

QUARTERLY NEWSLETTER

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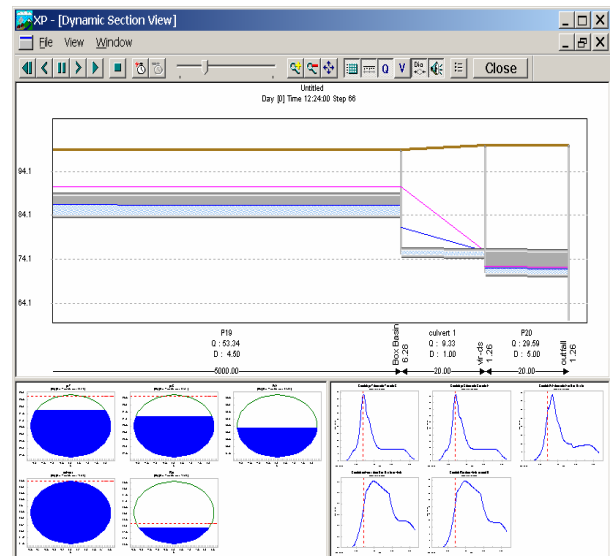
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XP SOFTWARE ANNOUNCES THE RELEASE OF XP-SWMM VERSION 8.5!

XP-SWMM2000 V8.5 offers scenario management control and more! With the release of the new version of XP-SWMM2000 you will be able to manage your projects more easily than ever.

XP Tables has undergone a drastic make over. You can now explore, track and ultimately choose from a variety of scenarios with a new hierarchical variable selection method and resizable dialog list. XP Tables also now supports multiple worksheets, filters and graph the results from multiple storms onto a single graph.

We have added new wizards to speed and to eliminate the guess work. Import External Databases now also includes an Export Wizard to update the source database or to provide results directly linked to a GIS. There's also a wizard available to help initiate projects, including defining global data and setting node and link default values.



Additional Enhancements include:

- Colorado Urban Hydrograph Procedure (CUHP) is now supported.
- There is now a utility available that will let you read EPA-SWMM 4.4H and Hillsborough County 4.31B files and create an XPX file for importing into XP-SWMM.
- New advances in Water Quality and the Real Time Control (RTC) module.

XP-SWMM USED AS FIRST EXAMPLE IN EPA AND NSF TESTING PROGRAM

XP-SWMM2000 has undergone a rigorous testing program under the wet weather flow pilot, an EPA/NSF Environmental Technology Verification (ETV) Program. Performance and verification testing found favorable results in all three of the layers of XP-SWMM; runoff, sanitary and hydraulic. According to Donna B. Hackett of NSF Inter-

national, "XP-SWMM provides a framework for the user to input data consistently, build models efficiently and review results effectively. This then allows the user to concentrate on how the model simulates the natural system, the interpretation of the simulation results and the conclusions drawn from such results."



Planning Without Modeling Is a Luxury You Can No Longer Afford.

FREQUENT MEDIA COVERAGE IS DEVOTED TO THE SUPPLY OF OUR NATION'S WATER, BUT PERHAPS IT IS TIME TO TAKE A LOOK AT OUR STORM AND SANITARY PIPE SYSTEMS.

Chances are, the city you live in has millions of dollars invested in underground pipes, but in what condition are they?

Americans rely on these pipes to deliver clean water, remove excess water, and mitigate flooding. Frequent media coverage is devoted to the supply of our nation's water, but perhaps it is time to

take a closer look at our storm and sanitary pipe systems. An increasing number of municipalities face challenges in their plight to supply current demand for their populations. In some cities, antiquated storm and sanitary pipes are reaching the end of their lifespan and need to be replaced. Other communities are finding the need to enlarge or replace their systems to meet current demand levels.

Models play an integral role in the assessment of long term costs associated with the design, build, operations and maintenance of pipes and infrastructure assets. Although models do require some investment, the funds spent on modeling are a fraction of construction. The return on investment in good modeling software can be astronomical.

Hydrological models provide a tool for engineers to validate their designs and run simulations prior to construction. Problems can be mitigated or avoided with proper modeling. Models also provide valuable financial and environmental impact information, which helps planners decide on the Best Management Practice.

