



MALSCE News

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

February 2020

MALSCE Sustaining Members: Airworks Solutions, Inc., Allen & Major Associates, Inc., Beals and Thomas Inc., Bluesky Geospatial Limited, BSC Group, Inc., Carlson Software, DGT Associates, Eastern Topographics, Feldman Land Surveyors, Keystone Precision Instruments, Maine Technical Source, Nitsch Engineering, Samiotes Consultants Inc., Smart Vent, Inc., Spiller's, VHB, Inc., Waypoint Technology Group, Wentworth Institute of Technology

Registration Deadline Extended for the Spring 2020 PLS and SIT Refresher Courses

Saturday, March 14, 2020
Doubletree by Hilton Leominster,
Leominster, MA

In conjunction with the 2020 Convention, MALSCE is offering day-long review courses for Surveyor-in-Training and Professional Land Surveyor candidates who are planning to take the Fundamentals of Surveying Exam or the Principles and Practice of Surveying Exam in the fall. Enrollment is limited, so register today!

[Click here for PLS Refresher Course](#)
[Click here for SIT Refresher Course](#)

Artificial Intelligence in

MALSCE News

Register Today for the 2020 MALSCCE Convention 20/20 Foresight

Brought to you by the Cape Cod Chapter
Friday and Saturday, March 13 & 14, 2020

DoubleTree by Hilton Leominster

7:00 AM - 10:00 PM Friday

7:00 AM - 1:30 PM Saturday

Organized under a theme of 20/20 Foresight, confirmed 2020 MALSCE Convention sessions include:

- New Datums - What You Need to Know with Only Two Years to Go
- Lidar for Surveyors
- MALSCE Proprietors' Council - Pulse of Business
- Know When to Hold 'Em and Other Procedural Pitfalls (Parts I and II)
- Locally Accessible Land Surveying Educational Options
- Alternative Septic Insights
- Flood Resistant Design & Construction – 9th vs. 10th Edition Building Code
- What MALSCE is Doing for you

The 2020 Convention will also include convention exhibits (19 Committed), a murder mystery Dinner,

Civil Engineering and Land Surveying: Man, vs Machine?

By Adam Kersnowski, Co-Founder and COO, Airworks Solutions, Inc.

Airworks' proprietary machine learning and aerial mapping technology reduces aerial dataset conversion time and churns out CAD linework, topography in a few hours' time.

Any industry can benefit from moving towards automation, especially since the time, cost and labor-intensive work required to complete one project are typically significantly reduced. In the civil engineering and surveying fields, products like AirWorks automate the costly and monotonous task of turning aerial datasets into the remarkably detailed CAD drawings needed to get a project off the ground.

[Click here to read more](#)

Affiliate Association Events

NHLSA Spring Quarterly Business Meeting & Seminar

Thursday, March 19, 2020
The Falls Event Center, 21 Front St, Manchester, NH
7:30 AM - 4:00 PM

The lineup consists of representation from UNH GRANIT, the Registry of Deeds Laredo, and NRCS soil maps. In addition, Paul Alfano will be returning for an encore presentation that was

networking breaks, as well as a MALSCE Education Trust benefit auction.

[Click here to learn more](#)

Enter the 2020 Plan Contest

The 2020 MALSCE Convention features a plan contest where participants are invited to submit plans in multiple categories to be displayed and voted on by convention attendees. Award-winning plans will be announced and noted in the MALSCE member newsletter. Winners will receive a plaque commemorating their achievement. For more information about the contest or to submit a plan, [click here.](#)

Join MALSCE in Uncovering Some Nefarious "Plans"

Be sure to attend Friday's dinner at the Convention for "Best Laid Plans". Come to the quintessential whodunnit thriller at the estate of Sir Warren Peace and get thrown into a night of mystery, intrigue, and murder you will never forget. With a killer crowd of people just waiting for murder to arrive on the scene, this night will keep everyone looking over their shoulders and guessing who the next victim will be! Bribe suspects for clues and gather information to uncover the unhinged guest who is whacking all the invitees. Just be careful, because you could be next! This program may contain comic violence, sexual innuendos, adult situations, and occasional strong language.

