



Urban Watersheds Research Institute

P.O. Box 460767, Glendale, CO 80246; Tel. 720-873-0172; Web: UrbanWatersheds.org

The *Urban Watersheds Research Institute* (UWRI) is a nonprofit organization whose goal is to work with local, state and federal governments and professional organizations to facilitate technology development and transfer on topics related to urban water resources and special needs of urban watersheds and their ecologies.

UWRI is pleased to offer its first 2005 seminar on:

EPA's new *SWMM* 5.0 and Urban Drainage and Flood Control District's new *CUHP* Interface

When: June 29 and 30, 2005 at 8:30 a.m. to 5:00 p.m. each day
Where: Class to be held at The Training Center at the City of Aurora Municipal Building,
15151 E. Alameda Parkway, Aurora, Colorado.
Cost: \$495.00 (includes class notes, and software)

WHY to learn *SWMM*-5

Earlier this year EPA released its long awaited upgrade of the Storm Water Management Model (*SWMM*) version 5.0. This fully graphical user interface (GUI) software has much greater capabilities than the *UDSWM* package used by the Urban Drainage and Flood Control District (District) until this time. Because of a dire need to upgrading its own software to a GUI-based package, the District has elected to switch from *UDSWM* to [EPA *SWMM* 5.0](#) in 2005. In addition, the District has rewritten its *CUHP* software to run with an Excel user interface and to also transfer its output to *SWMM* 5.0.

Course Coverage

This training course will teach the basics of both packages and how to use them for fundamental stormwater systems analysis. This will be hands-on intense two-day training course. By the end of these two days you will have a working knowledge on how to use both packages and how to apply them to a variety of stormwater hydrology development problems, including analysis of complex systems of waterways, detentions, diversions, etc.

Although *SWMM* 5.0 is capable of dynamic routing, emphasis during this two-day course will be on kinematic routing features.

Software Installed on Your Laptop

A limited number of computers will be available in the classroom. You are encouraged to bring your own Laptop (need to be equipped with Excel 97, or higher, and Windows 98 SE, or higher operating system) and we will install the software packages for you. So when you register indicate on the registration form if you will bring a laptop with you.

Instructors

The course will be taught by Larry Roesner, PhD, P.E. and two of his graduate students, Lewis Rossman of EPA who wrote the *SWMM* 5.0 software, Ben Urbonas, P.E. who developed the original *CUHP* package used today, and John-Michael O'Brian a student intern who wrote the new *CUHP* software package and its interface with *SWMM* 5.0. Other experienced instructors may also contribute in teaching and/or hands-on practices.

The size of the classroom limits this class to 30. Space will be reserved on the first-come first-enrolled basis. To assure for yourself a space we suggest you fill out the accompanying enrollment form and send it to us as early as you can.

For more information call at 720-873-0172, or send an e-mail to enrollment@urbanwatersheds.org



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Cut along line and send in this lower portion

Course Enrollment Form

Please enroll me in the **SWMM 5.0 and new CUHP Interface** class.

Name: _____

Organization: _____

Address: _____

City: _____, State: _____, ZIP: _____

Telephone: _____ (day time) _____ (evening)

E-mail: _____

OPTION: I will ____, will not ____ bring a laptop computer to classroom.

To register, fill out this form, make a check payable to *UWRI* in the amount of \$495.00, and mail both to:

Urban Watersheds Research Institute, Inc.
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