Recommendations derived from the results of model simulations help to form the basis for intelligent cost-

effective capital improvements. A high level of precision allows planners to avoid costly over-design, sometimes saving municipalities millions of dollars during design stages.

Operational costs of existing systems can be lowered by proper modeling. Analysis of the model can reveal weaknesses in the system which can lead to losses in efficiency and higher operational costs. Most importantly, models can help prepare for catastrophic events. Simulating and preparing for 100 year storm events can save property and lives.

XP Software is one of the most trusted names in hydraulic and hydrological modeling. Trusting the health and success of storm and sanitary networks to XP Software is a decision confirmed by nearly one thousand municipalities nation wide.

XP-SWMM OFFERS A SOLUTION

PROFESSIONAL SERVICES: XP SOFTWARE'S TEAM OF ENGINEERS DELIVERS A NEW BREED OF EXPERTISE



XP Software has reorganized internal structures to better meet the needs of our clientele. The new Professional Services division offers clients a variety of resources, including: public training, in-house training, implementation, custom engineering and modeling services.

New clients can ensure optimal productivity in their new investment with XP-SWMM by choosing a qualified expert to assist with system conversions, custom reporting,

workflow optimization, and data set-up. Both public training workshops and customized in-house training are available.

Occasions often arise in which projects must be completed with limited resources under deadlines without sacrificing quality. The professional services team is uniquely positioned to react quickly to the evolving needs of the engineers who rely on our software. At virtually a moment's notice, one of our engineering experts can assist with **XP-SWMM modeling, QA/QC or model optimization.**

Our professionals have an average of more than twenty years of engineering experience and are able to draw upon a diversity of knowledge to provide timely and cost effective services. Most importantly, our staff is committed to delivering the highest level of customer service and expertise in the industry.

XP-SWMM TRAINING

PORTLAND, OR, OCT. 21 & 22, 2002
& CHICAGO, IL, NOV. 18 & 19.

Our current workshop will concentrate on the application of XP-SWMM2000 for storm water quantity/quality and wastewater modeling. This course will benefit all water resources engineers in their understanding of the engineering problems that are handled by XP-SWMM2000, setting up, and maintaining an XP-SWMM model. Users will advance their modeling skills by applying XP-SWMM2000 to typical engineering problems such as surface flooding, pond outlet structures, inlet restriction, dual drainage and sewer overflows. Special emphasis will be placed on the new features of version 8.5.

Registration fee is \$995.00 per person. This cost includes workshop notes and a trial version of XP-SWMM. **Attendees also have the option to purchase a 10-Node license of XP-SWMM for \$100.00 at time of registration.**

To Register: Call training services toll-free at 1-888-554-5022

Or register over the internet! Visit our on-line registration site at: http://www.xpsoftware.com.au/store/form_workshop.htm

Products

XP-SWMM

XP-UDD

XP-12D

XP-GIS

XP-RAT

XP-Culvert

Services

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Training

Public
Workshops

Custom
Integration

Sub-consulting

About XP Software

XP Software has provided civil engineers and municipalities with award-winning software for hydrology, drainage, sewage, water supply and water-quality applications since 1970. A pioneer in dynamic hydraulic software in Australia, XP Software currently maintains offices worldwide. Our flagship product, XP-SWMM2000 is the only comprehensive software package that provides all the major hydrology methods to allow you to estimate your storm water inflows, waste water, dry weather and infiltration flows. The software provides a fast solution for analyzing the design of your most complex hydraulic networks; including loop, boundary conditions and distributed storage structures.

For more information or for a complimentary evaluation license, please visit www.xpssoftware.com.

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Or Visit us!

Meet the staff of XP Software, here's where we'll be in 2002:

APWA Kansas City, MO September 22 - 25

WEFTEC2002 Chicago September 28 - October 2

XP-SWMM2000 Training Workshop, Portland, OR. October 21 & 22

APWA Wisconsin November 13 -15

XP-SWMM2000 Training Workshop, Chicago, IL. November 18 & 19

CPWA Toronto, Canada December 4 -5