Donate an item to the MALSCE Education Trust Auction

From 5:30 PM - 6:30 PM on Friday, March 13, the MALSCE Convention will feature a reception and Auction to benefit the MALSCE Education Trust. To donate an item, simply bring it to the registration desk at the convention by 3:00 PM on Friday, March 13. If you wish to donate an item, but cannot attend the convention, contact Rich Keenan: 617/305-4110 or rkeen@engineers.org.

presented at the 50th Annual Meeting. Paul's workshop was standing room only and he was glad to be asked back because after presenting, he always finds something he could have included, so look for some new information.

[Click here to learn more](#)

VSLs Spring Seminar 2020

Friday, April 17, 2020

Lake Morey Resort, Fairlee, VT

7:15 AM - 4:30 PM

This opportunity featuring three seminars includes: "Business Practices for Land Surveyors" with Rick and Patti Brooks, Co-Owners of Brooks & Brooks, PC, "Seven Deadly Sins of Email & Eight Essential Contract Provisions" with Cameron Poole, Associate, Poole Professional, and "The Professional and Ethics" with Robert Dahn, Principal Surveyor and Managing Partner, Meehan & Goodin.

[Click here for more information](#)

Surveying News

MALSCE has Limited "Get Kids Into Survey" Posters Available

While supplies last, MALSCE is offering a limited number of "Get Kids Into Survey" posters for members to give to their local grammar schools. The goal of the program is to educate and excite the next generation of surveyors while bettering the

Deadline Extended to Become a Convention Sponsor and/or Advertiser

Convention Sponsorship

Refreshment break sponsorship opportunities are available for convention refreshment breaks, lunches, and dinner. Sponsors will have their company logos included on signage which is prominently displayed during convention meals and refreshment breaks.

Convention Booklet Advertising

All convention attendees receive a convention booklet containing convention details, session handouts, as well as lists of exhibiting organizations and convention sponsors. Available convention booklet advertising options range from business card sized ads to full color, full page advertisements.

To register as a sponsor or advertiser, please download, complete, and submit a [2020 MALSCE Convention Advertising and Sponsorship Registration Form](#).

Exhibit at the Convention

Convention exhibitors are given the opportunity to meet and interact with the convention attendees on a face-to-face basis. As an exhibitor, you're entitled to an exhibit area on the floor of the ballroom on Friday, March 13th between 8:00 AM - 4:30 PM. Attendees will frequent the area between presentations and during breaks, giving vendors plenty of face-time to make connections and spread the word.

To learn more about exhibiting options and fees, please download the [2020 MALSCE Convention Exhibit Space Rental Agreement](#).

Sponsor A High School for the 2020 Trig-Star Competition

Get involved and show your commitment to the future of surveying! Trig-Star is an annual competition held by NSPS to promote the study of trigonometry. Its purpose is also to acquaint high school students with its practical applications in the surveying and

geospatial industry globally. MALSCCE has five different posters available: Crime Scene, Smart Cities, Mining, Forestry, and Civil. If you are interested in the posters and want to learn more please contact Emily Devane at edevane@engineers.org.

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

mapping profession. Massachusetts has many gifted students who could benefit from this program. Do your part and sponsor a high school in your area. For more information contact Trig-Star Coordinator, James Diorio, at jdiorio@vhb.com or call him at 617/607-2790.

MALSCE Government Affairs Update - February 2020

[Click here](#) for Government Affairs activities and news for MALSCCE members. Dig Safe, Engineers and Land Surveyors Day at the State House set for May 14, 2020 and more news.

NSPS News

Congress awaits NSPS for April 1 Day on the Hill

Both the U.S. House and Senate have released their 2020 legislative calendars and the good news is both bodies will be in session in Washington, DC on Wednesday, April 1 for the [NSPS Day on the Hill](#). Mark your calendar and plans to attend the [2020 NSPS Spring Business Meeting](#) and Day on the Hill.

NSPS and Dell Announce Discount Program

NSPS and Dell proudly announce a new discount program for NSPS members. Members can now receive up to 40% off the everyday price of Dell branded small business products (laptops, desktops, workstations, all-in-ones, thin clients, monitors, servers, storage, and networking) and Dell branded electronics and accessories. [Click here to learn more](#).

