

# BENCHMARK



THE NEWSLETTER OF THE SOUTH CAROLINA SOCIETY OF PROFESSIONAL LAND SURVEYORS

*An affiliate of the National Society of  
Professional Land Surveyors*

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## SCSPLS ANNUAL CONVENTION

JUNE 10 – JUNE 13, 2009



## GENERAL MEMBERSHIP MEETING

SATURDAY, JUNE 13, 2009  
9:30 AM

## KINGSTON PLANTATION

## PRESIDENT'S MESSAGE

Greetings,

The cliché "time flies" exists because it is true. It seems like I wrote my first President's Message last month and here I am writing my last. I would like to thank every chapter that I managed to visit for their generous hospitality. Since our last newsletter, our activities have included the Tradeshow & Education Conference, and the board meeting and general membership meeting at Camp Buckhorn. At the March General Membership meeting, Bobby Foster and the Nominating Committee announced a slate of candidates for next year's elected officers. As always, the fireside conversations with the Gosnells and Joe Crowe were illuminating and worthy of at least one PDH. Thanks to everyone who prepared food for the Chapter Cook-Off. If you have never been to the Buckhorn Meeting you have missed a wide variety of delicious food from across the state, not to mention great company.

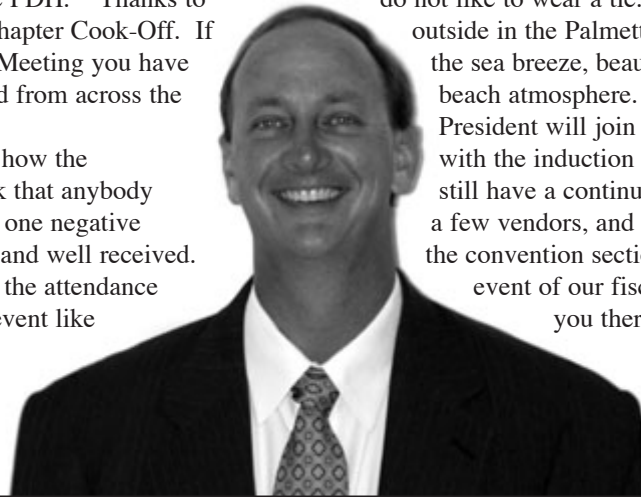
I probably do not need to tell you how the tradeshow went, because I do not think that anybody missed it. It was great! I did not hear one negative comment. All of the classes were full and well received. The exhibitors were very pleased with the attendance despite the economic conditions. An event like that does not happen by itself, it takes lots of people working together. I would like to thank Brenda and Kim for their hard work, planning

and organization. Joe McIntyre and the Education Committee deserve tremendous thanks for the hours spent lining up speakers, and making sure that everybody and everything wound up in the right place. Our introductory session by Dr. David W. Gibson was sponsored by our LLR State Board. Please thank Gene Dinkins and Thurl Amick, State Board members, for their support of our educational programs.

Please make plans to join us at Myrtle Beach June 10-13. We moved the convention into June and out of school time to make it easier for families with children to attend, so please don't let us down. Lewis Moore has been busy making plans. This year will be particularly appealing to those of us who

do not like to wear a tie. We will be having our Banquet outside in the Palmettos Pavilion where we can enjoy the sea breeze, beautiful views, and a more relaxed beach atmosphere. John Matonich, the new NSPS President will join us to speak briefly and assist with the induction of next year's officers. We will still have a continuing education opportunity, golf, a few vendors, and survey games. Please check out the convention section and register to attend this final event of our fiscal year. I look forward to seeing you there!

Sincerely,  
Lee Frank  
SCSPLS 2008-2009 President



## JOHN D. MATONICH TO BE SPEAKER FOR CONVENTION BANQUET



Mr. John D. Matonich, current President of the National Society of Professional Surveyors, will be the guest speaker for the June 13th Saturday evening Awards Banquet of the SCSPLS convention.

Mr. Matonich is the President and Chief Executive Officer of Rowe Professional Services Company, a firm specializing in professional engineering, surveying, planning, landscape architecture and aerial photogrammetry in Michigan and across the

country. He is past State President of the Michigan Society of Professional Surveyors. Mr. Matonich is a member of the Surveying Curriculum Advisory Committee at Michigan Technological University and has also served in that capacity at Ferris State University. He has served as adjunct faculty to the University of Michigan Earth Sciences Department Riverfront Campus. John has been a contributing writer to "Professional Surveyor" magazine and currently is a contributing writer to "American Surveyor".

Mr. Matonich is Chairman of the Joint Government Affairs Committee for the American Congress on Surveying and Mapping and serves as a delegate to the ACSM Congress representing more than 4500 members across the country. Mr. Matonich received his BS in Land Surveying with honors from Michigan Technological University. He is licensed as a Professional Surveyor in Michigan, Ohio and Wisconsin.

We look forward to having Mr. Matonich at our convention and welcome him to South Carolina!

# CONVENTION 2009

**JUNE 10 – JUNE 13, 2009**

## **KINGSTON PLANTATION MYRTLE BEACH, SC**

The **Kingston Plantation Resort** will host the South Carolina Society of Professional Land Surveyors 40th Annual Convention June 10th – 13th. SCSPLS organizes this opportunity once each year for you to enjoy camaraderie of fellow surveyors and attend educational seminars, as well as to see and learn about new technology, and resources available to make the surveying businesses more efficient and profitable. The annual convention will be held at the Kingston Plantation. Enjoy a game of golf with your SCSPLS friends at the Arcadian Shores Golf Course on Thursday. The convention registration will begin at 3:00-5:00 PM on Thursday, will officially open on Thursday evening at 6:00 PM, June 11th, with the President's reception, a chance to view exhibits and presentation of the Golf Awards, and run through



the Awards Banquet Saturday night, June 13th. Six professional development hours will be offered at the seminar Friday. Prove your surveying superiority at the Survey Games on Saturday afternoon at hosted by the Upper Piedmont Chapter of SCSPLS. Join us for this annual event with a different agenda! View the complete SCSPLS 40th Annual Convention brochure on our website at [www.scspls.com](http://www.scspls.com). A block of oceanfront rooms, suites and villas have been reserved for our convention at a special rate until **May 25th, 2009**. Visit the Kingston Plantation's web site at [www.kingstonplantation.com](http://www.kingstonplantation.com) for a preview of the property and accommodation details and on-line registration for accommodations. You may reserve your room with reduced rates at any of the following: Kingston properties: Embassy Hotel Suites which includes complimentary buffet breakfast and complimentary manager's reception per person per day, based on single/double occupancy; one bedroom in Brighton or two bedroom condo in Brighton; a one or two bedroom condo at The Villas, by calling the hotel at **1-800-876-0010**. When you reserve your room, be sure to mention that you will be attending the SC Society of Professional Land Surveyors Convention to obtain the special rate.

