

Continuing Education Course

River/Reservoir System Modeling with WRAP

Texas A&M University, College Station, Texas
July 8-10, 2009

The two and a half-day course is designed for engineers and scientists employed by water agencies and consulting firms working in Texas or worldwide. The training is oriented toward new Water Rights Analysis Package (WRAP) users but will also be beneficial for those with significant experience with the model. Lectures, discussions, and computer modeling exercises will cover WRAP in its entirety focusing on fundamentals. The objective is for course participants to obtain a thorough understanding of the modeling system and proficiency in its application.

The Water Rights Analysis Package is a generalized modeling system for simulating the development, management, allocation, and use of the water resources of a river basin. The Texas Commission on Environmental Quality (TCEQ) Water Availability Modeling (WAM) System consists of WRAP along with input datasets for all of the river basins of Texas. WRAP may also be applied anywhere else in the world by developing input datasets for the particular river/reservoir system of concern. The model is used routinely in Texas in regional and statewide planning, preparation and approval of water right permit applications, system operations studies, and various other river/reservoir system management activities. The public domain WRAP software and reference, users, and supplemental manuals are available at <http://ceprofs.civil.tamu.edu/rwurbs/wrap.htm>.



Registration Information

Click **HERE** to register online or visit <http://watereducation.tamu.edu/>. For more information contact Courtney Swyden at cmswyden@ag.tamu.edu or (979) 845-1851.

Early registration fee, \$875 (received before June 19, 2009). Registration received on or after July 3, 2009, \$900.

Instructors

- Ralph Wurbs, Ph.D., P.E., Professor of Civil Engineering and TWRI Associate Director, has served on the Texas A&M University faculty since 1980 and has been involved with the development and application of WRAP since its inception in the late 1980's.
- Richard Hoffpauir has several years of consulting experience in applying WRAP both in Texas and abroad. He is nearing completion of his Ph.D. at Texas A&M University with his dissertation research focusing on expanding WRAP modeling capabilities.

Venue

The course will be from **Wednesday, July 8, 1:00 p.m., to Friday, July 10, 5 p.m.** in Room 214 of the Centeq Research Plaza (1500 Research Parkway) at Texas A&M University, College Station, Texas. Continuing Education Units will be awarded for completion of the course. Attendees are responsible for their own hotel reservations and travel. Information regarding local accommodations is available at the TWRI Training Course Web site.

Texas Water Resources Institute
Water Resources Training Courses
<http://watereducation.tamu.edu>


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