
GEOTECH COMPUTER SYSTEMS, INC.



Data Management • GIS • Graphics • Internet

GEOTECH COMPUTER SYSTEMS, INC.
10875 E. ORCHARD PLACE
ENGLEWOOD, COLORADO 80111
(303) 740-1999
www.geotech.com

STATEMENT OF QUALIFICATIONS

GEOTECH COMPUTER SYSTEMS, INC.

Geotech was established in 1986 by noted industry author and geological computing expert Dr. David Rich. Focused on markets such as environmental, mining, oil and gas, agriculture, weather, and others, we have become an industry leader in the application of computer technology. With a strong commitment to the environment and public safety, **Geotech** has worked with many companies and organizations to maintain not only a healthier place to live, but also a safer environment. **Geotech** has satisfied a variety of client needs on large and small projects involving software and services. Our clients include industrial, consulting, and government organizations; most of which are in the U.S. but include dozens of countries and range from the largest corporations to one-person shops. Our specialty is software development related to data management, mapping, and graphics, and we sell commercial software for managing, displaying, and reporting environmental quality data. Our commercial software, **Enviro Data**, **Enviro Spase**, **Enviro Cloud**, and **Enviro Portal**, provide off-the-shelf functionality for multiple industries, and also provide a starting point for building semi-custom or custom applications for specific database needs involving environmental quality data and maps. These programs are used for tracking and reporting soil, water, air and other data for industrial and other sites. We use tools like Microsoft Access, Visual Basic, SQL Server, and others to satisfy specific client business needs. Designed to easily overcome, or avoid common problems, **Geotech** has created a streamlined, more efficient process of data management and offers a variety of implementation options which easily place client data at their fingertips. Our clients routinely praise us for our cost-effective service and excellent technical support. **Geotech** is interested in learning more about your company, and would be glad to discuss your database, GIS, and other software needs.

Geotech is a woman-owned small business located in Englewood, Colorado, and is a privately held Colorado corporation. Our clients include private sector and government organizations in most of the fifty states and in many countries, in many industries, especially the earth sciences.

Geotech has developed a unique capability to apply the latest technology to everyday problems and to make the results economic and easy to use. While computer tasks can be inherently complex, by developing a thorough understanding of clients' needs we are able to simplify the requirements placed on the user while providing a high level of functionality.

Geotech provides both software and services for our clients. Our current products include:



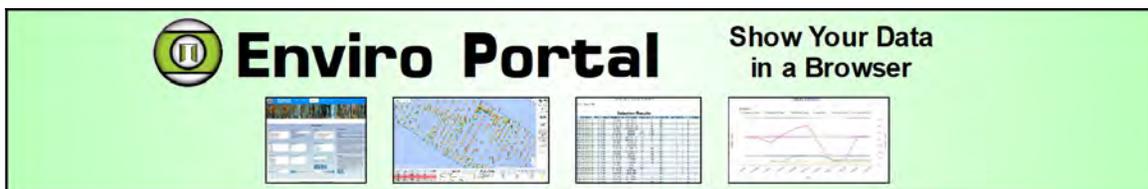
Enviro Data is a scalable, easy-to-use program for managing site environmental data. It provides a complete set of tools for managing, analyzing, and displaying site chemical, geological, and related data, using industry standard Access and SQL Server databases.



Enviro Spāse is powerful, flexible geographic information system (GIS) software for site environmental data. It expands the popular ESRI ArcGIS software, adding useful displays targeted specifically towards environmental project requirements.



Enviro Cloud takes the powerful **Enviro Data** software and makes it available for remote access in the Cloud. This makes it easy to use the software from widely distributed locations, while retaining excellent performance and security.



Enviro Portal, our newest product, provides a set of tools to create an interactive data display of environmental data on a website, including map-based selection and display, and providing graphs and tables of the selected data.

In addition to their excellent off-the-shelf functionality, these programs also provide a great starting point for building semi-custom or custom applications for specific needs involving data, maps, and other objects. We have created a wide assortment of software solutions for satisfied customers in many different industries.

EXPERIENCE

With the computer experience of our staff dating back to 1970, we have worked in nearly every computer environment from mainframes to mini-computers, and desktops to tablets, and with nearly every processor family and operating system. We have been involved in projects with budgets ranging from a few hundred to tens of millions of dollars.

