

CONTINUING PROFESSIONAL DEVELOPMENT WORKSHOPS

Workshop 1

WATERSHED & FIELD MODELING

Part 1: USING SWAT 2006

Saturday, March 10, 2007 1:00PM-6:30PM

Instructor: Jeff Arnold, Mauro Di Luzio, Santhi Chinnasamy, Balaji Narasimhan, Cole Green, Daniel Moriasi (USDA ARS and Texas A&M University)

Level of Difficulty: Entry Level to Intermediate

Credits: 5 Professional Development Hours

Minimum 10 participants

The workshop will include an overview of SWAT model and its latest additions (2006 version). The attendants will be also introduced to the updated AVSWATX, a GIS interface of the model developed for ArcView 3.3. AVSWATX is designed to provide an extendable environment including optional capabilities to the interface, such as the Automatic calibration tool, the SEA (SSURGO Extension for AVSWAT) and the Splitting tool. The attendants are invited to bring their own laptop with ArcView 3.3 and Spatial Analyst 1.1 (or later) installed. A CD with the new software will be distributed. The attendants will have a chance to get hands-on experience: starting from the set up of an AVSWATX project and ending with a SWAT 2006 model run and calibration.

WATERSHED & FIELD MODELING

Part 2: USING SWAPP: A SWAT AND APEX INTERFACE PROGRAM

Sunday, March 11, 2007 8:30AM-5:00PM

Instructor(s): Ali Saleh, Edward Osei, Jeff Arnold, Oscar Gallego (TIAER)

Credits: 7.5 Professional Development Hours

Minimum 10 participants

Soil and Water Assessment Tool (SWAT) and APEX (Agricultural Policy/Environmental eXtender) models are used to assess and evaluate various BMPs at field (using APEX) and watershed (SWAT) levels. However, these models are capable of simulating a limited number of scenarios individually. This CPD is in continuation of CPD 1 where after reviewing the APEX, SWAT, and SWAPP program which was developed to facilitate the simultaneous use of these two models will be introduced. Attendees are encouraged to bring their laptop to participate in this workshop.

COST: Full Workshop (Parts 1 & 2) \$275
Part 1: Only Saturday \$130
Part 2: Only Sunday \$185

Workshop 2

USING THE BACTERIA SOURCE LOAD CALCULATOR (BSLC) FOR TMDL DEVELOPMENT

Saturday, March 10, 2007 1:00AM-5:00PM

Workshop has been cancelled

Workshop 3

MODELING STRATEGIES FOR IMPLEMENTATION PLANNING

Sunday, March 11, 2007 8:30AM-5:00PM

Instructor: Gene Yagow, Brian Benham, Becky Zeckoski, Kevin Brannan, Kyle Hall (Virginia Tech)

Level of Difficulty: Entry Level to Intermediate

Credits: 7 Professional Development Hours

Minimum 10 participants

This workshop will provide participants with hands-on exercises and demonstrations of modeling strategies that can be used during development of implementation plans to achieve load reduction TMDL goals.

COST: \$185

Workshop participants will maximize their workshop experience if they bring along a laptop loaded with ArcGIS and Microsoft Excel, though laptops are not required, as procedures will be demonstrated with a computer projector and participants will be supplied with workshop notes and spreadsheet files with demonstrated samples.



SACVB/Photographer

Continuing Professional Development Certificates will be issued upon request for those attending the CPD workshops.