Classified Advertisements

**Survey Party Chiefs, Field Technicians,
and Office Technicians - \$2,500 Signing Bonus**

Beals and Thomas Inc. is currently seeking responsible, highly motivated, and detail-oriented individuals to join our Land Surveying Department. We are celebrating 35 years of providing high quality survey, civil engineering, planning, permitting and environmental services to a wide variety of public and private clients. We are pursuing dedicated and engaged individuals to work collaboratively as part of our multidisciplinary team to address land conservation and development challenges.

We offer highly competitive compensation, signing bonus, and a comprehensive benefits package including company-sponsored health and dental insurance, long-term and short-term disability insurance, and 2X annual salary life insurance. Also included are paid sick time, holidays and vacation days, plus a 401(k) plan with company match.

Ideal candidates possess leadership abilities to manage survey assignments in the field and provide office survey support.

We are actively recruiting for the following positions:

- Survey Party Chiefs
- Field Technicians
- Office Technicians

If you are ambitious, take pride in your work, and are seeking to advance your career, we encourage you to apply to join our team.

To learn more about us and the positions offered as well as to apply, please visit our website:

www.bealsandthomas.com

Doucet Survey Employment Opportunities

Doucet Survey has the following job openings:

INSTRUMENT OPERATOR: Highly motivated with 1-year land surveying experience or 2-year survey degree. Experience with Trimble Total Stations and Trimble Access software a plus. Must possess excellent communication skills, be detail-oriented, and able to perform various land survey tasks under the direction of a supervisor.

FIELD CREW CHIEF: Minimum 4 years experience as Crew Chief working on high-detail engineering surveys, ALTA's, and construction layout. College degree and have passed F.S. is preferred. Must be detail-oriented, experienced in the proper maintenance of field survey equipment, proficient in field survey methods and techniques, and have supervisory experience.

CAD DRAFTSMAN: Qualified applicant should have a college degree in computer drafting or related program and minimum of two years of survey or Civil site engineering experience. Experience with Autodesk Civil 3d, Revit, Recap, Bentley OpenRoads, as well as a variety of point cloud processing software, is a plus.

Doucet Survey offers a competitive salary and benefits package. Send resumes to email@doucetsurvey.com. For more information, please visit our website at www.doucetsurvey.com/careers.

Vice President, Surveying/Geomatics

Want to become an Owner with one of Maine's Best Places to Work and be part of one of the largest survey staffs in the State, with a reputation for quality work and use of innovative survey technologies? Sebago Technics, a 100% employee-owned, multi-disciplinary engineering consulting firm, located in South Portland,

Maine, is currently seeking candidates for VP of Surveying/Geomatics.

The position serves as the discipline leader and is responsible for the overall operations of the survey/geomatics group. Service areas include topographic/boundary/as-built/hydrographic surveying, construction layout, highway, infrastructure and right-of-way (ROW) surveying, flood plain determinations, 3D laser scanning, UAV photogrammetry and GIS analysis, mapping, database development/support. The position is responsible for coordinating/supporting survey services to internal disciplines and external clients.

Successful candidate must have a minimum of 8-10+ years management, supervisory or support experience in the delivery of survey/GIS services. PLS or Certified GIS/Geospatial Professional preferred.

If you have the qualifications, enthusiasm and desire to lead, we'd love to hear from you! To view full job description and how to apply please visit our website: www.sebagotechnics.com

Project Surveyor – PLS

Want to become an Owner with one of Maine's Best Places to Work? Would you like to work with one of the largest survey staffs in the State with a reputation for quality work and use of innovative survey technologies? Sebago Technics, a 100% employee-owned, multi-disciplinary engineering consulting firm, located in South Portland, Maine, is currently seeking candidates for Project Surveyor – PLS. If you have the qualifications, enthusiasm and desire to be part of a fast-growing, industry-leading company, this is a great opportunity! Send us an email with your resume and expression of interest. We'd love to hear from you!

For further information and how to apply, please visit us at: www.sebagotechnics.com

Sebago Technics is an Equal Opportunity/Affirmative Action employer.

MALSCE News is a monthly publication of the Massachusetts Association of Land Surveyors and Civil Engineers that is produced by Emily Devane, Abbie Goodman, and Richard Keenan with thanks to MALSCE President Darren Hardy. This newsletter highlights the program and activities of MALSCE 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 MALSCE members please forward it to Rich Keenan at rkeenan@engineers.org.

Questions or comments?

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