TECHNOLOGY

Our staff and consultants remain current with the ever-changing computer industry. Using state-of-the-art visual software tools, and sophisticated communications technologies such as remote access and the Internet, we can deliver results which a few years ago would have cost many times more. These same tools make the technology much more approachable for users who may not be computer experts.

RELATIONSHIPS

Geotech prides itself in the relationships that we have developed with our clients and with other professionals in the computer industry. We have found that a relationship based on communication and trust is the most important factor in the successful completion of a project. Relationships with our clients have been a key factor in our success. At any given time, over 90% of our projects are for clients which we have had for several years. These clients uniformly compliment our professionalism and competence.

We also maintain relationships with other practitioners in the earth science and computing industries. Nobody knows everything, and we pride ourselves on being able to bring in the best expert in areas outside of our expertise. Our network of consultants, some of whom we have collaborated with for over twenty years, enables us to provide comprehensive solutions to our clients' problems while keeping their cost to a minimum.

RESULTS

The bottom line to sustaining any business is to generate satisfied customers and do so at a profit. Our customers come back and send their associates and acquaintances to us with their needs. In the computer software and consulting business, generating satisfied customers requires that we provide them with results that make their work life easier, either by allowing them to do more in less time or to generate better results, or ideally, both. At **Geotech** we have done this consistently by listening to our clients, and then addressing their needs with our best effort, a caring attitude, and the latest technology.

TECHNICAL SKILLS

- Internationally recognized experts in the application of computers to database management and spatial data problems.
- Award-winning problem solving, organizational, and presentation skills.
- Over 35 years of experience in software development, system integration and project management, involving integration with many technologies such as bar codes and RFID.
- Extensive experience with desktop and networked relational database management projects (Access, SQL Server, desktop, client-server, Internet).
- Extensive hands-on experience solving business, technical, environmental, petroleum, mining, and geographical computing problems.
- Broad microcomputer experience back to 1981, including program development, evaluation, and training, both hardware and software.
- Experts in Windows troubleshooting and performance tuning, ranging from Windows 2.0 through Windows 10.
- Experience with Photoshop, AutoCAD and Corel Draw, Excel, Microsoft Word, Power Point, numerous utilities, and many technical software packages, especially database management, mapping, and contouring. This includes Access, SQL Server, Oracle, Surfer, Grapher, Voxler, and RockWorks, as well as Geographic Information Systems (GIS) programs, especially ArcGIS.
- Developed numerous commercial software products, especially database management programs, as well as coordinate capture and conversion, mapping and economic analysis, and a variety of custom programs for specific earth science and general business needs.

- Broad-based experience in generating graphics deliverables for clients including litigation support presentations, surface and volume modeling, and simulation.

GEOTECH CLIENTS

Here are some of **Geotech's** better-known clients:



Worldwide Acceptance



Geotech's products and services are widely accepted across the United States and around the world

 <p>USEPA - Used on hundreds of CERCLA (Superfund) and RCRA projects</p>	 <p>US Army Corps of Engineers - Many environmental projects</p>	 <p>State of Colorado - Replaced competing product for use on numerous haz. waste projects</p>	 <p>US Dept. of Interior, Bureau of Reclamation - Major river project</p>	 <p>Pueblo of Santa Clara - One of several tribes using Enviro Data</p>
 <p>Wyo-Ben - This mining and manufacturing company has used Enviro Data since 2014 for exploration and mining data</p>	 <p>Portland General Electric - This power company services about 900,000 customers and has used Enviro since 2013</p>	 <p>Canfor Pulp - Data management for Canada's 5th largest pulp company since 2001</p>	 <p>Western Refining - Long-term Enviro users at a large refinery</p>	 <p>Honeywell - Multinational company using Enviro software for remediation</p>
 <p>AECOM - 2nd largest US enviro. company - Enviro users since 1999</p>	 <p>Tetra Tech - Various offices and projects since 1998</p>	 <p>GeoSyn Tec Consultants - Enviro Data and Enviro Spase users, several offices</p>	 <p>Weston Solutions - Major consulting company, global implementation since 2002</p>	 <p>Woodard and Curran - Data management for a wide variety of projects</p>

