

Hydro GeoAnalyst

**Environmental Data Management,
Analysis and Visualization**



Why Hydro GeoAnalyst?

Hydro GeoAnalyst is an environmental data management system that integrates a complete suite of analysis, visualization, and reporting tools with a powerful and flexible database.

- An all-in-one groundwater and environmental data management system that stores and organizes environmental data and helps you quickly create comprehensive analytical results that are reliable and easy to understand.
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- With Hydro GeoAnalyst environmental professional, geoscientists, and government agencies have the tools required to effectively and efficiently manage large volumes of data and make informed decisions about environmental and water resources.

"Hydro GeoAnalyst is a very flexible tool for data management and analysis. It saves us time and resources by eliminating data inconsistencies, and by providing quick answers for data interpretation and decision making"

-David Soares, Environmental Specialist, VALE

Environmental Data Management, Analysis, and Visualization Software

Effortless Environmental Data Management

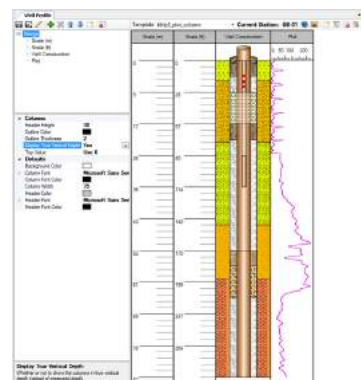
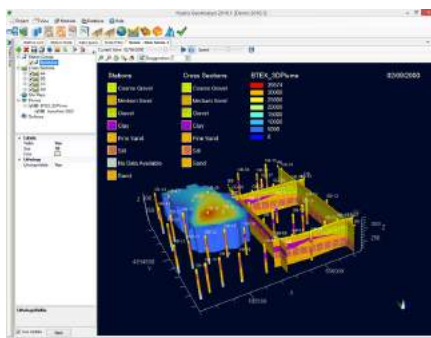
- **Data Transfer System:** Import & validate data from Excel, Access, EDDs, and Mobile EDDs, Diver MON files or LAS files.
- **Query Builder:** Create, save, and recall data queries
- **Materials Specifications Editor:** Create, edit, and manage material specifications and patterns for use in your project well profiles, cross section and 3D scenes
- **Event Planning:** Plan future sampling events and other field activities, schedule recurring sampling rounds and set automatic reminders.
- **Template Manager:** Customize your environmental database to your specific project needs with options to add unlimited tables and fields.
- **List Editor:** Create lists of valid values in your database for consistent and reliable data entry.
- **Quick Checker:** Validates your data against your Electronic Data Deliverable(EDD) template.
- **QA/QC Lab Assessment:** Asses the quality of laboratory results through the analysis of blank, duplicate and spiked samples, dilution factors, detection limits and holding times.

Integrated Data Analysis & Visualization

- **Well Profile:** Displays detailed well/station information stored as depths or intervals and includes support for deviated (non vertical) wells by automatically calculating true vertical depth.
- **Cross Section Editor:** Detailed cross section diagrams showing geologic, hydrogeologic, and model layers as well as screen and water level data.
- **AquaChem Integration:** Analyze chemical data with over 25 geochemical plots, statistical & trend analyses, and exceedence reports using AquaChem.
- **Map Manager:** Create detailed maps of your site, and visualize stations, contours of water table or contaminant hot spots and define cross section lines.
- **Scene Viewer:** Displays your Project data in 3D and now also supports visualization of deviated (non vertical) wells.
- **Aquifer Test Integration:** Analyze, interpret, and visualize your pumping and slug test data using Aquifer Test

Flexible Reporting

- **Print to Excel & Powerpoint:** Quickly send tabular data, queries, time series charts, well profiles, and 3D scenes to Microsoft Excel or Powerpoint templates.
- **Hydro GeoAnalyst Online Sharing:** Publish project data to the web for communicating and presenting data to colleagues and stakeholders.



Advanced Geochemical Modeling with Hydro GeoAnalyst

- Create comprehensive and reliable analytical results and achieve cost savings with streamlined and automated data collection, data import, analysis and reporting workflows.