

8 1st Annual SLSI Land Surveyors Conference

Thursday-Friday ~ March 8-9, 2018

Scheman Building ~Iowa State University ~Ames, IA

www.SLSI.org



SLSI Purpose:

- To advance the science of land surveying and mapping
- To raise the standards of land surveying practice
- To advance the professional status and economic welfare of land surveyors
- To contribute to the public education of the necessity for professional land surveying
- To establish a central source of reference for land surveyors

Register online at www.slsi.org

**(Members Must Login With Current Username & Password to Receive Member Rates)*

Earn 13.5 Professional Development Hours

AGENDA

THURSDAY, MARCH 8, 2018

8:00 AM REGISTRATION/EXHIBITS OPEN FOR VIEWING
Scheman Building, first floor lobby

Thursday Session - Presiding: Paul Herold, PLS, Immediate Past President, SLSI

9:00 WELCOME AND INTRODUCTIONS OF EXHIBITORS

9:15 NEW DATUMS-REPLACING NAVD 88 NAD 83
Dave Zenk, PE, PLS, National Geodetic Survey

NAD 83 and NAVD 88, although still the official horizontal and vertical datums of the National Spatial Reference System (NSRS), have been identified as having shortcomings that are best addressed through defining new horizontal and vertical datums. The new reference frames (geometric and geopotential) will rely primarily Global Navigation Satellite Systems (GNSS) such as the Global Positioning System (GPS) as well as an updated and time-tracked geoid model. This paradigm will be easier and more cost-effective to maintain. Learn how the new datums may affect your work and how to prepare for the future.

10:00 BREAK - EXHIBIT ROOM

10:30 IELSEB UPDATE
Eric Green, JD, PLS, IELSEB Board Member

10:45 IOWA LAND RECORDS UPDATE
Phil Dunshee, PMP, MPA, Project Manager, Iowa Land Records

An update on Iowa Land Records regarding any changes and best practices in electronic filing.

11:15 SLSI BUSINESS MEETING
Major Reports to SLSI Membership

12:00PM LUNCH

- Gavel Exchange
- Present SLSI Awards & Scholarships

1:00PM TITLE INSURANCE & BOUNDARY SURVEYS
Jeff Lucas, PLS

The two most important documents relative to the ownership of property may be the Title Insurance Policy and the Boundary Survey. But what do these documents actually do for the property owner? What does the title policy actually cover and what doesn't it cover? Does the survey of the property create and assurances for the land owner? What is the role of the ALTA /ACSM Land Title Survey? These documents and other related matters will be discussed in order to answer these and other important questions.

2:30 BREAK - EXHIBIT ROOM

3:00 TITLE INSURANCE & BOUNDARY SURVEYS (CONTINUED)
Jeff Lucas, PLS

5:00 SOCIAL HOUR/CASH BAR - EXHIBIT HALL

6:00 LIVE AUCTION - HEAVY HORS D'OEUVRES & CASH BAR-LOBBY

Various surveying related, and non-related, items will be auctioned off to help raise money for the SLSI Scholarship fund.

AGENDA

FRIDAY, MARCH 9, 2018

7:30AM CONTINENTAL BREAKFAST
Scheman Building, Exhibit Hall

Friday Session - Presiding: Terry Coady, PLS, Vice President, SLSI

8:00 BOUNDARY RETRACEMENT-THE LATEST CASES - Jeff Lucas, PLS

The vast majority of surveying work being performed by land surveyors in the modern era is retracement surveying. Original surveying work is still be performed, but nothing like when the United States was young and large grants in the east were being subdivided into smaller and smaller tracts, or when the vast public domain consisting of 1.5 billion acres of land was subdivided into one-mile squares. This course will study the latest case law on boundary retracement and the ramifications to the retracing surveyor. Real-world examples will be examined and alternative solutions will be discussed in a classroom environment.

9:45 BREAK-EXHIBIT ROOM

10:15 BOUNDARY RETRACEMENT-THE LATEST CASES (CONTINUED) - Jeff Lucas, PLS

12:00PM LUNCH

1:00 THE PINCUSHION EFFECT - THE MULTIPLE MONUMENT DILEMMA IN AMERICAN LAND SURVEYING - Jeff Lucas, PLS

The "pincushion" corner is the name that has commonly been assigned to the phenomenon of multiple monuments that have been placed in the vicinity of a single land boundary or property corner. The pincushion corner is the bane of the land surveying profession because it represents the physical manifestation of the land surveyor's collective confusion over his or her duties and responsibilities toward property boundaries. Within the context of the land surveyor's duties and responsibilities toward boundaries, there is no reason for multiple monuments to exist when only one corner is contemplated under the law. This seminar explores the phenomena of the pincushion corner and the dilemma it creates for the land surveying profession. The surprising causes of the pincushion corner will be discussed and ways to avoid starting a new pincushion or adding to an existing one will be explored.

