

ESHMC Training – Tools for Simulating Curtailment with ESPAM2.0

Friday, June 15, 2012

- 1) Introductions begin on Friday at 8:00 AM in the Idaho Water Center
6th floor Conference Rooms C & D**
- 2) Comparison of fully populated ESPAM2.0 model output and superposition
ESPAM 2.0 model output [8:15 – 9:30 AM]**
- 3) Break [9:30 AM – 9:45 AM]**
- 4) Overview [9:45 – 10:00 AM]**
 - a) Software used in simulating curtailment**
 - b) Input data**
 - c) Links for downloading software and input data**
- 5) ESPAM2 Curtailment IAR (Irrigated Area) Tool [10:00 AM – 11:45 AM]**
 - a) Input data**
 - b) Curtailment IAR Tool processing steps**
 - c) Running Curtailment IAR Tool from ArcToolbox**
 - d) Running Curtailment IAR Tool from Command Line**
- 6) Lunch on your own [11:45 – 1:00 PM]**
- 7) MKMOD8.1 [1:00 PM – 1:45 PM]**
 - a) Base files for superposition scenarios**
 - b) Revising MDL (model discretization) file for steady state and transient
scenarios**
 - c) Running MKMOD**
- 8) MODFLOW [1:45 PM – 2:45 PM]**
 - a) Steady state superposition files**
 - b) Transient superposition files**
 - c) Running MODFLOW**
 - d) Post-processing using BUD2SMP to extract flow rates from binary
MODFLOW output file**
- 9) Break [2:45 PM – 3:00 PM]**
- 10) Raster processing tips [3:00 PM – 3:15 PM]**
 - a) Using snap rasters to maintain raster alignment**
 - b) Clipping rasters using ArcToolbox Data Management Tools**

- 11) **POD file processing tips [3:15 PM – 3:30 PM]**
 - a) **Effects of clipping file in areas modeled with off-site pumping**
- 12) **Wrap up and questions [3:30 – 4:00 PM]**

GoToMeeting audio dial-in: (213) 289-0010

Access Code: 325-265-880

Note: GoToMeeting will be utilized to transmit as many of the presentations as possible. Jennifer Sukow will facilitate the GoToMeeting effort.