



# Determining the Base Flood Elevation



*Arnold Surveying, Inc.* will be providing lunch catered by Moonswiner's Restaurant (sliced pork, sliced beef, beans, slaw, buns, and tea).

- When:** Tuesday, December 5, 2017  
9 AM – 4 PM
- Where:** Havert L Fenn Center  
Training Room #3  
2000 Virginia Avenue  
Fort Pierce, FL 34982
- CECs:** 6 – CFM  
6 – PE (Provider #0005341, Lic. #178)  
0.6 – ICC (Provider #0005341, Lic. #178)
- Instructor:** Del Schwalls, PE, CFM
- Cost:** \$50 – FFMA individual members  
\$150 – non-FFMA members

## Course Description:

- Review the regulatory requirements and context for determining a base flood elevation (BFE) to the tenth of a foot rather than a whole number, including insurance and permitting implications of using a whole number only.
- Provide an in-depth review of how to determine the BFE from the Flood Insurance Rate Map (FIRM) and Flood Insurance Study (FIS), for areas of coastal, riverine, and lacustrine (lake/ponding) flooding.
- Review methods of BFE interpolation for locations between those identified on the FIRM and in the FIS.
- Review specific examples from the FIRM/FIS for the host community and surrounding municipalities.
- Examine the FIRM/FIS for the host community and surrounding municipalities, to identify gaps in the detailed data, and reach a class consensus on the appropriate BFE for certain locations.

## Course Objectives:

- Understand the need for tenth of a foot BFE accuracy.
- Learn how to use the FIRM and FIS together to determine more-accurate property-specific BFEs.
- Learn to correlate and interpret coastal transects and tables, cross sections and profiles, floodway data tables, and stillwater elevation tables from the FIRM and FIS.
- Learn to identify missing data in the FIS, and make an educated determination of the BFE for proper floodplain management.
- Reach consensus for adjacent municipalities on BFEs for shared floodplains.

**Seating limited to first 30 paid attendees!**

*Feel free to bring examples of confusing BFEs, including hard copy FIRM and FIS.*

**Register Online through the**  
**“[Event Calendar](#)” link**  
**at [www.FLfloods.org](http://www.FLfloods.org)**

## Not a Member?

Click “[JOIN NOW](#)” before registering to receive all the member benefits and the reduced rate.

## For more information contact:

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*Learn how to interpret confusing FIRM and FIS data to confidently and defensibly determine a BFE.*