**Room costs are:**

Brighton - One Bedroom Oceanview Guestroom - \$159.00

Brighton - Two Bedroom Oceanview Condo - \$225.00

Villa - One Bedroom - \$164.00

Villa - Two Bedroom - \$184.00

Embassy Suites Oceanview Suite - \$219.99

*Mark your calendar for June 10th – 13th, 2009, and plan to join your surveyor friends and family.*

**See entire brochure on line at [www.scspls.com](http://www.scspls.com)**

# 40TH ANNUAL CONVENTION

## A G E N D A

June 10 – 13, 2009

### KINGSTON PLANTATION, MYRTLE BEACH, SC

DATE/TIME	EVENT	LOCATION
<b>WEDNESDAY, June 10:</b>		
3:00 PM - 4:30 PM	Convention Committee Meeting	Somerset, Main Hotel
<b>THURSDAY, June 11:</b>		
11:30 AM - 4:30 PM	Golf Fellowship (meet at course)	Arcadian Shores
3:00 PM - 5:00 PM	Registration Open	Windsor Foyer, Embassy
6:00 PM - 8:00 PM	* President's Reception	Palmettos Pavilion
	Presentation of Golf Awards	Palmettos Pavilion
	Visit Exhibitor Exhibits	Palmettos Pavilion
	(Door Prize Drawings)	
<b>FRIDAY, June 12:</b>		
8:30 AM - 4:00 PM	Registration Open	Windsor Foyer, Embassy
9:00 AM - 4:00 PM	* Technical Session:	Windsor AB, Embassy
	"Surveying in Autodesk Civil and Civil 3D 2010"	By: Dan Bonenfant, PLS
8:45 AM - 1:00 PM	Auxiliary Function	Meet at Windsor Foyer
	Shopping at Tanger Outlet	
9:45 AM - 10:15 AM	* Technical Session Break	Windsor Foyer
12:00 PM - 1:00 PM	* Lunch	Somerset
12:00 PM - 1:00 PM	Past President's Luncheon	Pembroke
1:00 PM - 4:00 PM	* Technical Session Continued	Windsor AB
2:15 PM - 2:45 PM	* Technical Session Break	Windsor Foyer
<b>SATURDAY, June 13:</b>		
9:00 AM - 9:30 AM	Registration Open	Windsor Foyer
9:30 AM - 12:00 PM	SCSPLS General Membership Meeting	Pembroke
2:00 PM - 4:00 PM	Surveying Contest/Games (Upper Piedmont Chapter)	Atlantic Lawn (Main Hotel)
	Survey Awards after conclusion of games	
6:00 PM - 7:00 PM	* SCSPLS Social Hour	Palmettos Pavilion
7:00 PM - 9:30 PM	* Awards Banquet	Palmettos Pavilion
	(Door Prize Drawings)	

*Convention Agenda is subject to minor changes as needed.*

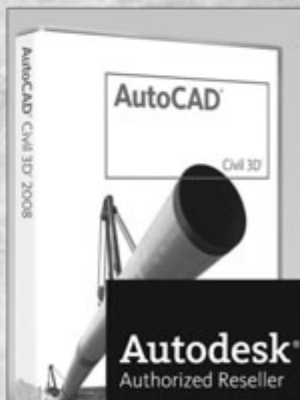
**Registration will be in the Windsor Foyer of the Conference Center at the Embassy Suites Hotel.**

\*Function Tickets Required - Registration Badge Required At All Events

**You must be registered for the day to be eligible for any prize drawings.**



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# CONVENTION SEMINAR

## “SURVEYING IN AUTODESK CIVIL AND CIVIL 3D 2010”

Friday, June 12, 9:00 AM – 4:00 PM

by: *Dan Bonenfant, PLS, Duncan Parnell*



### **Daniel J. Bonenfant, PLS**

Mr. Bonenfant has been a part of the Surveying and Civil Engineering business for 25 years in many different capacities. He began as a chainman on a construction crew in 1983 and worked his way through the surveying industry by holding every position from there to Survey Manager in charge of 6 field crews by 1993. In 1993, Mr. Bonenfant moved into the design side of Civil Engineering. He spent the next couple of years designing a number of different projects in both

residential and commercial areas as well as becoming registered as a Land Surveyor in South Carolina.

In 1995, Mr. Bonenfant moved into software training and support for a local reseller of Autodesk products. Since then he has been training and supporting Autodesk's Surveying and Civil Engineering products, either as an Applications Engineer for an Autodesk Reseller or an Autodesk Authorized AEC Consultant. Mr. Bonenfant has written four manuals the 2000 release of Land Development Desktop, Civil Design and Survey, portions of which are still in use by Autodesk today. During this period, Mr. Bonenfant provided training and support services for Autodesk, as well as Autodesk Resellers. In the aftermath of 9/11, Mr. Bonenfant returned to his design and surveying background. During this period, he was involved in several large and high profile design projects as well as many small to mid-sized residential design and surveying projects. Being involved again in the design process allowed him to develop new design and surveying processes based on the new Civil 3D product. Now, after 5 years of varied design and surveying experiences, Mr. Bonenfant returns to the dealer channel as an Application Engineer for Duncan Parnell, Inc. Mr. Bonenfant is an experienced trainer and will be providing traditional classroom based training using the Autodesk AOTC courseware. He will also be creating custom training material for Duncan Parnell designed to be delivered in a standard classroom, On-site, on-demand and via the World Wide Web.

Whether you are considering purchasing, an occasional user, or an existing Autodesk customer that would like to become more proficient, training helps you get the most from your sys-

tem. Mr. Bonenfant's training emphasizes practical applications that can be immediately transferred to your project. The agenda for the seminar is as follows:

### **Surveying in Civil 3D 2010**

#### **Session 1: Set up basics**

Learn the basics of style creation. We will cover the basics of style creation and template definition in Civil 3D 2010 by creating several different types of styles used in the afternoon session.

