

# MEDIA RELEASE



## For Immediate Release

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## XP Software Announces Release of **xpswmm** Version 10

5/1/2006 Portland, OR – XP Software, a world leader of hydrology and hydraulics software products, announces the latest release of its flagship product **xpswmm** V10. This comprehensive software package provides an environment for building models that describe urban stormwater, sanitary sewers, river flooding and pollutant transport. With this release users now have the option for a powerful 2-dimensional modeling capability. Additional enhancements include a layer control panel, enhanced XP Tables capabilities, DTM integration and expanded BMP capabilities.

“**xpswmm** version 10 upholds our vision of being a leading global provider of products and services for professionals involved in improving social and physical infrastructure,” says Geoff Thompson, President & Director of XP Software. “It’s the most significant development we’ve completed since the creation of **xpswmm**. The underlying engine is greatly enhanced and it represents the physical attributes of land and water flow better than ever.”

**xpswmm** models are used for the analysis, design and operation of storm and wastewater systems. The software also simulates flow and pollutant transport and treatment in engineered and natural systems including ponds, rivers, lakes, floodplains and the interaction with groundwater.

**xpswmm** is a dynamic unsteady flow model rather than a steady state or standard step model, therefore the program is capable of delivering results far more accurately and closer to real life than a steady state model. Dynamic models allow the effects of storage and backwater in conduits and floodplains and the timing of the hydrographs to yield a true representation of the HGL at any point in space and time. **xpswmm** is approved by the US Federal Emergency Management Authority (FEMA) under multiple categories and results are now accepted for steady state, unsteady state, hydraulic or hydrological applications.

### New features in V10 include:

- A **layer control panel** has been added to aid in the management of objects such as links, nodes, text, polygons, polylines and background graphics. This movable/dockable window allows users complete control of their desktop workspace.
- **XP Tables** have been expanded to a full tabular reporting tool that allows such features as grouping of columns with subheadings, font and color selection, text alignment and rotation, ability to create custom variables and conversion of the units.
- The **storage/treatment capabilities** that were previously only found in the Sanitary mode are now accessible for subcatchments in Runoff mode and Hydraulics mode. This means that the model can now simulate LID at the catchment level and regional BMPs in all modes.
- Draw **catchment polygons** on screen or import catchment polygon objects from GIS for modeling. The catchment polygon can be graphically attached to the node where it drains, and the area of the catchment is automatically associated to the node’s subcatchment area.

- A **DTM add-on module** allows the user to import, triangulate and display a surface TIN. This option enhances the modeling experience by allow the user to directly and indirectly use the surface in building the model. Moving the mouse on the TIN displays X, Y and Z coordinates in the status bar in real time. Node ground elevations can be automatically assigned from the elevation of the TIN surface model.
- A **2D add-on modeling** option simulates overland flow from flooded manholes or flow in floodplains. The 2D hydrodynamic engine, TUFLOW, that has been incorporated, allows integrated 1D and 2D modeling. A set of objects have been created to construct the 2D model and integrate the 2D domain with the familiar 1D link-node network.

An updated edition of the Getting Started manual accompanies each new purchase of **xpswmm**. All purchases of XP Software include 12 months free product upgrades & technical support. Comprehensive training classes are also held around the world. Visit our web site for the complete schedule:

<http://www.xpsoftware.com/training/default.htm>

### **About XP Software**

XP Software is an established world leader of hydrology and hydraulics software products. Since 1974 the company has maintained a tradition of excellence in the development, marketing and support of hydro-environmental applications.

Currently over 4,000 organizations around the world are licensed users of XP Software products. XP Software clients range from sole practitioners to city municipalities, counties, leading authorities and global consulting firms with over 5,000 staff.

XP Software's global approach, utilizing partners in Australia, North America, South Korea, Malaysia, France and Japan, places XP Software at the leading edge of the hydro-environmental software market with rapidly evolving associated management systems including GIS, FIS, SCADA and Asset Management systems.

XP Software's North American office is located in Portland, OR. World headquarters are in Canberra, Australia.

For more information visit [www.xpsoftware.com](http://www.xpsoftware.com) or contact your local office.

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