

# Faculty

## Land Description Workshop

### Barry Savage, PLS

Products Group Manager with Tennessee Valley Authority in Chattanooga, TN

Mr. Savage is the manager of the Survey Products group at the Tennessee Valley Authority (TVA) in Chattanooga, Tennessee. Prior to his service at TVA, he was in private survey practice for 10 years specializing in dispute resolution and expert witness services. He has surveyed several disputed state boundaries to resolve jurisdictional conflicts. Mr. Savage is an adjunct professor at Cleveland State Community College where he teaches courses in boundary law, geodesy, GIS, and surveying fundamentals. He has researched and retraced the historical surveys of Henry David Thoreau and has published several articles on the subject. Mr. Savage teaches exam review and continuing education seminars at various state and local conferences across the country. He has served as director of production for Cook and Spencer Consultants in Chattanooga. Mr. Savage was senior designer at Psi Consulting Engineers where he worked on structural and environmental design. He was also a survey supervisor at Whitfield Engineering in Dalton, Georgia. Mr. Savage received his B.S. degree, with high honors, in Civil Engineering Technology from the University of Tennessee at Martin.

## Floodplain Mapping and Regulation

### Wendy Lathrop Cadastral Consulting LLC

Ms. Lathrop is president and owner of Cadastral Consulting. She is licensed as a professional land surveyor in New Jersey, Pennsylvania, Delaware, and Maryland, and as a professional planner in New Jersey. She holds a Master's degree in Environmental Policy, and has been involved in surveying since 1974 in projects ranging from construction to boundary to environmental land use disputes. Ms. Lathrop is also a certified floodplain manager through the Association of State Flood Plain Managers (ASFPM). A former adjunct instructor at Mercer County College in New Jersey, Ms. Lathrop has also taught as part of the team for the licensing exam review course at Drexel University in Pennsylvania. She has been teaching seminars for surveyors since 1986 and has been writing articles for surveyors since 1983. She is a contributing editor for *The American Surveyor* magazine, and has four articles included in the American Bar Association's text, *Land Surveys: A Guide for Lawyers and Other Professionals*. She and Stephen V. Estopinal, PLS, PE, recently completed co-authoring a book entitled *Professional Surveyors and Real Property Descriptions: Composition, Construction, and Comprehension*, published by John Wiley & Sons, Inc. Ms. Lathrop is a past president of the New Jersey Society of Professional Land Surveyors and of the National Society of Professional Surveyors, and she has served on the Board of Directors for the American Association for Geodetic Surveying.

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## HalfMoon Education Live Webinars for Land Surveyors and Civil Engineers

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## HalfMoon Education Live Webinars for Land Surveyors and Civil Engineers

### Land Description Workshop

- Friday, June 12, 2020, 9:00 am - 4:00 pm CDT

### Floodplain Mapping and Regulation

#### A Four Part Webinar Series

- Wednesday, June 17, 2020, 11:00 am - 2:30 pm CDT
- Thursday June 18, 2020, 11:00 am - 2:30 pm CDT

To register visit us online at

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## HalfMoon Education Live June Webinars for Land Surveyors and Civil Engineers



You know us for our live, in-person seminars. Now get that same practical, interactive content in a live webinar format!

### Land Description Workshop

Friday, June 12, 2020 | 6.0 PDHs (see inside for details)

- Understanding The Survey Process
- Understanding Survey Drawings and Legal Descriptions
- Plotting and Writing Metes and Bounds Descriptions

### Floodplain Mapping and Regulation A Four Part Webinar Series

Wednesday, June 17 and Thursday June 18, 2020

6.0 PDHs (see inside for details)

- Floods, Floodplains and Introduction to Floodplain Management
- Flood Maps and Flood Zones
- Elevations in the National Flood Insurance Program (NFIP) and Floodplain Regulation
- Practical Floodplain Management



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# Land Description Workshop

**Credits: Professional Engineers:** 6.0 PDH  
**Professional Land Surveyors:** 6.0 PDHs  
**TN Land Surveyors:** Pending

**Tuition:** \$299 per registrant

**Friday, June 12, 2020, 9:00 am - 4:00 pm CDT**

## Understanding The Survey Process

Research

- Title research vs. boundary research

Field work

- Reconnaissance
- Measuring angles and distances
- GPS

Understanding what controls location

- The importance of monuments and descriptions
- The primary function of measurements in descriptions
- Order of importance of conflicting elements

(30-minute Break)

## Understanding Survey Drawings and Legal Descriptions

North basis

Understanding bearings and azimuths

Title Identity

The importance of qualitative calls

Closing the description

Handling water boundary issues

Precision vs. accuracy

Handling special situations: arcs, chords, curves, etc.

