS state level as President, Vice-President, and District Director.

Danny Williams, PSM



Danny Williams, PSM is a native Floridian and has over twenty-five years experience in the Surveying & Mapping profession. Notable projects he has worked on include: Sun Coast Parkway, Sun Coast 2, Western Beltway and Wekiva Parkway. Mr. Williams is active in FSMS; he currently serves as a District 3 Director.