Over the years **Geotech** has generated many satisfied customers:

Environmental/ Engineering

AECOM
Aerostar
American Geosciences,
Inc.
AQA
AquAeTer
ARCADIS
Bay West, Inc.
BCEER
Benham Companies
Bhate Environmental
Cabrera Services
CanNorth
CB&I
CBMA
CEA
Chemtech
Columbia Technologies
Converse Consultants
Core6 Environmental, Ltd.
Delta Environmental
Duke Hydrochem, Inc.
EA Engineering
Eastern Analytical
ECS
Environmental Chemical
Corp.
e-Lab
Environmental Science
Corp.
Environmental Standards,
Inc.
ERM
FPM Remediations
GeoLabs, Inc.
GeoSynTec Consultants
GZA GeoEnvironmental
Hamp Matthews & Assoc.
Hull & Associates
HydroGeoLogic, Inc.
HydroGeoSense, Inc.
Hydrometrics
Intera
Intertec
J.M. Sorge, Inc.
Jacques Whitford
JESCO Environmental
Jones, Edmunds and
Assoc.
LaBella
Los Alamos Technical
Associates
Mannik & Smith Group
Matrix Environmental
Montgomery and Assoc.
NewFields
Olsson Associates
Pace Laboratories
Pacific Western
Technologies, Ltd.
Peritus Environmental
Consultants
Portnoy Environmental

Prime Engineering
Princeton Geoscience
Professional Serv.
Industries
Profile - Inst of Geol &
Min. Expl
R Squared, Inc.
Ridolfi, Inc.
RMC Consultants
Sciencetech Inc.
S & W Redevelopment
Sage Environmental
Secor
Seifert Enterprises, Inc.
SESCO Group
Shealy Environmental
Shield Environmental
Short Elliot Hendrickson
Sistemas Phoenix
Stantec
Steele Environmental
Severn Trent Laboratories
Synterra
TechLaw, Inc.
Ted R. Moore
Terracon
Tersco Environmental
TestAmerica
Tetra Tech
TGE Resources
Tidewater, Inc.
Tighe & Bond
TRC Environmental
Vector Argentina
VHB
Walden Assoc.
Waste Management
Western Range and Water
Western Summit
Construction
Western Water & Land,
Inc.
Weston Solutions
Woodard & Curran
WWC Engineering
URS

Mining/Chemical

ASARCO, Inc.
Cloud Peak Energy
General Molybdenum
Gibbs Associates
Gilmer
Midway Gold Corp.
Newmont Mining
Corporation
Powertech Uranium Corp.
Strathmore Minerals
Tronox Corporation
Wyo-Ben

Petroleum

BP Americas
ConocoPhillips
ExxonMobil

High Plains Gas
Kerr Mc-Gee
Marathon Oil Company
Western Refining, Inc.
Williams/Transco

Agricultural

Canadian Forest Products
Howe Sound Pulp and
Paper
TerraSpase
Vineyard Investigations

Government

Adams County, CO
Housing Auth.
California Department of
Health
City of Pomona, CA
Colo. Dept. of Pub. Health
& Envir.
Eldorado County, CA
Halifax Airport Authority
Lake County, FL Solid
Waste
Miami Dade County,
Florida
New York Geological
Survey
New York City Dept. of
Envir. Prot.
Oak Ridge National
Laboratory
Ohio EPA
Oklahoma Water
Resources Board
Pasco County, FL
Pima County, AZ Solid
Waste
Rio Grande Water
Rivanna Water
Sandia National Labs
San Francisco
Pub.Util.Comm.
South Fork Water &
Sanitation Dist.
Suffolk County Health
Dept.
Trinity River Authority
U.S. Army Corps of
Engineers
U.S. Bur. of Land
Management
U.S. Bur. of Reclamation
U.S. Department of
Energy
U.S. General Services
Administration
U.S. Geological Survey
U.S. Social Security
Administration
United Nations, USAID
West Virginia Geological
Survey

