

Schlumberger Water Services Launches Visual MODFLOW 3D-Builder

The Next Generation in Conceptual Model Building

WATERLOO, Canada, October 3, 2008 - Schlumberger Water Services (SWS) announced today the release of Visual MODFLOW 3D-Builder*, an add-on module designed to work in combination with the industry-recognized Visual MODFLOW* flow and contaminant transport modeling simulation software program. Visual MODFLOW 3D-Builder provides its users with advanced capabilities for building conceptual models within a unified modeling environment that is completely independent of the numerical grid.

“The fundamental principle behind Visual MODFLOW 3D-Builder is its power to seamlessly shorten the gap between working with GIS data and building the numerical model,” stated Martin Draeger, Marketing Manager for SWS. “By maximizing the amount of readily-available data and building the model independently from the grid, our customers will gain an in-depth understanding of their groundwater flow system at the beginning while saving considerably more time when calibrating the model at the end,” he continues.

With Visual MODFLOW 3D-Builder, users are able to:

- **Build a conceptual model of the groundwater system, prior to the simulation** - The geological formations, property model and boundary conditions are all designed outside the numerical grid; this allows the flexibility to adjust the interpretation of the groundwater system *before* applying the numerical grid and converting to a numerical model
- **Build the model with minimal data pre-processing required** - Working with grid-independent data allows users to maximize the use of their existing GIS data and incorporate physical geology and geographic conditions before designing the grid
- **Generate and simulate regional and local-scaled models** – With support for MODFLOW2005-LGR, users are able to design local grids around the area of interest, directly within the 2D/3D conceptual model environment. Calculated heads from a regional model can also be used as boundary conditions for local-scaled models
- **Design the correct model faster** - The grid-independent raw data is left intact and is not constricted by grid cells when modifying the model due to changes in the data or project objectives
- **Make changes to the model data and immediately see results** - The conceptual model environment provides simultaneous 2D/3D views which translates to automatically seeing the results whenever changes to the data are made

Working within a dynamic, multiview, and grid-independent environment, Visual MODFLOW 3D-Builder delivers the functionality and flexibility to improve the quality and credibility of your numerical model. Visit www.swstechnology.com/software to download a demo.

About Schlumberger Water Services

In 2001, Schlumberger created Schlumberger Water Services, a global organization leveraging leading-edge technologies for worldwide water resource management applications. Through investment in water industry expertise and proprietary technology, Schlumberger Water Services has established leadership in aquifer evaluation, characterization, and groundwater resource management. Capitalizing on Schlumberger global presence and support infrastructure, Schlumberger Water Services has successfully completed numerous projects in six continents, helping to meet future water demands in a wide variety of environments and applications. Schlumberger Water Services experience and technology provides its clients with the decision-making framework for addressing short and long-term water challenges and solutions to minimize uncertainty and reduce risk, even under extremely challenging conditions. For more information, visit www.water.slb.com.

About Schlumberger

Schlumberger is the world's leading oilfield services company supplying technology, information solutions and integrated project management that optimize reservoir performance for customers working in the oil and gas industry. The company employs more than 84,000 people of over 140 nationalities working in approximately 80 countries. Schlumberger supplies a wide range of products and services from seismic acquisition and processing; formation evaluation; well testing and directional drilling to well cementing and stimulation; artificial lift and well completions; and consulting, software, and information management. In 2007, Schlumberger operating revenue was \$23.28 billion. For more information, visit www.slb.com.

For more information, contact:

Danilo Duran
Products Marketing Specialist
Schlumberger Water Services
(519) 746-1798

dduran3@slb.com
sws-sales@slb.com
www.swstechnology.com