#### ***These will include (time permitting):***

- User defined Property Classifications
- Point Styles and Point Label Styles
- Import/Export File Formats
- Description Keys
- Surface Styles
- Surface Label Styles
- Parcel Styles
- Alignment Styles
- Alignment Label Styles
- Network Styles
- Figure Styles
- Figure Prefix database
- Linework Code Set

#### **Session 2: Surveying Functionality of Civil 3D 2010.**

#### ***We will (time permitting):***

- Use the styles created in the morning session to import surveys into Civil 3D.
- Cover the various coding techniques to use in the field along with the commands used to affect the linework.
- Import various types of data and cover the techniques used to create automated linework.
- Import and balance a simple traverse using Transit, Compass, or Crandall rules for traverse analysis.
- Cover the requirements of balancing the same traverse using Least Squares adjustments.
- Cover the reporting used by these methods of adjustment.
- Convert raw data using Survey Link and import it into Civil 3D using a template with numeric codes as its base.
- Import a small lot survey using Trimble link and complete the drafting for a lot survey.
- Create a small subdivision and label the parcel lines and parcel areas.

**\*\*\*Registration information in convention brochure. Attendees will earn 6 PDH for completion of the seminar.\*\*\***

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# SCSPLS GENERAL MEMBERSHIP MEETING SATURDAY, JUNE 13, 2009 9:30 A.M.

Kingston Resort Hotel and Plantation, Myrtle Beach, South Carolina

## Welcome & Invocation

President Lee Frank

## Memorials

## Reports from Other State Representatives and Guests

**Meeting Format:** Robert's Rules of Order

President Lee Frank

## Agenda Approval

President Lee Frank

## Minutes Approval

March 7, 2009

## Financial Report

Ben Christensen

## Delegate Reports:

- SC Council of Eng. & Surv. Soc.
- NSPS Governor Report
- SMAC/GIS Delegate Report
- SC Utilities Committee Report
- The Auxiliary

Carl Bostick  
Henry Dingle  
Jody Mitchell  
Aaron Taylor  
Lesia Jenkins

## Chapter Representative Reports:

- Aiken Chapter
- Central Chapter
- Coastal Chapter
- Foothills Chapter
- Grand Strand Chapter
- Low Country Chapter
- Midlands Chapter
- Mid-State Chapter
- Northwest Chapter
- Pee Dee Chapter
- Thomas C. Anderson Chapter
- Tri-County Chapter
- Upper Piedmont Chapter

Bill Tripp  
Brian Pate  
Tim Maull  
Bryan Gosnell  
Wendell Powers  
Ray Cook  
Rick Inman  
Bart Dominick  
Greg Sosebee  
Ferrell Prosser  
Wayne Reynolds  
David Thomas  
Jody Mitchell

## District Director's Reports:

- District 1
- District 2
- District 3
- District 4
- District 5
- District 6

Kevin Schwacke  
Al Whitworth  
Tom Abraham  
Dennis Clinkscales  
Burnett Jenkins  
Mike Culler, Jr.

## Committee Reports:

- Activities & Programs
- Constitution & By-Laws
- 2009 Convention
- Education
- Ethics & Standards of Practice
- Four-Year Degree
- GPS-VRS Committee
- Insurance
- Legal & Legislative
- Membership
- Newsletter, Plat Contest Surveyor of the Year
- Past Presidents Council
- Public Relations
- ROD Committee
- Scholarship Committee
- State Parks Committee
- Survey Contest
- Web Site Committee
- Yearbook

Kevin Schwacke  
Ronnie Tyler/Bill Tripp  
Lewis Moore  
Joe McIntyre  
Bryan Gosnell  
Bart Dominick  
Matt Wellslager  
Dennis Clinkscales  
Ben Christensen, Skyler Ericson  
Lewis Moore  
Dale Swygert  
Bobby Foster  
Chuck Dawley  
Al Whitworth  
Burnett Jenkins  
Mike Culler, Jr.  
Upper Piedmont Chapter, Jody Mitchell  
Dale Swygert  
Robert Praete

## Business

State Board Report

Thurl Amick

Election results for 2008-09 Board of Directors Officers

Bobby Foster, Nominating Com. Chmn.

## Closing Comments

President Lee Frank

**Adjournment:** Join us for survey games sponsored by the Upper Piedmont Chapter following this meeting on Atlantic Lawn of Embassy (main hotel). Awards will be given out immediately following the close of the survey games.



# MINUTES OF SCSPLS GENERAL MEMBERSHIP MEETING

## Camp Buckhorn, Paris Mountain State Park, Greenville, SC

A meeting of the general membership of the Society of Professional Land Surveyors was held on Saturday, March 7, 2009 at 1:00 PM, at Camp Buckhorn, Paris Mountain State Park, Greenville, South Carolina.

Those in attendance were:

### Officers:

• President	R. Lee Frank, II
• President Elect	Lewis Moore, Absent
• Vice President	Dale Swygert
• Secretary	Robert Praete, Absent
• Treasurer	Ben Christensen
• Immediate Past President	Bobby A. Foster

### Delegates:

• SC Council of Eng. & Surv. Soc.	Carl Bostick
• NSPS Governor	Henry Dingle
• SMAC/GIS Delegate	Jody Mitchell
• SC Utilities Committee	Aaron Taylor, Absent
• The Auxiliary	Lesa Jenkins, Absent

### Chapter Representatives:

• Aiken Chapter	Bill Tripp, Absent
• Central Chapter	Brian Pate, Absent
• Coastal Chapter	Tim Maull, Absent
• Foothills Chapter	Bryan Gosnell
• Grand Strand Chapter	Wendell Powers, Absent
• Low Country Chapter	Ray Cook, Jr., Absent
• Midlands Chapter	Rick Inman, Absent
• Mid-State Chapter	Bart Dominick, Absent
• Northwest Chapter	Greg Sosebee, Absent
• Pee Dee Chapter	Ferrell Prosser, Absent
• Thomas C. Anderson Chapter	Wayne Reynolds, Absent
• Tri-County Chapter	David Thomas
• Upper Piedmont Chapter	Joe Mitchell, Jr.

### District Directors:

• District 1	Kevin Schwacke
• District 2	Al Whitworth
• District 3	Tom Abraham, Absent
• District 4	Dennis Clinkscales
• District 5	Burnett Jenkins
• District 6	Mike Culler, Jr., Absent

### Executive Secretary:

Brenda Smith

**OTHERS PRESENT:** Thurl Amick, Joseph E. Crowe, Glen Dalton, Chuck Dawley, Joe Gosnell, Marion Gramling, James V. Gregory, Michael Hardy (guest), Kent Hudson, Frankie Manhardt, William C. Martin, and Jeff Plumblee.

