

NSPS CERTIFIED FLOODPLAIN SURVEYOR TRAINING & CERTIFICATION PROGRAM

MAY 12 - 14, 2026

Rettew of Mechanicsburg - Training Center

5031 Richard Lane #111
Mechanicsburg, PA 17055

Speakers

John Chagnon, PE, CFS, LLC

Senior Project Manager & Vice President, Haley Ward
Portsmouth, NH
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Bart Crattie

Certified Floodplain Manager, The Flood Specialist
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ABOUT THE PROGRAM



The surveyor is well versed in measurement, property law, history, mathematics, and numerous topics related to surveying, mapping, and describing real property. A number of years ago, FEMA made the surveying community a “partner” in the National Flood Insurance Program. This program is designed to enable the surveyor to learn much that has always been within the discipline of floodplain management, thus filling that gap between land surveying and floodplain management. It is also intended to prepare participants to take the certification exam offered on the last day of the program. Attending this program and passing this exam allows participants to show that they have the particular expertise required to be recognized as a Certified Floodplain Surveyor and an authority in the field.

The completion of FEMA forms require the skills and knowledge of the surveyor. The vast majority of the questions deal with items that are seldom included in surveying education. Title 44 of the Code of Federal Regulations is the legislative root for all FEMA and NFIP regulations. You will become well-versed in CFR 44 and flood insurance. Following Risk Rating 2.0, the surveyor’s role shifted in importance to the Pre-Construction Elevation Certificate. Upon completion of the course, one should be able to speak knowledgeably about the floodplain regulations and ordinances that will affect your client prior to construction. Also, following RR 2.0, you will be serving the public better if you know methods to sometimes reduce their flood insurance premiums. One should be able to submit for FEMA MT-1 (LOMR-F and LOMA) applications and know just what the reviewers are requiring and what other items you can include to make their jobs easier, hopefully speeding up the LOMC process. Upon becoming certified, you will know that you have taken an extra step to enhance your licensure, perhaps lower financial liability and boost your bottom line. Most importantly, you have taken an active step in protecting the safety, health, and welfare of the general public.

This certification program provides a comprehensive body of knowledge to the surveyor regarding their relationship with the National Flood Insurance Program. Surveyors play a crucial role in the entire NFIP system. To adequately perform the duties to fulfill NFIP requirements, a surveyor must expand his or her knowledge on their specialized aspect of the profession. Over an intense three-day period of instruction, the surveyor is exposed to the many flood issues, including the National Flood Insurance Program, Code of Federal Regulations Title 44, Flood Insurance Rate Maps, Letters of Map Change (LOMA, LOMR-F, LOMR), No Rise Certifications, and the Elevation Certificate. Following this training, there is a four-hour exam administered to assess the surveyor’s floodplain knowledge.

ABOUT THE SPEAKERS



John Chagnon, PE, CFS, LLS, is Regional Manager and Vice President at Haley Ward, a full-service Surveying, Engineering, and Environmental services company. John has a Civil Technology Associates Degree from the Thompson School of Applied Science, UNH, and a Bachelors in Science, Civil Engineering, from UMass Lowell. John was an adjunct professor at the Thompson School of Applied Science, teaching the Legal Aspects of Land Surveying course. John has worked on the Seacoast of New Hampshire for 35 years and has been involved with Flood Hazard issues in his capacity as a Land Surveyor and Civil Engineer. Increasingly, site improvements, including single family home replacement, require attention to the local and national regulatory requirements for development in flood prone areas. John also serves as Chair of the NSPS Certified Floodplain Surveyors Board, helping to develop programs to increase educational opportunities in floodplain issues for Land Surveyors.



C. Barton (Bart) Crattie has been working in surveying for 47 years. He holds licenses in Land Surveying in both Georgia and Tennessee. Crattie earned a Bachelor of Fine Arts degree in three-dimensional design from Murray State University – Murray, Kentucky. He has been certified as a Floodplain Manager (CFM) since 2008 through the Association of State Floodplain Managers, as well as being a Certified Floodplain Surveyor (CFS TN-003) through the Tennessee Association of Professional Surveyors. Crattie serves on the National Society of Professional Surveyors Certified Floodplain Surveyors Board of Directors. He served for nine years on the Surveyors Historical Society Board of Directors and was its Secretary for 15 years. His name appears on the masthead of American Surveyor magazine as a Contributing Writer. Crattie now earns his living strictly doing floodplain management services, teaching and consulting as The Flood Specialist.