Education

Arizona State University
Colorado School of Mines
Harvard University
Kuwait University
Oklahoma State University
State University of New
York
U.A.E. Univ. (United Arab
Emirates)
University of Alabama
University of British
Columbia
University of Colorado
University of Illinois
University of Kansas
University of Louisville
University of Michigan
University of Oklahoma
University of Wisconsin
University of Wyoming
University of Yamagata
Native American
Iowa Nation
Jicarilla Apache Nation
Lower Sioux Indian
Community
Pueblo of Laguna
Pueblo of Sandia
Pueblo of Santa Clara
Southern Ute Tribe
St. Regis Mohawk Tribe.
Wind River Environmental
Yakama Nation

Utilities

Virginia Power
Portland General Electric

Non-Profit

Amer. Council of Vet.
Internal Med.
Colorado Fed. for Water
Education
Denver Reg. Council of
Governments

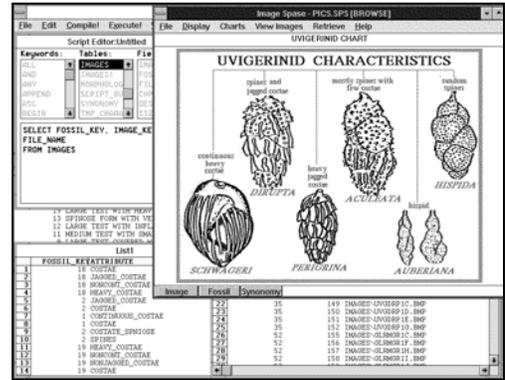
Others

Alamosa Mosquito Control
Alliant Techsystems Inc.
ATK Space Systems
BHI Energy
Dairy Queen
International Business
Machines Corp.
Millwright Local Union
2834
Mountain States Imaging
Prudential Insurance
RockWare, Incorporated
Scientific Software
Group/EMS-I

REPRESENTATIVE PROJECTS

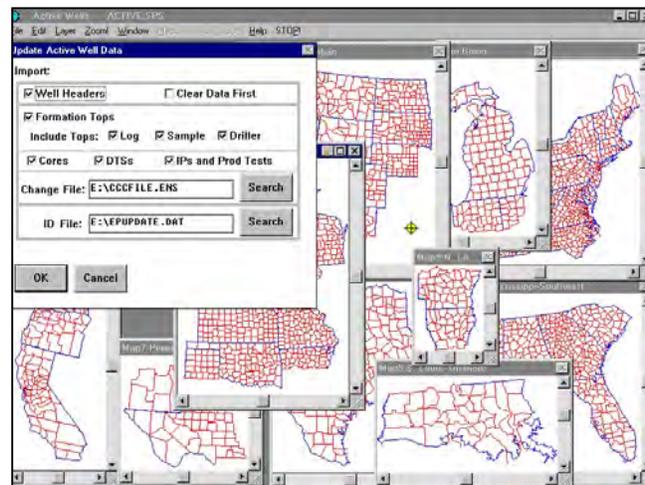
Image Database Project

Geotech performed a project that provided a graphical system for managing images of paleontological specimens collected by a major oil company during offshore oil drilling. The resulting program provided a set of diagrams to assist in the identification of specimens based on images stored in the database. These images were captured using a video camera attached to a binocular microscope or were scanned from the literature. They were then cataloged in a relational data model, and access routines allowed the user to subset the data, based on the information available. They were then able to view "thumbnails" of the subset specimens and select an image for full-scale view. This image on the computer screen could then be compared to the image on the monitor attached to the video camera to aid in the identification of the fossil, which was important in monitoring drilling progress. Similar technology can be used to manage documents, drawings and other images associated with project data.



