

WATER RESOURCES ENGINEERING & MODELING

FREE Model Training Workshop Series

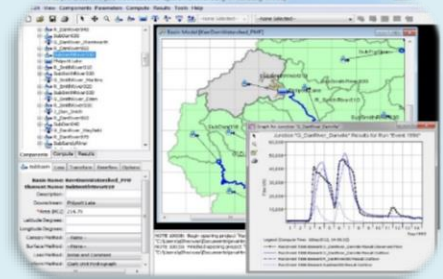
Saturday April 8th, 22nd, 29th - 9:30 am to 11:30 am
Texas A&M University, CE 217

WORKSHOP #1

Surface Water Hydrologic Modeling using HEC-HMS

Saturday, April 8, 2017, 9:30 am to 11:30 am

- Flood routing
- Rainfall-runoff response
- Design storm creation
- Introduction to distributed hydrologic modeling



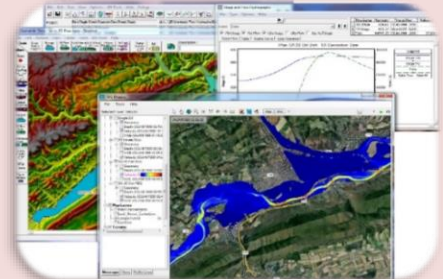
hec.usace.army.mil

WORKSHOP #2

Open-Channel Hydraulic Modeling using HEC-RAS

Saturday, April 22, 2017, 9:30 am to 11:30 am

- Floodplain analysis
- Channel improvements
- Tailwater influence evaluation
- Introduction to HEC-RAS 2D



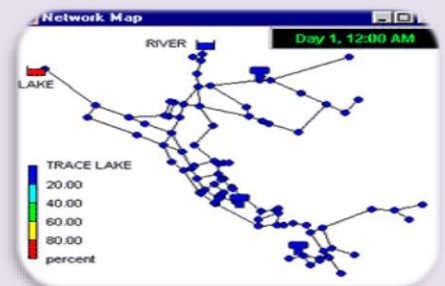
Brunner (2013)

WORKSHOP #3

Pressure Conduit Modeling using EPANET

Saturday, April 29, 2017, 9:30 am to 11:30 am

- Extended period pipe system analysis
- Hydraulic analysis
- Water age analysis
- Introduction to EPANET-MSX



Rossman (2000)

Workshop Instructor: Jacob M. Torres, Ph.D., P.E., CFM
Senior Project Engineer, LAN

Dr. Torres is a Senior Project Engineer with Lockwood, Andrews & Newnam, Inc. He completed his Ph.D. in the Department of Civil and Environmental Engineering at Rice University in May 2016. Dr. Torres has eight years of engineering industry experience encompassing areas of urban storm water management, surface water hydrology, riverine hydraulics, water distribution system planning, hydraulic transient studies, and related design. He resides and works full-time in College Station.



Questions and Registration

SEATS ARE LIMITED!

To register for the Workshop Series, please contact:

Avery Flessner

TAMU EWB

Vice President of Projects

vyprojects.ewbtamu@gmail.com