HEC-RAS 2D Rain-on-Grid MODELING COURSE

December 9th, 2024
8am-12pm

Course Description

This hands-on seminar will walk users through developing a two-dimensional rain-on-grid model using HEC-RAS. The class will include step-by-step instructions for integrating land cover and hydrology soil groups to create a spatial curve number dataset for development of infiltration parameters applied to a two-dimensional computational mesh. A precipitation hyetograph can then be applied to simulate a rainfall event across an entire watershed. Users will gain an understanding of the modeling output and how to interpret spatial results.

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

Learning Outcomes:

1. Obtain a working understanding of the theory behind HEC-RAS 2D rain-on-grid modeling.
2. Develop a stable and calibrated 2D precipitation model.
3. Integration of land coper and hydrologic soil group data
5. Understand how to use RASmapper to spatially analyze results.

Cost:
Early Registration (by 11/29): $275
*+ credit card fee
Late Registration (by 12/9): $325
*+ credit card fee

Date:
December 9th, 2024
8am-12pm
Light breakfast will be provided

Register:
Registration opening
TBD

Location:

MILE HIGH FLOOD DISTRICT
12575 W Bayaud Ave, Lakewood, CO 80228

Questions?

Contact Katie Kerstiens at MHFD
303-653-3220 | kkerstiens@mhfd.org

We will be offering a certificate that will provide 3.5 CECs per day for this course
(Registrants are responsible for submitting CECs to ASFPM)