2:45 BREAK

3:00 THE PINCUSHION EFFECT... (CONTINUED) - Jeff Lucas, PLS

4:30 ADJOURN

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THURSDAY & FRIDAY SPEAKER

Jeff Lucas, PLS



Jeffery N. Lucas is in private practice in Birmingham, Alabama. Lucas has been in the surveying business since 1976. He is a licensed land surveyor registered in Alabama, Florida, Georgia, Mississippi and Tennessee. Lucas is a licensed attorney and member of the Alabama State Bar since 2003. Lucas specializes in land

boundary issues as an attorney, land surveyor, consultant, mediator and expert witness. He has been a seminar leader on surveying topics that include ALTA/ACSM standards, boundary law, law of easements, water boundaries, surveying evidence and procedures, expert witness testimony, business law, contract law, torts and liability. He has over 30 titles that he has developed in his seminar library. Lucas is the author of "Alabama Boundary Law" (ISBN: 978-0-557-53328-2) and "The Pincushion Effect, The Multiple Monument Dilemma in American Land Surveying," (ISBN: 978-1-257-86758-5). He just recently finished the manuscript for the "Illinois Boundary Law" book that will be featured in February, 2013, at the Illinois Professional Land Surveyors Association (IPLSA) conference in Springfield, Illinois. He has also authored over 100 articles on surveying and boundary issues and writes a regular column for P.O.B. Magazine since 2004.

AUCTION ITEMS



Help the Iowa Surveyor's Foundation! Feel free to donate items for the annual meeting auction benefiting the Iowa Professional Surveyor's Foundation scholarships. Items auctioned in the past have included everything from old

surveying equipment and books to such things as sports memorabilia and computer software. Please contact Justin Scott at the state office with item description @ 515-284-7055 or email at INFO@SLSI.ORG.

HOTEL RESERVATIONS

Lodging in Ames: Please make your own lodging arrangements. Lodging in and around Ames can found at

[WWW.VISITAMES.COM/COME AND STAY/](http://WWW.VISITAMES.COM/COME_AND_STAY/)

For questions about the program, registration, etc. please contact the SLSI state office at 515-284-7055 or by email at info@slsi.org

*PHOTO COMPETITION - PRIZES

A new addition to our annual meeting - a photo competition! We hope to make this annual event, but that depends on your participation. **There will be three categories**, only one of which may require



any photographic talents. However, the one requirement is all photos must have been taken by the person submitting the photo

Category 1 – Surveying Related Photos

This is a broad category. It could be an interesting or humorous photo of surveyors at work, or unusual surveying challenges or, maybe surveying equipment.

Category 2 – Monumentation

Photos may be interesting discoveries you have made when searching or finding monumentation. These photos may have a historical significance or, maybe, just made you laugh or scratch your head in wonder.

Category 3 – Scenic

This category is for the land surveyor who not just enjoys the challenge of land surveying, but sees the beauty in the scenery in which you practice your profession.

To Enter:

1. Send SLSI an "intent to enter" notice to info@slsi.org identifying an estimate of the number of photos you may submit.
2. Bring a copy of the photo(s) to the annual conference. Photos must be 8x10.
3. The photos will be on display at the annual conference. Attendees will be given the opportunity to vote on their favorite(s) throughout the day on March 8.
4. The winning photos will be auctioned on Wednesday night at the SLSI Foundation auction. The photographers will be asked to provide the winning bidder with an electronic version of the photo so the winning bidder may choose to have the photo printed in a different size at their own expense.
6. The winner of each category will receive \$50 and a receipt for a tax-deductible contribution for the amount the photos sell for at the auction.

TO REGISTER: REGISTER ONLINE @

WWW.SLSI.ORG BY CREDIT CARD OR CHECK! PAPER REGISTRATIONS – A

Processing fee of \$20: To register by paper, complete the form and mail with check to SLSI at address listed on registration form.

CANCELLATIONS

Receive a refund minus a \$20 administrative fee if you cancel your registration by March 1, 2018. No refunds will be made after March 1; may substitute at any time. Due to the statewide audience of this conference, planning involved and Iowa State Center deadlines, this program will proceed as planned regardless of weather. Refunds will not be given for no-shows.

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SOCIETY OF LAND SURVEYORS OF IOWA
 100 COURT AVENUE, SUITE 203
 DES MOINES, IA 50309

81st Annual Land Surveyors Conference March 8-9, 2018 - Ames, Iowa

TO RECEIVE THE SLSI MEMBER RATE - SIGN IN AND REGISTER ONLINE @

WWW.SLSI.ORG PAY BY CREDIT CARD OR CHECK.

PAPER REGISTRATIONS: **\$20 PROCESSING FEE** (To register by paper, complete form and mail with check to SLSI):

First Name _____ Last Name _____

Company/Organization _____

Mailing Address _____

City _____ State _____ Zip _____

Phone # _____ Fax _____ Email _____

REGISTRATION FEES: *Includes program materials, all meals and breaks on both days, along with the reception.*

***Please indicate (X) if you will be attending the Auction/Reception on Thursday evening March 8, 2018:**

	<u>BY MARCH 1, 2018</u>	<u>AFTER MARCH 1, 2018</u>
<input type="checkbox"/> SLSI Member	\$275	\$290
<input type="checkbox"/> Non-member	\$330	\$360
<input type="checkbox"/> SLSI Honorary & Life Members	\$100	\$115
<input type="checkbox"/> Students (SLSI Member)	\$45	\$65
(Non Member)	\$65	\$85
<input type="checkbox"/> *Add \$20 if NOT Registering Online	\$20	\$20
TOTAL PAYMENT	\$ _____	\$ _____
Method of Payment		
<input type="checkbox"/> Check: Payable to SLSI Check # _____		

REGISTER ONLINE @
WWW.SLSI.ORG OR
add \$20 Processing Fee
for Paper Registrations
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 Suite 203, Des Moines, IA
 50309
 ?'s: Call 515-284-7055

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