

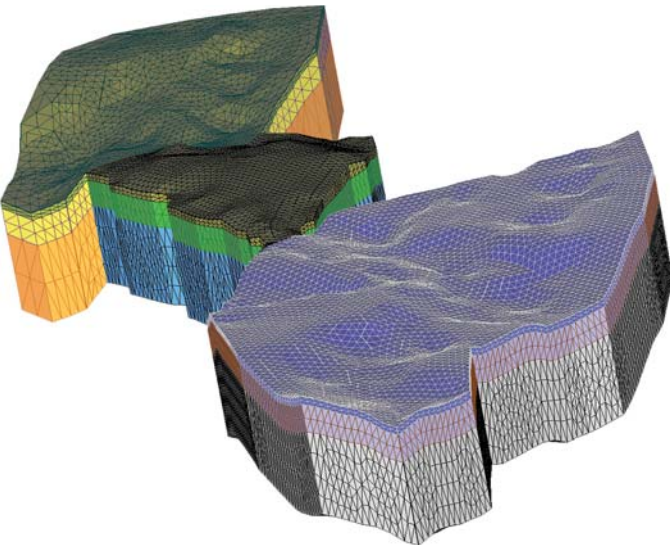


SOILVISION[®] SYSTEMS

PRODUCT CATALOG



SVOFFICE 2006
Next Generation Geotechnical Software

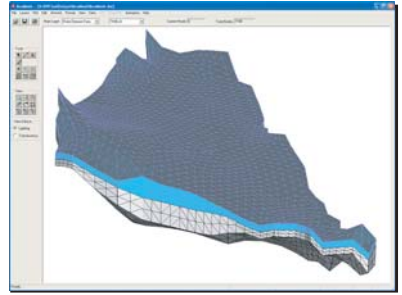


NEXT GENERATION GEOTECHNICAL SOFTWARE

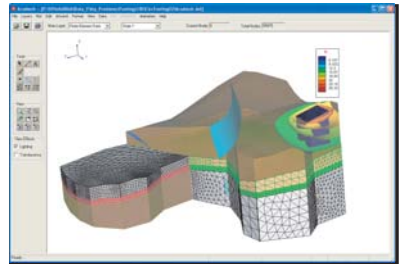
PRODUCT OVERVIEW



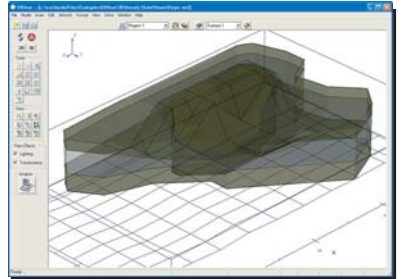
SVFlux 1D/2D/3D is the state-of-the-art groundwater seepage modeling software. Features include unsaturated analyses, transient analyses, probabilistic analysis, and evapotranspiration analysis. When it comes to groundwater modeling, SVFlux is unmatched.



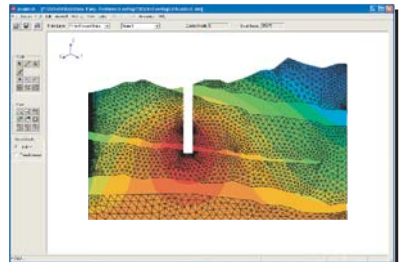
ChemFlux 2D/3D is software for contaminant transport modeling. Designed to work along with SVFlux, ChemFlux easily performs particle tracking analyses. More complex processes such as advection, diffusion, absorption and decay are made simple with ChemFlux.



SVHeat 2D/3D software is designed to model the freeze/thaw processes. The modeling of heat conduction through unsaturated soils is available in both steady and transient state, allowing the user to analyze ice to water phase changes over time.



SVAirFlow 2D/3D modeling software is designed to model the soil vapor extraction process. Vapor intrusion through a structural foundation can be analyzed over time and is made easy using SVAirFlow.



OUR MODELING SOFTWARE

Our modeling software is designed to allow you to push the boundaries of numerical modeling. Our core competencies have allowed numerous companies to solve previously "unsolveable" problems. Let us show you what sets us apart.

WHAT SETS US APART

1D/2D/3D Analyses - Our modeling software is able to perform true 1D, 2D, and 3D analyses. Simple 1D soil-cover analysis models as well as 2D or full 3D rigorous models may be created.

