

IN THIS ISSUE: Presenting xpswmm, xpertcare Update, Flood Education, Expanded Services, Training



XP Software
Q2 Newsletter
August 2008

With the realization that much of our infrastructure is outdated, and with our world's changing climates, it's more important than ever to understand what will happen in the case of a major storm event. That's why so many in our industry are turning to **xpswmm** and **xpstorm** with **xp2D** for overland flow. It's also why they're doing their best to teach others about these important tools. The following are presentations that have been or will be given at this year's industry conferences:

ASFPM Conference, May 2008

Colby Manwaring, P.E., President of XP Software, presented a technical paper entitled "**Modeling Overland Flooding in Urban Areas using both 1D and 2D Hydraulics of xpswmm**". The presentation was composed of a brief overview of the 1D/2D modeling conceptual approach and advantages gained by using this approach in urban flood modeling. Three case studies were presented to illustrate the success of the 1D/2D approach: West Billings, Montana study of flooding caused by streams and ditches in very low relief areas; Minnehaha Creek, MN study of interconnected wetlands and drainage channels; Meadowbank, Australia, study of street and overland flooding in a highly urbanized coastal area. Contact Colby for copies of the slide presentation if interested.

FMA 2008, September 2008

David S. Smith, P.E., CFM, D. WRE with WEST Consultants will be presenting "**1D and 2D Hydraulic Evaluation in the City of Petaluma using xpswmm**". This presentation is a case study describing the calibration of a city-wide **xpswmm** model for Petaluma, CA based on the New Year's Storm of 2005-2006. Data used for the calibration included stream gage data as well as a flooding map prepared by the City representing a compilation of eye witness accounts of flooding extents and video taken from a helicopter near the peak of the flooding. An overview of the model calibration is presented emphasizing the usefulness of a model that combines hydrology and hydraulics (both 1D and 2D) for calibration of a complex flooding situation.

ICUD 2008, September 2008

Dr. Thamer Ahmed Mohammed, Assoc. Prof. Department of Civil Engineering, Universiti Putra Malaysia will be presenting a paper entitled "**Evaluation of xpswmm sub-models in predicting flood for tropical urban catchment**".

The xpsoftware.com website has information for you.

Looking for information about XP Software products but don't know where to look? Click on the following to see

[xpswmm demo video](#)

[xp2D demo video](#)

[Case Studies](#)

[Trial Version of xpswmm](#)

[Support](#)

[XP Users Forum](#)

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- Quarterly *Service Pack* updates in addition to an annual upgrade with new features and enhanced functionality. The quarterly Service Pack updates address maintenance and repair requests. We just released our second quarterly update with SP-2 (Service Pack 2 10.6.2) for both **xpswmm** and **xpstorm**, which includes feature upgrades and nearly 50 recognized maintenance items. Click on the icon to the right to download SP2!
- Access to our *Service Requestor* portal at www.xpsoftware.com. Service Requestor provides guaranteed access to our support team of experienced hydrology and hydraulics engineers for answers to any modeling question – from installation to engineering support. We're happy to help.
- Access to a *Knowledge Bank* of categorized Support Issues on any title. Don't forget the FAQ section for the most commonly asked questions and corresponding answers.
- Quarterly on-line *educational videos* (primers) throughout the year with tips and tricks to help gain the most of your software investment. **xpertcare** also offers discounts on training opportunities from XP Software. Click on the image to the right to view this quarter's primer!

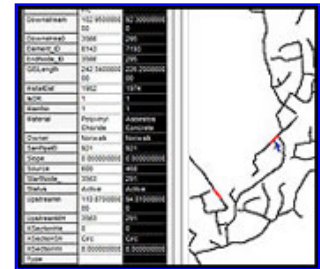
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FLOOD EDUCATION SEMINARS by XP Software



In conjunction with floodplain management associations and engineering consultants, XP Software has begun offering 1 day seminars on the topic of flood modeling using both 1D and 2D hydraulic modeling approaches. With the proliferation of modeling tools and the increasingly urgent need for accurate flood modeling, many engineers are looking for expert guidance on how to properly represent a flood event with numerical models. Drawing on their years of numerical flood modeling experience, Colby Manwaring, P.E. and Tony

WHY FLOOD EDUCATION?