President Lee Frank opened the meeting with prayer and called the General Membership meeting of the SCSPLS to order Saturday, March 7, 2009 at 1:00 PM at Camp Buckhorn, Paris Mountain State Park, Greenville, SC. President Frank stated that the meeting would be conducted under Robert's Rules of Order.

**AGENDA:** A motion was made to approve agenda as written. Motion seconded and unanimously approved.

**MINUTES:** Motion made to approve minutes from December 6, 2008 General Membership meeting as written, with a second. Minutes unanimously approved as published.

**FINANCIAL REPORT:** Treasurer Ben Christensen reported that the Wachovia CAP account and Wachovia Sweep Account balances are now \$254,216.63, and Merrill Lynch scholarship account is approximately \$51,000.

### DELEGATE REPORTS

#### SC COUNCIL OF ENGINEERING AND SURVEYING

**SOCIETIES:** Mr. Carl Bostick stated that the Council has been monitoring a few bills in the House and Senate and also looking at qualification based selection process. Council will be meeting again soon. Members on this council have staggered terms for replacement.

**NSPS:** Mr. Henry Dingle reported that the spring meeting of the NSPS was held February 19-23 in Salt Lake City, Utah in conjunction with the ACSM 2009 Conference. New NSPS President is Mr. John Matonich from Michigan. Mr. Dingle reported on items discussed at the Board of Governors meeting: 3% Withholding Tax Update; Infrastructure Stimulus news; Dept. of Labor Professional Exemption Issue; FEMA news and National GIS Proposal. Lobby Day will be September 24, 2009 in Washington, DC. National Surveyors week is now the third week in March. Railroad Monumentation: A bill is being prepared to require railroad right-of-ways to be monumented to preserve the right-of-ways. Once the tracks are removed, it is difficult to determine where the property lines are. NGS reports that a new Geoid Model will be available in about two months. NCEES now has a program which allows professional and educational information to be sent to other states to expedite your registration for comity. You must register for this service and pay a fee. B. P. Barber was presented one of the awards for Subdivision Mapping of the NSPS National Plat contest.

**SMAC/GIS:** No report.

**SC UTILITIES COMMITTEE:** No report.

**THE AUXILIARY:** The Auxiliary was meeting today at lunch to discuss plans for the Auxiliary and convention.

### CHAPTER REPORTS:

Chapter reports are written and no oral reports will be made unless there are additions to the written reports.

**Aiken:** The Aiken Chapter meets the second Tuesday of the month at 7:00 PM at Eejays's Restaurant in the Kalmia Mall in Aiken. Mr. Ben Christensen reported that the RMC office now has started allowing plats to be recorded that are larger – 24 x 36.

**Central:** No report.

**Coastal:** Mr. Tim Maull's written report stated the chapter meets the last Tuesday at 6:00 pm various locations around the Charleston area. The chapter did not meet in November and December. Locations of January and February meetings were North Towne Grill and Seafood in North Charleston

# MINUTES OF SCSPLS GENERAL MEMBERSHIP MEETING (CONT)

and Gilligan's Raw Bar and Steamer in Mount Pleasant. The speakers for January were from the Charleston County Planning Department about permitting with discussion on construction staking and 3 D modeling for machine control. In February, Kevin Mitchell, Engineer from Town of Mt. Pleasant, spoke on recently completed projects, upcoming projects and the plat review process. Mrs. Frankie Manhardt discussed the concerns of construction staking and machine control for 3 D modeling. The SC Board of Regulations is looking into a policy statement for this issue. Suggestions that when this policy statement is issued, we should make sure it is widely forwarded.

**Foothills:** Mr. Bryan Gosnell reported that the chapter continues to meet with approximately 12 in attendance. The chapter is looking for a new location to meet at present. Mr. Billy Martin was selected as chapter Surveyor of the Year.

**Grand Strand:** No report.

**Low Country:** Mr. Ray Cook's written report stated that the chapter meets the second Tuesday at 6:30 PM at various locations in Beaufort. No meeting in January and February. The chapter is looking at the following topics for future meetings: Autodesk Civil 3D, VRS Network, Legal Matters, Insurance Matters, election of officers, grid system history and accessing old maps.

**Midlands:** Mr. Rick Inman's written report stated that the chapter meets the fourth Monday every month at 6:30 PM at Bower Bistro in Columbia with an average attendance of 20 members and 3 guests. The annual Christmas Party was held in December and also the annual Christmas Food Box program. Mr. Huley Schumpert chaired the effort which was a great success with 100 boxes of food for the needy being distributed in the midlands area. January speaker was Mr. Matthew Mizell of Leica Geosystems who gave a 2-hour HDS Scanning seminar to those in attendance. February speaker was Mr. Dan Bonenfant who presented a program on AutoCad Civil 3D.

**Mid-State:** Mr. Bart Dominick's written report stated the chapter meets at Stable Steak House in Prosperity the second Thursday of the month at 6:30 pm for a social time, followed by a meal at 7:00 and business meeting and speaker at 7:30 PM. January meeting was a discussion on Newberry County Zoning and Planning issues. February speaker was Mr. Tim Savidge, attorney, who spoke on Limited Liability Company (LLC), corporations and protecting assets.

**Northwest:** Mr. Greg Sosebee's report stated that the chapter meets the 2nd Tuesday of the month at 7:00 PM at Circle M Barbeque with an average attendance of 16.

**Pee Dee:** The chapter newsletter stated that the February meeting was attended by 9 members. Speaker was Mr. Billy Hoylen of Hoylen Insurance Agency who discussed different types of insurance as well as changes taking place in the insurance market. Members of the chapter met with the GIS Manager and Planning Director and Staff in Florence County recently to discuss required datum for digital data submissions. Dr. Lew Lapine was speaker at the March 2nd meeting to discuss datum shift and current accuracy, along with William Hoge, Florence County Planning Director and Crystine Rathburn, GIS Manager.