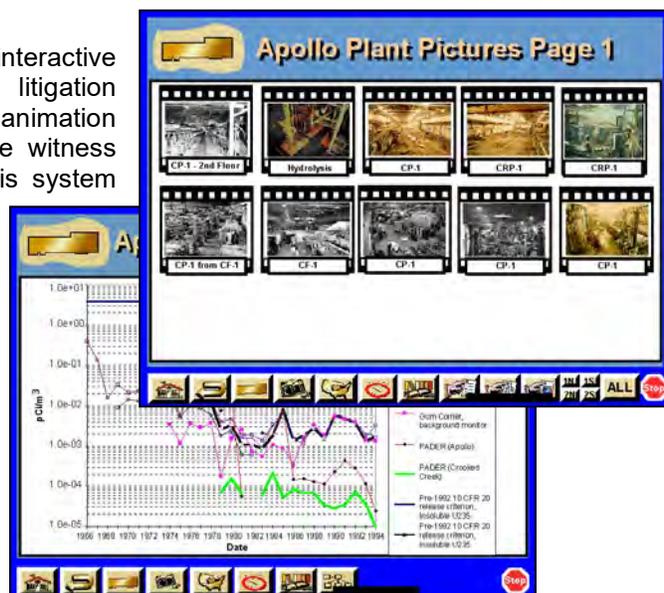
Petroleum Exploration Corporate Database

Geotech provided a software and service solution to a large independent oil company's needs for a corporate client-server system for managing petroleum exploration and production data. The resulting system provides up to 20 users with access to the corporate database and allows them to carve out subsets of the data for project use by making graphical selections on maps on the screen. It used the **Spase** spatial database manager as the graphical, map-based front-end, and Oracle on a Banyan server as the central repository. This method can be used with any kind of data which has a map component, and is essentially unlimited in data capacity, while at the same time providing almost instant access to any data in the system.



Animation for Litigation Support

Geotech personnel created a sophisticated interactive graphics product to support environmental litigation defense. Using state-of-the art graphical and animation software, we created a system for use on the witness stand supporting expert witness testimony. This system synthesized about 40 gigabytes of maps, reports, and other data so that it could be presented in a couple of days. We have also created several other animated presentations to help explain complex technical concepts to a non-technical audience.

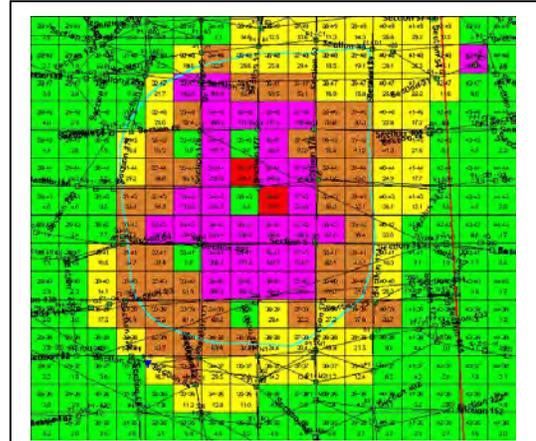


Volume Modeling of Industrial Facility

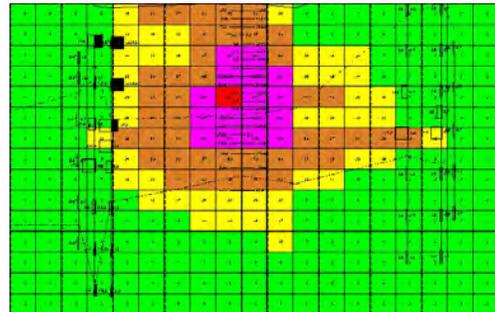
Working for a large industrial client, **Geotech** created a three-dimensional block model of the values of two radioactive contaminants at an urban site in the Midwest. The high cost to excavate, process, ship, and dispose of the hazardous waste at the facility justified a significant effort to determine the exact location of the contamination to within inches. Starting with about a thousand soil borings and several hundred thousand gamma log measurements, we used geostatistical software to estimate values in 330,000 three-dimensional blocks. Included in the project was creation of several hundred cross sections using features in **Enviro Spase**. The results of this analysis were used to estimate the volumes of soil at different contamination levels in preparation for excavation and removal, and to generate graphical displays of the contaminant distribution in preparation for site excavation. This information was then used to decrease the cost of moving materials offsite by 90%, saving the client millions of dollars.

