



Virtual 2020 MALSCCE Convention

20/20 Foresight

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Waypoint Technology Group, and Wentworth Institute of Technology

Zoom Video Webinar

Accessible via computer, tablet or cellphone, Zoom Video Webinars is an interactive technology that allows you to see, hear, and question a speaker while viewing a PowerPoint presentation.

Wednesday, Thursday, & Friday, June 17, 18, & 19, 2020

8:00 AM - 12:45 PM, Wednesday

8:00 AM - 12:45 PM, Thursday

8:00 AM - 12:30 PM, Program; 3:30 - 4:30 PM, Reception, Friday

Featuring:

- **In-depth Presentations**

On technical advances, business trends, and regulatory matters impacting the land surveying and civil engineering professions

- **Convention Exhibitors**

Discussing the latest technologies and services

- **Online Plan Contest**

Vote for the best plan in each of six categories as well as the Plan of the Year

- **Virtual Reception, Benefit Auction, and more!**

Network with and learn from your peers

The Virtual 2020 MALSCCE Convention is brought to you by the Cape Cod Chapter

MALSCCE, One Walnut St, Boston, MA 02108-3616 | T: 617/227-5551 | F: 617/227-6783 | malsce@engineers.org | www.malsce.org

Virtual 2020 MALSCCE Convention

Session Descriptions

The 2020 MALSCCE Convention will include the following sessions

Wednesday, June 17, 2020

New Datums – What You Need to Know with Only Two Years to Go

Daniel J. Martin, NOAA/NOS/National Geodetic Survey

This session will provide updated information about the planned 2022 modernization of the National Spatial Reference System (NSRS) by replacing the US horizontal and vertical datums (NAD 83 and NAVD 88). Dan will discuss individual projects that contribute to the modernized NSRS including New Data Delivery System, SPCS2022, Grav-D, Modernized CORS, enhancements to OPUS, and GPSONBM.

Lidar for Surveyors

Raymond J. Hintz, PLS, PhD, University of Maine

Lidar has been a recent option to the world of field solutions in surveying. During this session, Ray will examine the differences between static, airborne, and mobile Lidar, the importance of both GPS-IMU in the airplane or vehicle, hardware and software considerations, and classification of Lidar data sets and its synthesis with photogrammetric and/or ground survey products.

Exhibitor Quick Fire Sessions

Featuring a rapid-fire format during which exhibiting vendors will provide an overview of the products and services they offer.

Panel Discussion – Locally Accessible Land Surveying Educational Options

Moderated by Darren J. Hardy, PLS, WSP; Panelists include Timothy W. Burch, PLS, National Society of Professional Surveyors, Liem Tran, Wentworth Institute of Technology, and A. Richard Vannozi, MS, PLS, University of Maine

Sponsored by the MALSCCE Education Trust, this session's featured panelists will discuss educational opportunities for those who are seeking a career in land surveying. These include the National Society of Professional Surveyors' Certified Survey Technician program, Wentworth Institute of Technology's Professional Land Surveyor Certificate Program, and the University of Maine's online Surveying Engineering program options.

MALSCCE Proprietors' Council – Pulse of Business

Moderated by Michael Feldman, Feldman Land Surveyors

Offered for a second year, take advantage of this opportunity to participate in a virtual MALSCCE Proprietors' Council meeting! Featuring a collective and group discussions of the business of land surveying from an employer and employee perspective.

Thursday, June 18, 2020

Know When to Hold 'em and Other Procedural Pitfalls – Part One

Kristopher M. Kline, PLS, 2Point, Inc.

At the core of the land surveying profession is the boundary monument, and most boundary retracement decisions revolve around the choice to hold an existing monument, set a new monument, or choose between multiple existing monuments. This stand-alone session features nationally recognized Kris Kline presenting an in-depth discussion of principles that form the basis of this critical decision, including the rules of construction, sufficiency of research, and relevant common law

for the analysis for several types of property corners.