**Thomas C. Anderson:** No report.

**Tri-County:** See District 5 Director's report.

**Upper Piedmont:** No report.

## DISTRICT DIRECTORS REPORTS:

**District 1:** Defer to Chapter Reports.

**District 2:** Defer to Chapter Reports.

**District 3:** No report.

**District 4:** No report.

**District 5:** Mr. Burnett Jenkins stated that the Tri-County Chapter had their annual December Christmas party with around 30 in attendance. Meetings are held every second Tuesday of the month at Fire Bones in Rock Hill. January meeting speaker was from Duke Power, W. K. Dixon, who spoke on the datum that was used on the Lake Wylie Dam in the early 1900s. February's meeting had around 25 in attendance. Vice President, Hart Weatherford, will be stepping down as he is relocating to the Charleston area. David Thomas will be taking the Vice President's position. Mr. Jenkins gave an update on Mr. Ed Woodward and his health issues at present.

**District 6:** Defer to Chapter Reports.

## COMMITTEE REPORTS:

**Activities:** Mr. Kevin Schwacke reported on the activities for the convention and also the Chapter Cook-Off after this meeting.

**Constitution and By-Laws:** Mr. Lee Frank reported that the committee will continue to work on revisions needed.

**2009 Convention:** Mrs. Brenda Smith reported that final plans are being made for the convention and the committee continues to work with the Kingston for June 11-13th. Thursday will be golf and the President's Reception with Exhibitors from the February conference, Friday will be seminar and lunch with Friday evening free, and Saturday will be the final general membership meeting of the year, survey games and the awards banquet.

**Education:** President Lee Frank reported on the good attendance at the education conference with good reports on all sessions. Exhibitors were very happy with the good attendance which was not the case in surrounding states' conventions and conferences. LLR provided the one hour seminar by Dr. David Gibson to the entire group on Thursday morning as well as funding a portion of Dr. Gibson's seminar for support of SCSPLS efforts in educating the surveyors of South Carolina.

**Ethics & Standards of Practice:** Mr. Bobby Foster reported on the proposed Minimum Standards sent to the Legislature for approval. (See full report on this subject under Legal and Legislative report.) This should be on the next full committee agenda for review.

**Four-Year Degree Program:** No report.

**GPS/VRS:** Mr. Bobby Foster reported that the Pickens VRS site is up and running now. Discussion from the group followed on making sure due diligence is done before working on a job for accuracy.

**Insurance:** Chairman Dennis Clinkscales reported that our general liability insurance has been raised to 2 million. The committee is also looking into Directors and Officers insurance in the near future.

# MINUTES OF SCSPLS GENERAL MEMBERSHIP MEETING (CONT)

**Legal and Legislative:** Mr. Ben Christensen introduced Mr. Joe Jones who submitted a written report and made an oral report as well. Ben Christensen and Bobby Foster were at the House LCI Real Estate Subcommittee Hearing Thursday, March 5, 2009. Jan Simpson, SC State Board of Registration for Professional Engineers and Surveyors Administrator, reported, "The House LCI subcommittee adjourned debate on the Engineer Regulations Thursday morning as a procedural formality. The subcommittee's concerns focused on the Board's proposal to remove caps on fees in 49-103. Knowing that, the Registration Board had already arranged to reinstate the cap to allay their concerns." Susan Duncan, LLR Lobbyist is meeting Thursday afternoon with Legislative Council to get that revision done, so we can withdraw and resubmit almost simultaneously so as not to lose any time. The LCI subcommittee does not need to meet again to reconsider the revised regulations; they will then go on to full Committee after the "switch-out." The regulations were pulled March 5, 2009 and resubmitted with the agreed upon language the same day. The regulation's expiration date is May 16, 2009. If no action is taken or if the regulations are not sent back to the Registration Board, they will be accepted and have the same effect as a law.

The Statute of Repose Law (Tort Reform Bill S.350 and H.3489; Statute of Repose, S. C. Code 15-3-670) is being threatened by a House Bill introduced by Rep. Bakari T. Sellers (D-Bamberg) on Feb. 17, 2009. This bill threatens the state's statute of repose for all involved in the construction industry, including engineers, architects, surveyors and contractors. If the bill passes the statute of repose "would not apply to any action brought by the State of South Carolina or for its benefit." In other words, every construction, survey, engineering report, engineering design, architectural design or construction project done for the state would be subject to a law suit for ever. Such a bill would be the total unraveling of the statute of repose that many have worked to cut to eight years and to project. Furthermore, projects that have been completed, even back to the 1970s and earlier that would now be fair game and all of the professionals that worked on them. Under fair and equal protection, if this bill passed, then it would possibly nullify the statute of repose for private structures and all those projects completed for political subdivisions. The South Carolina Civil Justice Coalition has joined with its construction, engineering and architectural members to actively oppose this bill. Nevertheless, ACEC-SC, SCSPLS and SCSPE members should be aware of this bill and be prepared to help defeat this bill if it begins to show life. Currently, it is in the House Judiciary Committee.

Group also discussed False Claim Act, and DOT Plan Library. Software is available now for SCDOTright-of-way plans, but public has no direct access to these plans at present. Motion made by Mr. Burnett Jenkins that a letter be written by the Society to the DOT explaining the benefits and needs for surveyors to have access to these plans. Mr. Al Whitworth seconded the motion; approved with no opposition.

**Membership:** The membership at present is 540 members. Two Emeritus approved: Warren P. Jenkins – previous Emeritus member renewing for 08-09; Carol B. Baughman – previous

Emeritus member renewing for 08-09.

**Newsletter:** Mr. Dale Swygert reported that the February newsletter has been printed and mailed and final issue will be sent before the convention.

**Past President's Council:** Mr. Bobby Foster reported that the Council will be meeting at the convention. He made a suggestion that the Council meet at each general membership meeting in the future. Topics of discussion will be growing new board members and guide to making changes for the future.

**Plat Contest:** Mr. Dale Swygert reported that the plats this year will be sent to him for his committee to judge. Winners will be announced at the convention.

**Public Relations:** Chairman Chuck Dawley spoke on Surveyors Week and Governor's Proclamation, OCRM permitting process and the Coastal Chapter meeting at which a member of the legislature spoke on the process of presenting Bills and passing of Bills.

**ROD Liaison:** Mr. Al Whitworth reported that there is no money allocated for any meetings of the ROD committee at present.

**S. C. State Parks:** Mr. Mike Culler submitted a written report stating the following: Kings Mountain State Park – No change from November 21, 2008 report; Myrtle Beach State Park – Completed; Paris Mountain State Park – Bobby Foster stated that Buckhorn will be closed all next year and will also discuss the park survey with the current ranger. Mr. Foster suggested that possibly while Buckhorn is closed next year, a group of our state members could come up for the weekend to locate corners of the park for a point to start surveying lines which might have encroachments; Santee State Park – No change from November 21, 2008 report.; Sesquicentennial State Park – Joe McIntyre reported that all lines are marked and flagged where there appears to be encroachments. These areas are along Subdivision boundary lines and should not require any further surveying. Mr. Henry Dingle reported that since we have been working on this project since 2004 and felt we need to finalize the surveys and end this project by next year. Many in the group agreed and suggested that each chapter working on the projects try to finalize soon.

