



MALSCE News

A monthly Massachusetts Association of Land Surveyors and Civil Engineers member newsletter.

September 2017

MALSCE Sustaining Members: Carlson Software, Col-East International Ltd., Eastern Topographics, FARO Technologies Inc., Golden Aerial Surveys, Keystone Precision Instruments, Maine Technical Source, Schofield Brothers LLC, Spiller's, Vortics Imaging, Waypoint Technology Group.

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Upcoming Events

Proprietors' Council Luncheon

Friday, October 27, 2017
The Engineering Center
One Walnut Street, Boston MA
02108

Discussion Topic:
*Leading our Industry and
Advising MALSCE*

Moderator:
Michael Feldman
President and CEO, Feldman
Land Surveyors,
Chair, MALSCE Proprietors'
Council

For more information and to register, [click here](#).

Upcoming MALSCE Seminars

Let's Get Things Straight! The Truth about True Ortho

By James Eddy, President, Col-East

We in the aerial survey industry throw phrases like "orthorectification", "aero-triangulation", and "auto-correlation" around, expecting or assuming the rest of the world to know what we are talking about. I guess it is the same in most industries; we all have our specific words and phrases, so perhaps I should start from the beginning.

When I talk about aerial survey, I am specifically talking about aerial photography from a piloted fixed wing aircraft. Over recent years this has become commonplace thanks to, for example, Google Earth and Bing Maps, despite many users assuming it is all satellite imagery. It has also been overshadowed by more exciting sensors like LiDAR, hyperspectral, infrared and, dare I say it ... UAVs (or drones). Aerial surveyors fly around the country taking many hundreds of thousands of aerial photos with specialized, and very expensive, survey cameras. These photos are then the raw materials for a host of other derived products, which are used for applications as diverse as map making, urban planning, flood modelling, and wind farm modelling.

[Read More](#)

Professional Land Surveyor Refresher Course

Saturday, October 14, 2017

Save the dates for these upcoming MALSCE seminars, which are scheduled to be held at Clark University's MetroWest Campus as follows:

November 3, 2017
Basic Field Theory for Technicians - Mechanics of Measurement
Richard Vannozzi, MS,
PLS, Wentworth Institute of Technology

December 1, 2017
2020 Datums
Daniel Martin, PE, Louis Berger

February 16, 2018
Advanced Survey Math
Joseph McNichols, PLS

May 18, 2018
Basic Error Propagation for Technicians
Richard Vannozzi, MS,
PLS, Wentworth Institute of Technology

Affiliated Programs

NSPS Certified Survey Technician (CST) Program

The NSPS Certified Survey Technician (CST) Program continues to grow nationally and has been successfully integrated into the credentialing, hiring and promotion systems of numerous public entities and private firms around the country. Those interested in learning more about how the program works and its benefits should first visit the MALSCE [resources page](#) where there are links to the NSPS website and the "[Program Book](#)".

Rich Vannozzi, NSPS director representing MALSCE, serves as the CST state coordinator, so if you are interested in more information, please email him at arvannozzi@gmail.com. Rich has taught CST Level I and Level II prep courses and has proctored both exams a number of times, and is more than happy to help any MALSCE members wishing to become

The Engineering Center, One Walnut Street, Boston,
MA 02108
7:45 AM - 8:00 AM Registration
8:00 AM - 5:00 PM Courses

MALSCE is offering a day-long review course for Professional Land Surveyor candidates who are planning to take the Principles and Practice of Surveying Exam in the fall.

Subjects to be covered:

- * 250 CMR
- * Subdivision Control Law/Zoning
- * Exam Format and Preparation
- * Massachusetts Boundary Law/Statutes

Enrollment is limited, so register today!

[Register Online](#)

[Download Flyer / Registration Form](#)

MALSCE Updates

Renew your MALSCE membership today!

MALSCE leaders would like to thank all MALSCE dues-paying members who have paid their fiscal year 2018 dues. Your timely payment helps ensure that MALSCE has the financial support that is needed to sustain its operations.

Second notices of fiscal year 2018 dues were mailed out last week. Prompt payment of your dues invoice will ensure that you continue to receive the numerous benefits that MALSCE has to offer through July 1, 2018. These include membership in the National Society of Professional Surveyors (NSPS) for a nominal fee; discounted registration fees for MALSCE-sponsored programs; invitations to meetings where you can meet with and learn from your peers; opportunities to have input on legislative and regulatory matters impacting the land surveying and civil engineering professions; and periodic email communications that keep you informed about your chosen profession.

If you did not receive or retain your MALSCE dues invoice, and would like to receive another copy, click the button below.

[Request a New Invoice](#)

Join the MALSCE Proprietors' Council

Join the growing list of MALSCE members who represent their company as a member of the

CST's or organizations interested in integrating CST Program elements into their personnel credentialing systems.

Affiliate Association Events

North East Surveying Societies Conference

Held in conjunction with Connecticut Association of Land Surveyors 50th Annual Meeting

Friday & Saturday, November 3-4, 2017

Sheraton Hotel, Rocky Hill, CT

[More info](#)

Rhode Island Society of Professional Land Surveyors

RISPLS Annual Convention

Friday, November 17, 2017

More info to come!

Help Wanted

DGT Survey Group

Boston, MA

Survey Project Manager

Qualifications: Must have advance survey knowledge with 5+ years of survey experience on complex boundary and/or construction projects. A civil engineering or survey engineering degree with SIT, EIT, PE or PLS is preferred, or currently pursuing professional licensure. Must be proficient with AutoCAD, Carlson, and/or survey calculation software.

Must be a responsible and honest team member or leader with good inter-personnel and management skills. Must also work well with others, speak clearly and concisely, and be able to manage multiple projects and clients.

