

**District-Wide Regulation Model &
Focus Telescopic Mesh Refinement:
*A One-Day Hands-On Seminar***

April 14, 2009

**Instructor:
Jim Rumbaugh**

Environmental Simulations, Inc.
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**Location:
Hilton Tampa Westshore
2225 North Lois Avenue
Tampa, Florida 33607
Phone: (813) 877-6688
www.hilton.com**

**Cost
\$250**

Cost includes lunch each day
Participants are asked to bring a laptop computer
Contact Jim Rumbaugh (see above) to Register
Limited to ~40 participants

Instructor Bio:

Jim Rumbaugh, hydrogeologist and groundwater modeler, has over 25 years of experience in application of groundwater models and in development of groundwater modeling software tools. He is the co-author of the Groundwater Vistas software and is President of Environmental Simulations, Inc., a company that specializes in groundwater modeling. Jim is an active member of the American Society for Testing and Materials (ASTM) where he is a past Chairman of ASTM Subcommittee D18.21 on Groundwater and Vadose Zone Investigations. Subcommittee D18.21 was funded by U.S. EPA to develop standards for groundwater modeling practice. Jim was honored by the National Ground Water Association with the 1999 John Hem Excellence in Science and Engineering Award by NGWA. This award is given to those who have made a significant, recent scientific or engineering contribution to the understanding of groundwater. Jim teaches groundwater modeling seminars throughout the USA, Europe, Australia, and New Zealand. The Australia and New Zealand seminars are co-taught with John Doherty, author of the PEST calibration software.

Registration:

To register for this seminar, simply send Jim an email at JRumbaugh@GroundwaterModels.com or give us a call at (610) 670-3400. Invoices will be sent out approximately 6 weeks prior to the course date. Payment can be by check, credit card, or wire transfer to our bank.

The course is limited to about 40 attendees.

Other Notes:

- Lunch will be provided. Please let us know if you have special dietary needs at least 2 weeks prior to the course.
- Please bring a laptop computer to the seminar. If you do not have a license for Groundwater Vistas on the laptop, we will provide a temporary license for the seminar. Groundwater Vistas Version 5 will be used in the seminar, along with the latest version of DWRM.
- The seminar starts at 8:30 am and will end by 5:00 pm
- Unlike previous consultant briefings on DWRM and Focus TMR, this seminar will be a hands-on course where we will go over the use of DWRM in detail using Groundwater Vistas and your laptop computer. We will start the seminar with a briefing on the status and latest developments in DWRM, but the main part of the course will be devoted to application of the model and Focus TMR to water use permitting in SWFWMD.