**Scholarship:** Mr. Burnett Jenkins reported that ticket sales are poor at present and only one-half of the expenses have been covered. He encouraged Chapters to push sale of these tickets until the convention when the drawing will take place.

**Survey Contest:** Upper Piedmont Chapter will be in charge of the survey games at the convention.

**Surveyor of the Year:** Mr. Dale Swygert reported on the rules and regulations for Surveyor of the Year which will be printed in the newsletter, accessed on the SCSPLS website and announced at the convention.

**Trade Show:** The February Trade show was a big success with paying booths and complimentary booths. Vendors who exhibited at this February conference will be allowed to have a table-top booth free of charge at the President's Reception at the convention.

**Website:** Mr. Dale Swygert reported that he has updated some items on the website and will work on a calendar and chapter sites. He suggested that all chapters send him information on

## MINUTES OF SCSPLS GENERAL MEMBERSHIP MEETING (CONT)

meetings and upcoming seminars.

**Yearbook:** No report.

### BUSINESS:

**Nominating Committee:** Chairman Mr. Bobby Foster reported for the committee which includes also Larry Beasley and Ben Christensen. The committee will present their nominations at the general membership meeting as follows:

**President Elect:** Dale Swygert; Vice President – Kevin Schwacke; Secretary – Frankie Manhardt; Treasurer – Ben Christensen; District 1 Director – Chuck Dawley; District 3 Director – Tom Abraham; District 5 Director – Burnett Jenkins;

NSPS Governor – Henry Dingle (2 year term). President: Lewis Moore (was elected last year for the three year term of Pres. Elect; Pres., and Past President).

President Frank thanked those in attendance for their support of the Society. With there being no further business, a motion was made to adjourn with a second. Motion unanimously approved.

Respectfully submitted,

Robert Praete, SCSPLS Secretary



## THINGS YOU SHOULD KNOW...

**SCSPLS DUES RENEWALS for 2009-10:** Remember, your SCSPLS dues renewals are due to SCSPLS by July 1, 2009. Invoices were mailed in early April, 2009. Remember, you are not insured under our \$10,000 life and \$10,000 AD&D insurance if dues are not paid (insurance for all except complimentary and student members). This is a great benefit to membership that you should tell to your PLS friends who are not members, especially those with health issues who may not be able to obtain insurance. The insurance is guaranteed issue as a member of SCSPLS. Members receive discounted rates for seminars and conventions as well.

**PLS LICENSURE RENEWAL:** PLS Licensure Renewal is due June 30, 2010. Since LLR will not allow Boards to print and mail newsletters any more, the burden of checking the LLR web site increasingly falls to the licensee to keep up with requirements for maintaining their license and for news related to the profession. LLR will mail information about this process to all registrants in May, 2009. Watch for the upcoming electronic newsletter (to be published in April) which will have a "heads-up" notice about this procedure - [www.llr.state.sc.us](http://www.llr.state.sc.us)

## NOTICE TO FIRMS LICENSED IN SOUTH CAROLINA

March 31 was the license renewal deadline for engineering firms and surveying firms that wish to continue practicing in South Carolina. Online renewal instructions were mailed to each currently licensed firm in February. If you need more information or assistance with online renewal, please contact Stacy Johnson at 803-896-4635 or Adriane Mack at 803-896-4603. You may download a blank renewal form at [http://www.llr.state.sc.us/pol/engineers/PDF\\_Files/2009\\_Renewal\\_COA\\_PaperRenewal.pdf](http://www.llr.state.sc.us/pol/engineers/PDF_Files/2009_Renewal_COA_PaperRenewal.pdf) but you must include ALL information for the firms' main office AND all branch offices, i.e., name, address, phone/fax/e-mail, name and license number of the engineer or licensed surveyor in responsible charge. A check must also be returned with the renewal form. The newly issued license will be valid until March 31, 2011.



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The **2008-09 SCSPLS Yearbook** will be sent to the printer in summer of 2009. Don't miss this opportunity to support your Society and your profession by having your Business Card Ad included in the Yearbook and newsletter. For those members who go the extra mile to assist the SCSPLS in continuing these publications, we offer both the Yearbook and the Newsletter Business Card Ad at a price of only \$100.00. Please return **two business cards** with this ad form. **Deadline is August 1, 2009.**

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<b>June 26</b>	AutoCAD Lunch & Learn Working with Layers & Blocks	<b>October 30</b>	Carlson Lunch & Learn Profiles & Cross Sections
<b>July 10</b>	Carlson Lunch & Learn Lot Design & LotNet	<b>November 20</b>	AutoCAD Lunch & Learn Using Model Space & Paper Space
<b>July 24</b>	AutoCAD Lunch & Learn Sheet Set Manager		
<b>August 7</b>	Carlson Lunch & Learn Field to Finish		
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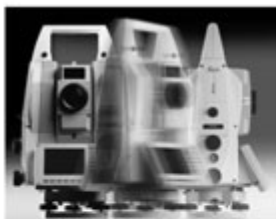
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# Legislative Report

*Joe S. Jones, Lobbyist*

The 2009 General Assembly has been quite different this session. The House and Senate have taken more furloughs this session than in modern times. The saving to the state is about \$50,000 per day when they furlough themselves.

Of course the savings to the State may be important to the budget, but another advantage to the fewer days spent in Columbia means a lot of legislation is not moving, which may be good or bad, depending upon your issues.

As for surveyors' interest, overall the furloughs have been good. There is a bill in the House of Representatives that would have removed the statute of repose for all government work. That bill is not going anywhere this year; however, we will have to watch it next session to be sure it does not move.

The Engineer and Surveyor Regulations are in good shape. The House Labor Commerce and Industry Committee (LCI) chose not to bring them from subcommittee to the full committee but are allowing the 120-day deadline to pass without action.

The Senate LCI took testimony in a subcommittee where Joe Jones, Jan Simpson (Registration Board Administrator) and Bob Sellman (Labor Licensing and Regulation) testified and answered questions from the Senators. A full LCI meeting was scheduled for mid April but was cancelled. The regulations were

on that agenda; another meeting has not been scheduled. The Senate committee may simply let the 120 deadline pass without further action as well.