REGISTRATION INFORMATION



REGISTRATION FEES

PSLS Members: \$600 | Non-Members: \$750

[Register here.](#)

This program provides participants with 2.5 days of instruction and a comprehensive set of printed reference materials. During the afternoon of the third day, a four-hour exam will be administered, consisting of two parts with a total of 125 questions. The exam is very thorough, and program participants are advised to independently review the materials that they receive. To pass the exam, Part One requires a 75% minimum score, and Part Two requires 80%. Normal pass rates of class participants vary from 50%-68%. Please be aware that a hand-held calculator is required for portions of the certification exam. Scales will be provided.

REGISTRATION DEADLINE

Wednesday, April 28, 2026

CANCELLATION AND REFUND POLICY

PSLS reserves the right to cancel the program and return all fees in the event of insufficient registrations. **NO REFUNDS will be made after Tuesday, April 28, 2026, and a \$25 processing fee will be applied to all refunds prior to April 28. Space is limited to 40 participants.**

CONTINUING EDUCATION

This training counts for 20 PDHs in PA. All seminar participants will receive a certificate documenting attendance at the end of the seminar. Please complete the [online registration](#) with your legal name, address, and other contact information so that you will be properly identified on the certificate.

LOCATION & LODGING

Class Location:

Rettew of Mechanicsburg - Training Center
5031 Richard Lane #111
Mechanicsburg, PA 17055

Nearby Lodging:

- [Holiday Inn Express & Suites Harrisburg S - Mechanicsburg](#)
 - 5011 Louise Dr., Mechanicsburg, PA 17055
- [TownePlace Suites by Marriott Harrisburg West/Mechanicsburg](#)
 - 4915 Ritter Rd., Mechanicsburg, PA 17055
- [Hampton Inn Harrisburg West](#)
 - 4950 Ritter Rd., Mechanicsburg, PA 17055
- [Homewood Suites by Hilton Harrisburg-West Hershey Area](#)
 - 5001 Ritter Road, Mechanicsburg, PA 17055

There are many other hotels nearby so feel free to stay at your preferred hotel brand!

If you have any questions, please contact Kelly Ameen at psls@psls.org or 717-412-1946.

PROGRAM SCHEDULE

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**This is a tentative schedule and subject to change.*

TRAINING DAY 1 | MAY 12, 2026

7:30AM-8:00AM.....	BREAKFAST
8:00AM-10:00AM.....	COURSE INTRODUCTION/NFIP OVERVIEW
• FEMA and NFIP, Regulations/Terms, Definitions/Acronyms, FIS/FIRMS, Quiz	
10:00AM-10:15AM.....	BREAK
10:15AM-12:15PM.....	NFIP REGULATIONS
• Overview - 44 CFR, Part 60: Land Management, Part 65: ID and Mapping of SFHA, Part 70: Map Corrections	
12:15PM-1:00PM.....	LUNCH
1:00PM-3:00PM.....	NFIP CONT./POTENTIAL VIOLATIONS/NFIP INSURANCE
• Overview, Risk Rating 2.0, Quiz	
3:00PM-3:15PM.....	BREAK
3:15PM-5:15PM.....	ELEVATION CERTIFICATE
• Purposes, Section Breakdown, Building Diagrams, Common Errors, Quiz	

TRAINING DAY 2 | MAY 13, 2026

7:30AM-8:00AM.....	BREAKFAST
8:00AM-10:00AM.....	LOMCs
• Using a FIRM and its Components, Letters of Map Change (LOMC), Description and policies	
10:00AM-10:15AM.....	BREAK
10:15AM-12:15PM.....	LOMCs CONTINUED
• LOMC Forms and Data Requirements, LOMC Issuance and CFS Support and Renewal	
12:15PM-1:00PM.....	LUNCH
1:00PM-3:00PM.....	RESOURCES/APPLICATION ERRORS
• Finding State Specific Regulations and Ordinances, Resources Available Through FEMA and Other Sources, BFE in Zone A's (Unnumbered A-Zones) for LOMAs	
3:00PM-3:15PM.....	BREAK
3:15PM-5:15PM.....	LOMC APPLICATIONS
• Common LOMC Application Errors, Quiz	

TRAINING DAY 3 & EXAM | MAY 14, 2026

7:30AM-8:00AM.....	BREAKFAST
8:00AM-10:00AM.....	ONLINE LOMC AND eLOMA
• Online LOMC Requirements, eLOMA Requirements	
10:00AM-10:15AM.....	BREAK
10:15AM-12:00PM.....	SURVEYING TECH/FFRMS & ZONING/EXAM REVIEW
• Surveying Technology	
◦ Print On Demand: FIS and FIRM, DFIRM, LIDAR, and Geodatabases	
• FFRMS & Zoning	
• Review/Questions and Answers/Exam Prep	
12:00PM-1:00PM.....	LUNCH
1:00PM-5:00PM.....	EXAM