



Maine Society of Land Surveyors

Spring 2024 Meeting

Hosted by MidCoast Chapter April 12 at the Rockland Elks Club

You are personally invited and encouraged to submit photos to make this meeting an interactive success.

Registration 7:30 - 8:25

Baked Ham & Chicken Buffet 12:00 - 1:00

Spring Business Meeting 1:00 - 1:30

Featuring

Interactive Session!



8:30 - 10:00 (break to follow)



Caselaw As a Tool For Land Surveyors

Surveyors utilize the technical tools of surveying with remarkable success. Computers, CAD drafting, GIS and RTK GPS are all important to make measurements in the field and to translate those measurements onto plans and reports. An element of surveying that is often neglected, however is the legal foundation and instructions by the courts to do our work. This session will consider the surveyors responsibility to know and apply the law, basic principles of construction and a few cases that surveyors should know or be aware of.

"A frequent recurrence to elementary truths in any science is the greatest safeguard against error."
Preble v. Maine Central R. R. Co., 85 Me. 260 (1893)

Donald Richards is a land surveyor and forester practicing at Richards, Cranston & Chapman, LLC and Land and Forestry Consultants in Rockport, Maine. He has been practicing for over 40 years, specializing in boundary retracement and the resolution of boundary disputes. He is active in the MSLS and has participated on several committees including the Alternate Dispute Resolution Committee. He has authored and co-authored several articles on the topic of surveying practice and boundary law. Don is a frequent speaker at meetings and seminars and was awarded MSLS's *Surveyor of the Year* in 2024.

10:30 - 12:00 (lunch to follow)



Combining Total Station and GPS Surveys

This class will discuss best practices for combining GPS and EDM (manual or robotic total station) survey data into a single network and how to perform a least squares adjustment for final coordinates. Advantages and limitations of GPS will also be discussed as well as understanding adjustment reports.

Doug Aaberg is a Registered Professional Land Surveyor in Massachusetts and a Licensed Land Surveyor in Colorado with experience spanning over four decades working on a multitude of detailed commercial, municipal and residential projects. Currently, Doug serves as the Survey Product Manager for Carlson Software directing the evolution of CAD software for the survey industry.

Todd Carlson is the Director of Marketing and New England Sales Manager for Carlson Software working out of Carlson's main development office in Watertown, MA. Prior to his current role, Todd worked in technical support, training, and product development for the construction estimating and data prep package Carlson Takeoff.



1:30 - 4:15 (with a short break)



Landscape Reading

Tom Wessels is a terrestrial ecologist and professor emeritus at Antioch University where he founded the master's degree program in Conservation Biology. Tom has conducted programs and workshops throughout the United States for over 3 decades. He is the author of 6 books with his most recent being *New England's Roadside Ecology: Explore 30 of the Region's Unique Natural Areas*.

For this program **participants are asked to submit digital photos of things they have encountered out in the woods that they are curious about**. These may include unusually shaped trees, intriguing stumps, stone wall construction, or any other features that capture participants' attention. The photos will be put into a PowerPoint that Tom will then interpret during the program. Tom may ask questions of the people who submitted certain photos about features that may not be visible in the shot. Participants can also ask Tom questions about the photos. After all the photos are interpreted there will be ample time to ask any questions that come to mind.

Please email photos to be interpreted by **April 1** to **Graham Blanchette** at:

graham@truenorthsurveyingservices.com

You can find many videos of Tom on YouTube and while his books are widely available, copies will be conveniently for sale at the conclusion of the day.

Register online at <https://www.msls.org/> or send in this form w/check to MSLS, PO Box 420, Readfield, ME 04355 by 4/5 please.



Name _____

Representing _____

MSLS Member \$95

Non-Member \$135

Student Sponsorship \$50 *Thank you!*

Email _____

CEU certificates will be emailed by May 1.