Introduction to Tidal & Geodetic Vertical Datums

Michael Paul Michalski, NOAA/NOS/Center for Operational Oceanographic Products and Services

This session will provide a high level overview of the tidal theory and the process of computation of tidal datums and how to connect them to geodetic datums. Covered topics include Tidal theory, Data processing and products, Predictions, National Tidal Datum Epoch (NTDE), Tidal Datums, Datum Computation, Tidal Datum Computation Tool, Tidal and Geodetic, Regional variation, VDatum, and Importance of datums and correct metadata.

Flood Resistant Design & Construction – 9th vs. 10th Edition Building Code

Sean M. Riley, PE, CFM, Coastal Engineering Company, Inc.

The presentation will include a brief overview of the different Flood Zones and their Boundaries and the introduction of the Limit of Moderate Wave Action (LIMWA) Boundary. The 10th Edition of the Building Code, which will be adopted in 2020-2021, is expected to include new regulations regarding construction requirements for buildings sited within the LIMWA. Sean will review current 9th Edition Building Code Regulations with regards to Flood Resilient Design and the proposed 10th Edition revisions.

MALSCCE Annual Meeting – What MALSCCE is Doing for You Chaired by Darren J. Hardy, PLS, MALSCCE President

Join us for MALSCCE's Annual Meeting and learn about recent efforts to improve member services and increasing member engagement. You'll hear reports on recent organizational changes and undertakings including efforts to engage student members and create a Young Surveyors Network, plans for continued online learning, dissemination of best practice guidelines for point cloud acquisition, and government affairs initiatives.

Friday, June 19, 2020

Know When to Hold 'em and Other Procedural Pitfalls – Part Two

Kristopher M. Kline, PLS, 2Point, Inc.

This stand-alone session advances Friday's discussion by concentrating on adverse possession, prescriptive easements, and quasi easements as applicable in Massachusetts. This is a general overview of several different principles. Knowledge of these topics will help surveyors improve their research and location techniques (both office and field) so as to better serve the client in cases where disputes may arise.

Virtual Reception, MALSCCE Education Trust Benefit Auction & Awards Ceremony

After a three-hour break, grab a beverage and participate in the convention's virtual reception. You'll have an opportunity to chat with colleagues and help MALSCCE recognize the Surveyor of the Year, President's Citation recipient and Plan Contest winners. Help raise money for the MALSCCE Education Trust by becoming your own auctioneer and fielding bids on your donated auction item.

Virtual 2020 MALSCCE Convention Registration Form

Register and pay for the Virtual 2020 Convention by credit card online at:

<https://bit.ly/MALSCCEVirtualConvention>

To register and pay by credit card online at the MALSCCE member rate, login using your MALSCCE assigned username and password. If you do not know your login information, call 617/227-5551. You can also register for the virtual convention by completing and submitting this registration form with payment.

Registrant Information

Name: _____
Company (if applicable): _____
Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____ Email: _____

Membership Type

MALSCCE Member Non MALSCCE Member

Members of CALS, MSLS, NHLA, NYSAPLS, RISPLS and VSLS can attend for the MALSCCE member rate. Please check the appropriate box below if you are a member of one of these organizations:

CALS MSLS NHLA NYSAPLS RISPLS VSLS

Registration Fees

MALSCCE Member: \$225 Non MALSCCE Member: \$325

Total Amount Enclosed \$ _____

Make checks payable to "MALSCCE" and mail with completed form to: MALSCCE, The Engineering Center, One Walnut Street, Boston, MA 02108-3616. You can also complete this form with credit card information and return via email to malsce@engineers.org or via fax to 617/227-6783.

Credit Card (Check one): Visa Master Card American Express

Card Name: _____
Card Number: _____ Expiration Date: _____
Billing Address: _____
City: _____ State: _____ Zip: _____
Signature: _____

Registration Deadline

The registration deadline for the virtual convention is Thursday, June 11, 2020. No refunds will be given after this registration deadline.

Enter the 2020 Plan Contest

Award-winning plans will be displayed on the MALSCCE website and noted in the MALSCCE member newsletter. Learn more by downloading the [Virtual 2020 MALSCCE Plan Contest Entry Form](#).

Become a convention advertiser!

Promote your organization to convention participants by advertising in the convention participant booklet. Download the [Virtual 2020 MALSCCE Convention Booklet Advertiser Registration Form](#).