Tort Reform, which was introduced in the House and Senate, has been purposely set aside until next January. The House and Senate leadership have agreed to use the interim between this session and the next to give the legislation a full airing with the intention for action in January, 2010.

The False Claims Act has not moved this session, but the engineering/surveying and the SC Civil Justice Coalition are watching it carefully. The False Claims Act, if passed, is potentially harmful to businesses because it creates an incentive for lawsuits to target companies that do business with the government. It is in the Senate Judiciary Committee.

SCSPLS has been working on an issue outside the State House. SCSPLS and the SC Council of Engineering and Surveying Societies have petitioned SCDOT Secretary Tony Chapman to allow surveyors, engineers and other licensed professionals access to SCDOT information via the Internet. Letters from both groups have been written and received by Mr. Chapman, and we are awaiting a decision from the SCDOT.

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## Proposed Changes to Regulations

### **This is an update on "proposed" Regulations for the Board of Engineers and Surveyors:**

As of this writing, it appears the proposed Regulations will "time out" on May 16, meaning the legislature is going to let them become law without further committee/legislative review. However, they are not really "law" until they are published in the State Register which will not happen until the end of June. LLR will publish the final version on our web site.

Jan B. Simpson, Administrator  
SC Board of Engineers and Surveyors  
p: 803-896-4412 f: 803-896-4427

[www.llronline.com/pol/engineers](http://www.llronline.com/pol/engineers)

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## FEMA Update

FEMA's new Elevation Certificate (EC) was approved for use, effective March 16, 2009, through March 31, 2012. The new EC will be phased in on a voluntary basis until March 31, 2010. Although the old version of the form is no longer available for distribution, existing copies may be used until March 31, 2010. Elevations certified on or after April 1, 2010, must be submitted on the new form. The form may be obtained by using the following link: <http://www.fema.gov/business/nfip/elvinst.shtm>.



## WELCOME NEW MEMBERS

The following new members were approved at the SCSPLS Board of Directors board meeting on March 7, 2009

**Full:** Frank D. Baker, Woolpert, Charleston, SC; Greg F. Cunningham, Stantec Consulting Services, Georgetown, SC; Stephen S. Dyer, The ISAACS Group, Charlotte, NC; Thomas M. Grham, Jr., Southern Partners, Inc., Augusta, GA; Embree S. Griner, Jr., U.S. Group, Inc., Columbia, SC; Joddie Porth, HGBD Surveyors, LLC, Columbia, SC; Gary J. Stroble, Coleman-Snow Consultants, LLC, N. Charleston, SC; Robert S. Templeton, Templeton Land Surveying, Inc., Laurens, SC

**Associate:** Jeffery D. Ashcraft, B. P. Barber, Columbia, SC; Russell Bagwell, Forsberg Eng. & Surveyors, Inc., Charleston, SC; Eugene M. Breazeale, Ernest R. Bryan, Trenton, SC; David G. Brown, EAS Professionals, Inc., Greenville, SC; Michael L. Crews, Winslow Surveying, Andrews, SC; Franklyn W. Fairey, IV, Engineering Technical Services, Pawley's Island, SC; Joshua B. Huntley, Huntley & Associates, Inc., Surfside Beach, SC; Augustus (Gus) N. James, A. N. James Surveying and Mapping, Inc., Gold Hill, NC; Kevin A. Jones, US Constructors, W. Columbia, SC; Robert Jason Moore, Island Surveying, Inc., N. Charleston, SC; Anthony W. Nettles, Kallahan & Associates Engineers & Surveyors, Inc., Kingstree, SC; William J. Schumpert, Retired, Leesville, SC

**Sustaining:** Paul Abrams, SmartVENT, Inc., New Jersey

**Student:** Matthew McClain, Midlands Technical College; Stanley K. Sweatman, Midlands Technical College; Nicholas Harper, Midlands Technical College

**Complimentary:** J. Jason Cox, Thomas & Hutton Engineering Company, Myrtle Beach, SC; Adam D. Foster, Stantec, Monroe, NC; Byron Gaskins, Kellahan & Associates, Kingstree, SC; Nancy F. Hopper, Thomas & Hutton Engineering Company, Charleston, SC; Nolan M. Martin, Cox & Dinkins, Columbia, SC

**Emeritus:** Carol B. Baughman, Palm Coast, FL; Warren P. Jenkins, Mt. Pleasant, SC

## IN MEMORIAM LARRY THOMAS WOLFE

JUNE 15, 1966 –  
MARCH 22, 2009



## CONGRATULATIONS TO HENRY DINGLE

WHO RECEIVED THE 3RD PLACE AWARD IN THE 2009 NSPS CONTEST PLAT/MAP CONTEST IN THE SUBDIVISION PLATS CATEGORY. AWARD WAS PRESENTED AT THE NATIONAL CONFERENCE IN SALT LAKE CITY.

## CONFERENCE & TRADE SHOW A SUCCESS!

The SCSPLS held its annual Trade Show during the 2009 Educational Conference, with 247 registrants in attendance and 17 Exhibitors and 23 booths. The 2009 Conference and Trade Show was a true success! Thank you to all of those who attended and supported the efforts of SCSPLS!

## EXHIBITOR PRIZE WINNERS!

Below are the prizes won during the 2009 Conference and Trade Show Exhibitor's Social. Please forgive us if you were left out!

ALLEN PRECISION - Schonstedt: TERRY HACHELL  
CAROLINA RESOURCE MAPPING - Picture Frame:  
BURNETT JENKINS  
CONTINENTAL AERIAL - Tool Set: DAVID GASQUE  
DUKE ENERGY - \$50 Dick's Sporting Goods Gift Certificate:  
BURNETT JENKINS  
DUNCAN-PARNELL - GPS Garmin: TODD TAYLOR; Vest:  
BEN CHRISTENSEN  
E & O LIABILITY - Tape: BRUCE KING; Vest: WAYNE  
REYNOLDS  
EAGLE POINT - Chair: BILL TRIPP  
GEL GEOPHYSICS - Shirt & Hat: CARL BOSTICK  
HAYES INSTRUMENTS - Surveying Equipment: ARTHUR  
HOLLADAY  
IMC - Air Compressor: FRANKIE MANHARDT  
SCDEC - Disk: DAVID YOUMANS; Shirt: HOMER MASON;  
Pin: NATHANIEL DOWNING  
SMARTVENT - Level: MILTON WINSLOW, DAVID  
MODNEY  
TPM - \$25 Chili's Gift Card: BILL TRIPP

# THANKS TO OUR 2009 TRADE SHOW EXHIBITORS

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CONTINENTAL AERIAL SURVEYS, INC.  
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DUNCAN-PARNELL, INC.  
E & O LIABILITY CONSULTANTS, INC.  
EAGLE POINT SOFTWARE/SMI  
GEL GEOPHYSICS, LLC  
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*EXHIBITORS AT THE FEBRUARY CONFERENCE WERE INVITED TO EXHIBIT  
DURING THE PRESIDENT'S RECEPTION AT THE CONVENTION. BE SURE TO VISIT THEIR  
EXHIBITS WHEN ATTENDING THIS TICKETED EVENT.*

## *Thank You!*

Thanks to all those on the *Education Committee* who helped make the March Conference and Trade Show at the Radisson Hotel & Conference Center in Columbia, SC a success!

