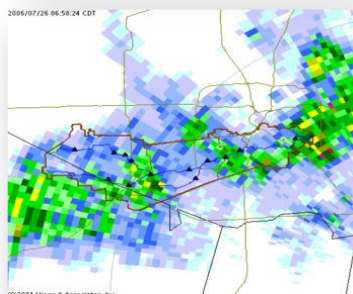


Advanced Hydrologic/Hydraulic Models for Decision Makers and Engineers

DECEMBER 7, 2011 | 8:30am - 5:00pm | RICE UNIVERSITY



An overview of the four most important breakthroughs in hydrologic modeling in years. This workshop will cover various applications of hydrologic modeling using HEC-HMS and HEC-RAS as example models. Applications will include watershed analysis, detention/reservoir analysis, dam breach analysis, calibration/optimization of hydrologic parameters, and real-time analysis. This seminar will provide a brief overview of the unsteady flow simulation feature of the HEC-RAS software package with a focus on examples of model input, output, and analysis applications.

In addition, Clint Dawson of University of Texas – Austin, will present the ADCIRC model for predicting storm surge in coastal waters. Flood alert systems using NEXRAD radar will be discussed in detail for Brays Bayou and City of Sugar Land.

Instructors: Phil Bedient, Rice University
Clint Dawson, University of Texas
Matthew Zeve, AECOM
Andy Yung, Dodson & Associates
Charlie Penland, Walter P. Moore

Fee: \$100 | **CEUs:** 7
Registration fee includes course materials and lunch.

Questions? Email sspeed@rice.edu



Register online at:
<https://signup.rice.edu/HydroModeling>