Learn about new technologies for flood modeling and mapping.

Kuch, M.Eng of XP Software have created an overview of modeling principles and practical application of numerical modeling to solve today's complex flooding problems.

Thus far in 2008, this Continuing Education seminar has been presented in Dallas and Houston (in conjunction with TFMA), at the ASFPM Annual Conference in Reno, NV, and at several engineering consulting firms. Call XP Software if you would like more information about hosting or attending one of these seminars. Continuing Education Units (or PDH's) are available and very low or no fees are charged for attendees.

Learn to integrate hydrology, 1D hydraulics (pipes and open channels) and 2D hydraulics (overland flow) in one model.

Sharpen your modeling skills and earn CEU's.



XP Software has expanded its team of technical professionals to provide extended hours of technical support through our xpertcare program. According to Anthony Kuch, VP of Client Services *"with our additional staff of modeling professionals we are able to provide timely and accurate responses for the vast majority of our customers. Utilizing our geographic representation in both North American and Australia along with our Web based Service Requestor our clients are able to receive comprehensive solutions to their modeling issues."*

Beginning at 8AM EST, clients will receive technical support responses from Tom Barnard, PhD. P.E. our senior modeling engineer located in Pennsylvania. Tom has over 25 years experience in Water Resources and Water Quality Engineering as a consultant, researcher, educator and author.

At 8AM PST, our Portland, Oregon office engineers will begin providing support. Recent additions to the Client Services team in this office include Kathleen Freeman and Chris Crawford. Kathleen has been working for Cardno WRG Design for the last 5 years in the Water Resources Department designing stormwater conveyance, detention and treatment facilities. Chris has over 20 years consulting experience in water resources engineering.

Beginning 8AM EAST (Australian Eastern Daylight), our team of engineers and developers located in our Canberra, Australia offices provide support for our global customer base.

Customer support in South Korea and Japan is provided in native languages by our business partners for both the Korean and Japanese versions of our software.



In Memoriam

We are sad to report that we've lost an important member of our XP family. Martin worked at XP for over 9 years in the Client Services Department as our lead engineer and senior support specialist. He enjoyed daily interaction with customers in solving issues as well as assisting with their projects. His loss is felt by staff and clients alike. Martin's pride and joy in life was always his family, and especially his first grandchild, pictured here together. We miss him more than words can express.

training opportunities



Our public workshop training opportunities offer a wealth of information for both novice and expert **xpswmm** and **xpstorm** users. First-time users will learn everything necessary to start on the right foot with real-time examples and real world knowledge. Experienced users will be introduced to new

YOU ARE ALSO WELCOME TO VISIT US AT A TRADE SHOW!
It has been a full year of

features and functions released in recent months, and will have the opportunity to refresh their skills. Product vouchers are provided, and continuing education credits are available in the U.S. and Canada. Be sure to join us at one or more of our upcoming training venues and you will become another satisfied client who can **Model With Confidence**.

Additional training services include onsite training and internet based training. Call our sales office for details on these or any other workshop.



Portland, OR, USA (Rescheduled from Seattle)
15, 16 & 17 September 2008
Sanitary & Combined Sewer Modeling with **xpswmm**



Calgary, AB, Canada
15, 16 & 17 October, 2008
Introduction to Stormwater, Sanitary & Flood Modeling with **xpstorm** & **xpswmm** with **xp2D**



Kansas City, MO, USA
17, 18 & 19 November 2008
Stormwater Management & Flooding with **xpswmm** & **xpstorm/xp2D**

(Find information as it is made available on our website)

trade shows and exhibitions for XP Software! If you are attending one of the following trade shows, stop by our booth, meet our staff and be sure to get a demonstration of our latest software and associated modules.

StormCon
3-7 August 2008
Orlando, FL, USA

NZWWA 50th Anniversary Conference
23-26 September, 2008
Christchurch, NZ

WEFTEC
19-22 October 2008
Chicago, IL, USA

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