(30-minute Break)

## Plotting and Writing Metes and Bounds Descriptions

Popular deed plotting software and where to get it

Understanding the basics of plotting deeds

Do's and don'ts when writing deeds

Writing the qualitative portion first

Including measurements with survey precision in mind

Metes and bounds description workshop: writing two sample descriptions

### Can't Attend? Order these Webinars as Self-Study Packages!

Recordings of these webinars are available for purchase for \$279 each. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

To register visit us online at

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or call our Customer Service Department at (715) 835-5900

# Floodplain Mapping and Regulation - A Four-Part Webinar Series

**Total Credits: Professional Engineers:** 6.0 Total PDHs  
**Floodplain Managers:** 6.0 Total CPCs  
**LA/CES:** 6.0 Total HSW PDHs

**Land Surveyors:** 6.0 Total PDHs  
**AIA:** 6.0 Total LU|HSW

**Tuition:** \$299 per registrant for the entire series  
\$75 per webinar when registered for individually

*Each webinar in this series is a separate event, and learners are able to earn CE credit from the webinars of their choice. See credit details below for more information.*

## Floods, Floodplains and Introduction to Floodplain Management

Wednesday, June 17, 2020, 11:00 am - 12:30 pm CDT

Floodplain identification and terminology

Flood hazards and flood risks

Three basic types of flooding (and other “unique” types)

Floodplains, floodways, and coastal conditions: impact on development

Why floodplain management matters

Objectives & purpose of the National Flood Insurance Program (NFIP)

Evolution of the NFIP and its components

## Flood Maps and Flood Zones

Wednesday, June 17, 2020, 1:00 - 2:30 pm CDT

Flood Insurance Rate Map (FIRM) contents and development

Understanding flood zone designations

Approaches to mapping floodplains

Components of flood maps

Digital mapping

Map modernization and risk MAP

Flood Insurance Study (FIS) Reports

Impacts of flood zone designations and mapping

Understanding, distinguishing between, and requesting Letters of Map Change (LOMC)

## Continuing Education Credit Information Details

### Land Description Workshop

This webinar offers 6.0 PDHs to professional engineers in all states that accept online learning. Refer to specific state rules to determine eligibility. HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina (Sponsor ID: S-0130), and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York engineers.

This webinar series offers 6.0 PDHs to professional land surveyors in most states that accept online learning. Refer to specific state rules to determine eligibility. HalfMoon Education is an approved continuing education sponsor for land surveyors licensed in Indiana, Maryland, North Carolina (Sponsor ID: S-0130), and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York land surveyors. Course approval is applied for and pending in Tennessee. HalfMoon Education is not seeking course approval for land surveyors licensed in Florida, New Jersey, or Texas.

## Elevations in the National Flood Insurance Program (NFIP) and Floodplain Regulation

Thursday June 18, 2020, 11:00 am - 12:30 pm CDT

Elevations in the NFIP

- The impact of elevations in the NFIP
- Sources of elevation
- The role of Elevation Certificates in the NFIP and related technical guidance

Federal, state, and local floodplain regulation

- Federal NFIP regulations: where, what, and why
- Effects of regulations and legislation on building construction and improvement
- The role of lenders in the NFIP
- State and local roles in regulating floodplain development
- The role of advisory elevation and mapping data

## Practical Floodplain Management

Thursday June 18, 2020, 1:00 - 2:30 pm CDT

Technical guidance and advisory documents

Floodplain management approaches and techniques

Preparing for resiliency

Planning for future conditions

## Floodplain Mapping and Regulations

Each webinar offers 1.5 PDHs (6.0 total PDHs) to professional engineers in all states that accept online learning. Refer to specific state rules to determine eligibility. HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina (Sponsor ID: S-0130), and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York engineers.

This webinar offers 6.0 PDHs to professional land surveyors in most states that accept online learning. Refer to specific state rules to determine eligibility. HalfMoon Education is an approved continuing education sponsor for land surveyors licensed in Indiana, Maryland, North Carolina (Sponsor ID: S-0130), and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York land surveyors. HalfMoon Education is not seeking course approval for land surveyors licensed in Florida, New Jersey, Tennessee or Texas.

The Association of State Floodplain Managers has approved each webinar for 1.5 (6.0 total) PDHs for certified floodplain managers.

Each webinar is approved by the American Institute of Architects Continuing Education System for 1.5 LU|HSW (Sponsor No. J885) and the Landscape Architect Continuing Education System for 1.5 HSW PDHs. Course approval is not being sought in states that require courses to be preapproved for landscape architects.