

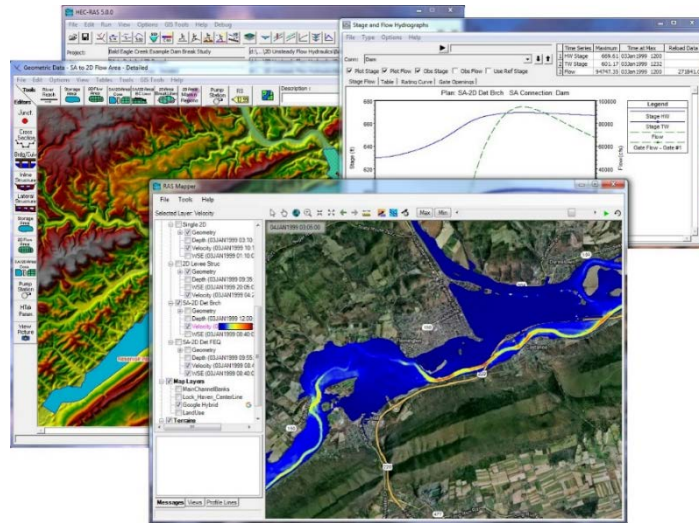
# HEC-RAS 5.0.5 Training

## 2-Dimensional Dam Breach Modeling

### November 27-29, 2018

The Ohio Dam Safety Organization has partnered with the Ohio Department of Natural Resources, Division of Water Resources, Dam Safety Section to provide comprehensive HEC-RAS 2-Dimensional flow and Dam Breach Analysis Training. Highlights of the 3-Day Course includes:

- Running an unsteady flow model
- 2-Dimensional Dam Breach Models
- Diagnosing a Dam Breach Model
- Lunch and light snacks provided
- Earn up to 24 PDHs!



#### LOCATION

**ODNR Assembly Center**  
**2045 Morse Road, Building C**  
**Columbus, Ohio 43229**

#### REGISTER

Register online at: [www.wmao.org](http://www.wmao.org)

Register **On or Before** Monday, November 5<sup>th</sup> .....\$775.00/seat

Register **After** Monday, November 5<sup>th</sup> .....\$875.00/seat

#### INSTRUCTOR – WEST CONSULTANTS

**Raymond Walton, Ph.D., P.E., D.WRE, F.ASCE**, has over 40 years of experience directing water resources studies throughout the U.S. and abroad. He is a nationally-recognized expert in multi-dimensional modeling of surface water, groundwater, and water quality systems. He has conducted river hydraulics, water quality and ecological modeling studies, including water quality modeling on the Columbia River in the Pacific Northwest. He has studied erosion and sedimentation for various rivers and coastal areas, including the Elwha River in Washington State. Prior to joining WEST, he worked at the Hydraulics Research Station in the U.K., taught at North Carolina State University, and spent 15 years with nationwide consulting engineering firms. He has written over 50 professional papers in the fields of hydraulics, environmental engineering, groundwater and surface water hydrology, and instructs HEC-RAS nationwide. He has worked with ASCE and ASTM committees on Environmental Software and wetlands monitoring developments, and reviews technical papers for several ASCE journals.