



# CASFM Continuing Education

## HEC-RAS 2D MODELING COURSE

April 22<sup>nd</sup>-24<sup>th</sup>, 2025

8am-5pm

### Course Description

This interactive course includes a series of lectures and hands-on workshops designed to teach attendees the key elements of using HEC-RAS 2D effectively in practice. The lectures provide theoretical background and common applications to real-world projects. Workshops begin by building a 2D model from scratch and progressively add more complexity and detail with sessions on meshing, structures, storm drains, mitigating flood hazards, model review, and troubleshooting. Throughout, we focus on building stable models with reliable results.

We recommend that attendees have a familiarity with the HEC-RAS interface, and experience with 1D unsteady flow analysis is even better.

**\*Attendees should bring their own laptop with latest version of HEC-RAS 6\***

### Learning Outcomes:

1. Grow in understanding of appropriate applications of HEC-RAS 2D.
2. Develop the necessary inputs for HEC-RAS 2D from public data.
3. Create, run, and add details to a HEC-RAS 2D model.
4. Review and troubleshoot a HEC-RAS 2D model.

### Cost:

\$825

\*additional \$24.95 credit card fee

### Date:

April 22<sup>nd</sup>-24<sup>th</sup>, 2025

8am-5pm

Lunch will be provided

### Register:

Registration opening

March 10<sup>th</sup>

### Location:



2435 Research Pkwy, Colorado Springs, CO 80907

### Questions?

Contact Katie Kerstiens at MHFD  
303-653-3220 | [kkerstiens@mhfd.org](mailto:kkerstiens@mhfd.org)

We will be offering a certificate that will provide 12 CECs for this course

Training provided by