Candidate must have a valid driver's license and the ability to commute to and from the office

MALSCE Proprietors' Council. Under the leadership of its chair, [Michael A. Feldman](#), Feldman Land Surveyors, the MALSCE Proprietors' Council has demonstrated an ongoing commitment to helping MALSCE grow and thrive, Proprietors' Council members have the opportunity to work with leaders from across the Commonwealth to help define the direction of MALSCE. There are also opportunities to hear from clients and bounce ideas off of peers regarding staffing, business opportunities, marketing and sustainability in our industries. To learn more and to join the Proprietors' Council, [click here](#).

Become a MALSCE Sustaining Member

With member benefits that extend beyond the current fiscal year, MALSCE is pleased to offer its 2017-2018 Sustaining Membership Program. Promote your company to over 400 MALSCE members and demonstrate your support of the land surveying profession by becoming a sustaining member today! For \$500, your company can become a sustaining member for a 12-month period, which begins on the date that your Sustaining Membership payment is received. To learn more about the program and its promotional benefits and to enroll, [click here](#).

MALSCE Education Trust Scholarships

The MALSCE Education Trust was founded to enhance the profession of land surveying and civil engineering in Massachusetts by providing scholarship and education grants for the students of land surveying and civil engineering who are Massachusetts residents. The Trust is currently accepting applications for three scholarships, detailed below.

The Survey Certificate Program Scholarship is awarded to students currently enrolled in an accredited Land Surveying Certificate Program.

The Memorial Scholarships are awarded to students presently enrolled full time (days) as an undergraduate in an accredited college, university, junior college, technical institute or community college and majoring in land surveying, civil engineering, or environmental engineering.

The UMaine Scholarship is awarded to a Massachusetts resident who is an incoming freshman (or transfer student) enrolled in the University of Maine Surveying Engineering Technology program (SET/SVT).

The deadline for all of these scholarship applications is October 31, 2017. For more information, including the requirements and applications to all of the above listed scholarships, [click here](#).

or other job locations on a daily basis. Knowledge of the Boston-metro area and local professional boundary and construction survey standards and customs a plus.

For more information follow the link below:

[Survey Project Manager Job Listing](#)

Feldman Land Surveyors

Boston, MA

Land Survey Technician - Field Chief / Instrument Operator (\$1000 Signing Bonus)

Feldman Land Surveyors is searching for Land Survey Field Surveyors to work out of our Boston, Massachusetts office.

Responsibilities:

Perform field work for boundary surveys, ALTA/NSPS Land Title surveys, existing conditions, construction surveys and as-built surveys.

Skills and Abilities required:

Able to work outdoors in all conditions

Quick learner and open to learning new methods of surveying including 3D Laser Scanning.

Feldman Land Surveyors is a well-established, specialty survey firm. We are looking for top-notch professionals who are dedicated to the field of Land Survey. We always look to hire team members who want to become leaders in our profession. Most of our staff is cross-trained in field and office activities and this keeps us flexible and ready to take on all projects.

We have a fast-paced environment which is both fun and challenging and we need this to properly service our clientele. We are also a third generation family owned business dedicated to providing a respectful work environment that also understands work/life balance.

Benefits include paid holidays, vacation time, sick/personal

MALSCE News is Seeking Topical Articles

Did you have a particularly challenging project? Have a technical matter to discuss? Do you have a perspective on the profession you'd like to share? Your colleagues are waiting to learn from your experience. Submit an article for publication in MALSCE News.

MALSCE is seeking topical articles for publication in future issues of MALSCE News. While we cannot promise to print everything submitted, if you've written something you'd like to share with your fellow MALSCE members, forward it to Rich Keenan at rkeenan@engineers.org.

Choose a Topic for an Upcoming Seminar

MALSCE is seeking to identify, develop and provide educational programs that are intended to address the professional development needs of its members.

Recent programs include the FEMA Elevation Certificate, surveying with UASs and UAVs, boundary law and basic boundary determination principles, legal perspectives on land surveying issues, and preparing for the Fundamentals of Surveying and Professional Land Surveyor Exams. If you would like to recommend a topic and/or speaker for a full or half-day MALSCE Seminar, contact

[MALSCE Past-President Sean Ewald](#).

Surveying News

NSPS Collecting Donations for Hurricane Harvey Disaster Relief

Joseph M. Dolan, PLS, NSPS Foundation Chair released a letter requesting donations to NSPS's Disaster Relief Fund to assist fellow professionals in recovering from the flooding in Texas and Louisiana caused by Hurricane Harvey. To see his full letter and learn more about how to donate, click [here](#).

days, medical, dental, short and long term disability insurance, 401K plan with company match.

Send resume to
careers@feldmansurveyors.com

Including a help-wanted advertisement of up to 200 words in MALSCÉ News is a free MALSCÉ Proprietor's Council member benefit. The fee for all other MALSCÉ members and non-members is \$150. If your company has a job opening that it would like to promote, please forward a brief job description (i.e., less than 200 words), which can include a hyperlink to a more detailed job overview and application process, to MALSCÉ at malsce@engineers.org.

MALSCÉ News is a monthly publication of the Massachusetts Association of Land Surveyors and Civil Engineers that is produced by Ruthi Burgess, Abbie Goodman, and Richard Keenan with thanks to MALSCÉ President Paul Foley. This newsletter highlights the program and activities of MALSCÉ and reports on national and local matters of interest to land surveyors and civil engineers. While we cannot promise to print all news items that we receive, if you have one to share with your fellow MALSCÉ members please forward it to Rich Keenan at rkeenan@engineers.org.

Questions or comments?

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