Thanks to the *Midlands Chapter* for the donation of the American flag that can be a part of all of our seminars and meetings.

Thanks to *Foothill's Chapter* for hosting the Chapter Cook off on March 7, 2009 at Camp Buckhorn, that was full of fun, socializing with fellow surveyors and their families in the Foothill's atmosphere and most of all, wonderful food from around the state. Thank you also to all the Chapters that were represented in the Chapter Cook-Off, it would not have been a success without you! Also, another great big Thank you to *Nate McNamara* of *Allen Precision* for the catered lunch held in between the Board and General Membership Meetings at Buckhorn. The food was delicious...Thanks again Nate!

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# Summer Safety

When working in the hot summer months, outdoor workers need to protect themselves from the sun, heat and many other hazards that come along with the season. Both employers and employees need to understand the possible hazards that surround their workplace and how to prevent and manage them. According to OSHA, every employer and employee should be aware of these five summertime hazards:

- Sun Exposure
- Heat
- Lyme Disease/Tick-Borne Diseases
- West Nile Virus
- Poison Ivy/Related Plants

Sun can happen anytime of the year. Working out in the sun day after day puts surveyors at risk for many types of skin cancer, yet many fail to make sun protection part of their safety routine. Each day, field surveyors are exposed to the sun dehydration, sun stroke, snakes, etc., but in most cases, sun protection, skin care and skin cancer identification is hardly mentioned. Each morning equipment safety check includes first sun protection, hard hat, safety glasses, steel toe boots, and any other gear that is necessary to perform the work. Some ways to shield the sun are:

- Make sure the body is covered up. Wear loose-fitting, long clothing.
- Make sure to wear at least 30 SPF.
- Wear a wide brim hat that will cover the whole head.
- Protect the eyes with UV absorbent sunglasses.
- Try to limit exposure as much as possible. UV rays are most intense between 10 a.m. and 4 p.m.

One of the biggest threats during the summer months is the heat. When combined with humidity, the health threats posed are even more serious. Heat stress can result in heat stroke, heat exhaustion, heat cramps, or heat rashes. Heat can also increase the risk of injuries in workers as it may result in sweaty palms, fogged-up safety glasses, and dizziness. Here's how to minimize the risk to heat:

- Drink small amounts of water multiple times a day.
- Wear light-colored and loose fitting clothing.
- Eat smaller meals.
- Take frequent breaks.
- Avoid caffeine.
- Ask a health-care provider if certain medications could affect one's reaction to the heat.

Worksites with woods, bushes, high grass, or leaf litter are likely to have more ticks. Outdoor workers should be extra careful to protect themselves in the late spring and summer when young ticks are most active. Lyme disease and other illnesses are transmitted by bacteria from bites of infected deer ticks. In most cases, the victims will see a "bulls-eye" rash and experience flu-like symptoms. For more information on tick removal go to: [http://www.cdc.gov/ticks/tick\\_removal.html](http://www.cdc.gov/ticks/tick_removal.html) Protect yourself with these precautions by:

- Wearing light colors will allow the tick to stand out better.
- Wear long sleeves and tuck pants into boots.
- Cover feet completely.
- Make sure to wear a hat.
- Use tick repellants.
- Shower right after work and wash clothes at a high temperature.
- Examine body after work. If one is spotted, remove it with fine-tipped tweezers.

The health effects of stinging or biting insects or scorpions range from mild discomfort or pain to a lethal reaction for those workers allergic to the insect's venom. Anaphylactic shock is the body's severe allergic reaction to a bite or sting and requires immediate emergency care. Thousands of people are stung by insects each year, and as many as 90–100 people in the United States die as a result of allergic reactions. This number may be underreported as deaths may be mistakenly diagnosed as heart attacks or sunstrokes or may be attributed to other causes. West Nile virus is transmitted by a bite from an infected mosquito. There are mild and severe symptoms. Mild symptoms include fever, headache, body ache, skin rash and swollen lymph glands. Severe symptoms include high fever, neck stiffness, stupor, disorientation, coma, tremors, convulsions, muscle weakness and paralysis. Remember these precautions:

- Apply insect repellent with DEET or Picaridin.
- Spray clothes with repellents containing DEET or permethrin, a common synthetic chemical used as an insect repellent. Do NOT spray permethrin directly on exposed skin.
- Wear long sleeves and long pants.
- Be alert at dusk and dawn when the mosquitoes are most active.

Poison ivy, along with poison oak and poison sumac, has poisonous sap in their roots, stems and leaves. About 85% of the general population are allergic to these plants and, if exposed, will develop a rash on the affect area. Although over-the-counter topical medications may relieve symptoms for most people, immediate medical attention may be required for severe reactions, particularly when exposed to the smoke from burning these poisonous plants. Burning these poisonous plants can be very dangerous because the allergens can be inhaled, causing lung irritation. To try and reduce the risks of exposure follow these precautions:

- Wear long sleeves, pants and gloves.
- Apply barrier creams to exposed skin.
- Educate workers to identify the plants.
- Educate workers on signs and symptoms.
- Keep rubbing alcohol on hand. It removes the oily resin up to 30 minutes after exposure.



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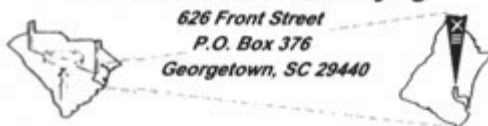


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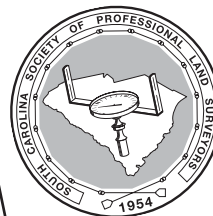
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