Automatic Mesh Refinement - Our modeling products remain the only geotechnical finite element software to implement automatic mesh refinement. *Automatic Mesh Refinement* adds nodes to zones of critical calculations, refining results for added reliability. *Automatic Mesh Generation* is also implemented to get you started fast. The result is amazingly complex grids with little user effort involved.

Reduced Modeling Times - Our advanced grid generation and refinement features as well as our streamlined region-based user interface result in significantly reduced modeling times.

Unsaturated Capabilities - SoilVision Systems is the leading firm in the application of numerical modeling to unsaturated soils. Our modeling software products are equipped to handle saturated and unsaturated analyses in 1D, 2D, and 3D.

Powerful Groundwater Modeling - SVFlux is a comprehensive and sophisticated modeling tool. Features such as evapotranspiration allow for full climate coupling, while stochastic analysis brings a level of certainty to a set of model runs.

Advanced Applications - Our software allows solutions not previously possible with other software. A host of new applications have been discovered with the ever-increasing abilities of our software. New uses for our modeling software include heap leach pad analysis, tailings pond drain-down analysis, landfill slope stability, and slab on ground applications.

Customizable Solutions - the partial differential equations for our solutions are available to be changed by you, the end user. Our software is ideal for research applications or high-level projects where advanced formulations may be tested.

Probabilistic Methods - our packages implement stochastic methods to allow for statistical representation of modeling results. A mean and standard deviation may be entered for saturated hydraulic conductivity, for example, and the impact on flow rates examined.

SVOOffice 2006 represents a complete re-design of our software systems in the Microsoft .NET programming environment. Product development focus has increased useability of the interface as well as improving the data management abilities of the software. The software is highly visual and allows creation of 3D models in a 3D OpenGL environment. We hope you will enjoy the many improvements!

New User Interface - Many improvements that simplify and standardize operations have been made.

Fully Visual 3D Model Development - Models can be built fully while visualizing in 3D. Boundary conditions and soil properties are now represented graphically in 3D models.

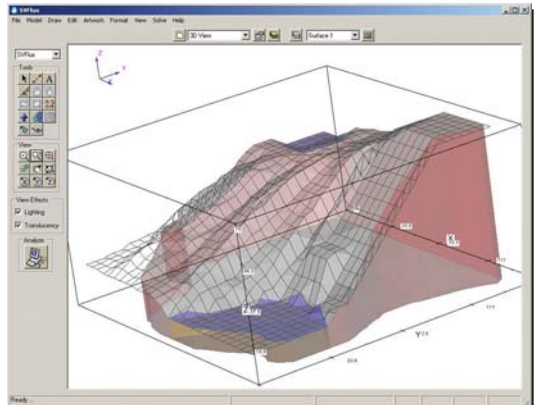
Simple To Use - Our new highly visual graphical interface allows our models to be created in the shortest time possible. Are you a new user? No problem! Intuitive design and extensive help capabilities will have you up and running in under 30 minutes.

Product Integration - All our SVOOffice applications are integrated into a single software user interface. Users can flip between front-end model development and back-end AcuMesh visualization with the click of a button.

Enhanced Data Management - New XML data storage format means that software speed and flow is greatly improved. Even large and complex 3D models operate seamlessly.

Integrated Help Systems - Built-in and comprehensive online help systems are now available.

Robust Installations - The .NET development environment provides increased robustness in worldwide installations.





SVOFFICE

Next Generation Geotechnical Software

2006

FREE STUDENT VERSIONS

Student versions for every modeling software package are available for free. Enclosed in this brochure is a free demonstration CD. You may also visit our website www.soilvision.com to download a free student version.

PRODUCT TRAINING/SUPPORT

Training by qualified professionals is available on our products through a number of different avenues. Short courses at various locations around the world are offered each year which are put on by highly qualified Geotechnical engineers. Web training by experienced numerical modelers is also available for the novice user as well as the advanced user looking to extend our software into "uncharted" territories.



SOILVISION[®]
SYSTEMS

CONTACT US

640 Broadway Ave., Suite 202
Saskatoon, SK, Canada
S7N 1A9

Tel: +1.306.477.3324
Fax: +1.306.955.4575

Email: contact@soilvision.com
Visit our website at...

WWW.SOILVISION.COM