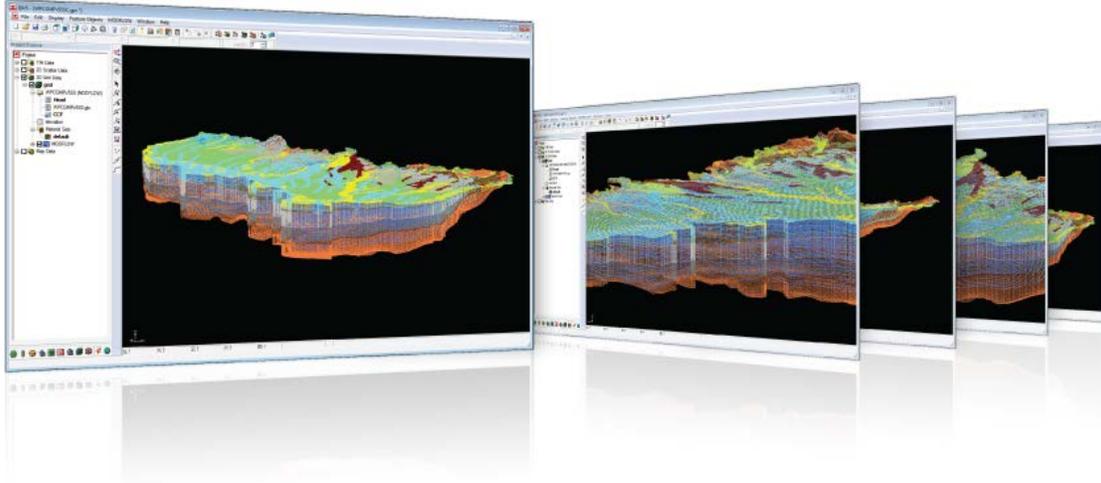




TIPS
Technical Innovation
And Professional
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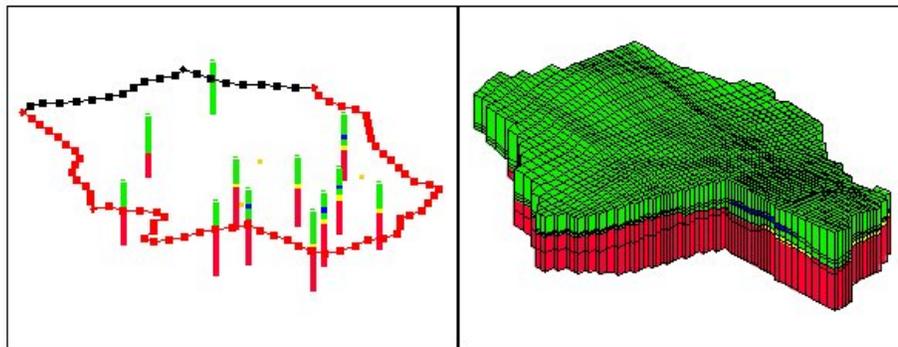
Advanced 3D groundwater modeling

GMS is the premier groundwater software solution to develop, characterize & visualize groundwater models in a 3D environment



GMS is the most sophisticated and comprehensive groundwater modeling software available!

Used by thousands of people at U.S. Government agencies, private firms, and international sites in over 90 countries, it has proven to be the modeling system of choice for groundwater professionals. GMS provides tools for every phase of a groundwater simulation including site characterization, model development, calibration, post-processing, and visualization. GMS supports both finite-difference and finite-element models in 2D and 3D.

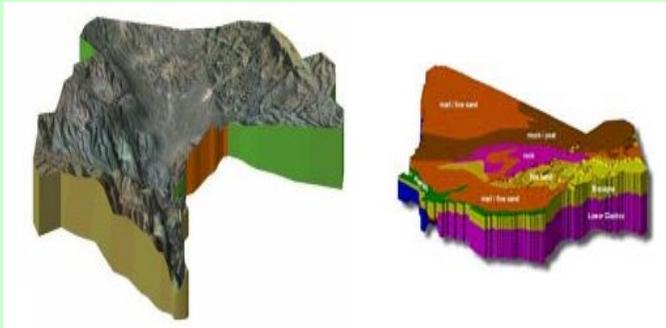


BOREHOLE DATA

3D MINESITE SOLID MODEL

SELECTED FEATURES:

- **GROUNDWATER FLOW & TRANSPORT OPTIONS**
 - 2D FLOW
 - 3D MODFLOW 2000
 - SOLUTE TRANSPORT
 - UNSATURATED ZONE FLOW AND TRANSPORT
- **GIS-base MODEL CONCEPTUALIZATION**
- **3D MODEL CONCEPTUALIZATION**
- **SITE VISUALIZATION**
- **RISK ASSESMENT MODELING**
- **AUTOMATED MODEL CALIBRATION**
- **ONLINE HELP SYSTEM, TUTORIALS, AND TECHNICAL SUPPORT**



GROUNDWATER SOFTWARE **GMS**

Obtaining Software

This software is available under OSM's license management system – KeyServer

For installation instructions please visit:

<http://www.tips.osmre.gov/software/hydro/installation.shtml>

SMCRA Benefits and Uses

- Aquifer modeling for permitting
- AML site investigations
- Investigations of water well complaints
- Determine impacts from dewatering
- Model aquifer dynamics
- Mine site hydrology

TIPS Training Classes

Vendor training classes are offered by **AQUAVEO** several times a year at locations in the USA

Need Help??

Contact GMS Software Manager
Clairene Bailey cbailey@osmre.gov
(304) 347-7158



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