Statistical Analysis of Winery Data

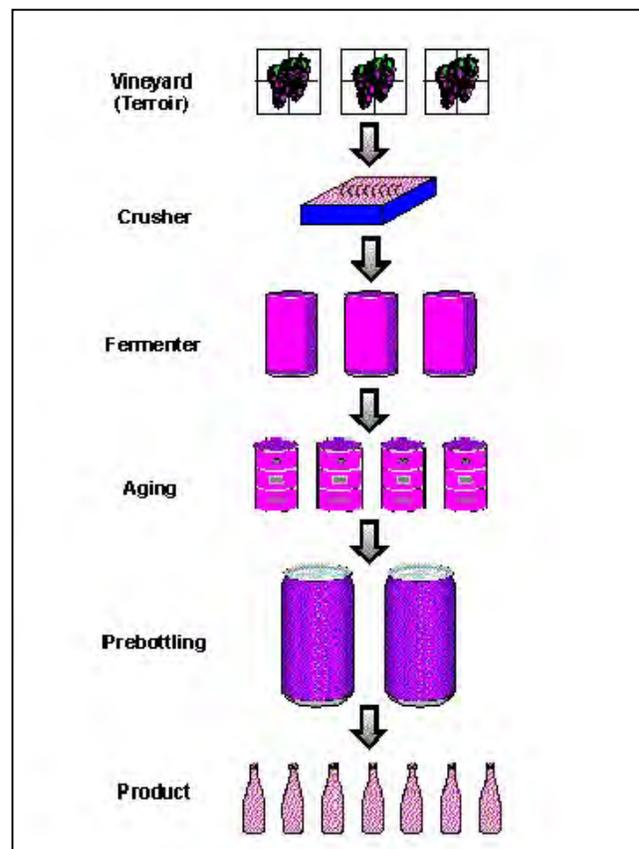
Geotech developed a software package to assist in the statistical analysis of chemical and other parameters as grapes and must (wine being made) flowed through the winemaking process. This software helps wine industry analysts determine statistically what parameters in the vineyard and the winery are important in influencing the quality of the wine. This software automated the process of selecting and organizing the data for the statistics analysis and presented the results in an easy-to-understand fashion. The results of this analysis were used to significantly improve wine quality, for example helping eliminate "corkiness," acidity, and other problems that were degrading the flavor of the wine.



Map view of model results

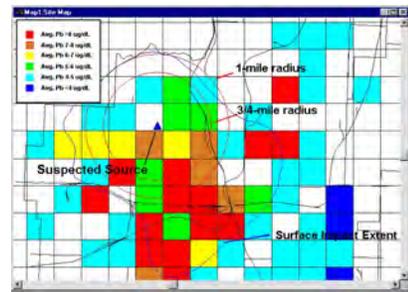
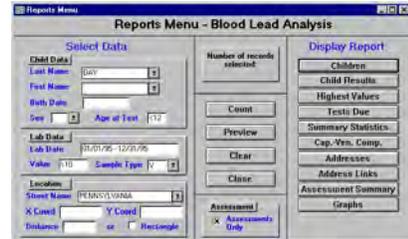
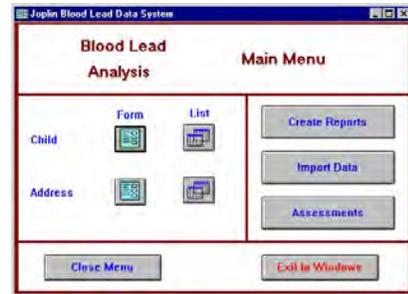


Cross-section view



Blood Lead Data Management System

In addition to our expertise in site environmental data management, **Geotech** has evolved a specialty of providing semi-custom software for management of blood contaminants and related data. These projects have been for a variety of client types and addressed several different technical and regulatory issues. In one of our blood projects, **Geotech** worked with a county health department to create a system for tracking the concentration of lead in children's blood. This system took children's information, addresses, and venous and capillary blood concentration data from the Stellar System from the Centers for Disease Control and imported it into a customized structure in Microsoft Access. The data was merged with address location coordinates calculated using address geocoding, and with survey data from intervention activities. This data is made available to project staff in a friendly, flexible way using a form-based query system. We have worked on several additional blood projects. One of these included other metals (arsenic and cadmium), as well as urine tests, segmented hair, and related parameters. Another project extended to environmental data in residences, including soil, interior and exterior paint, water and dust. This project included a system for printing labels for mailings suggesting that children come in for further testing and managed an incentive program for the parents and children to encourage testing. It also included a system for combining the blood lead information, which is patient confidential, with the residential environmental data, which is not, maintaining the confidentiality while allowing the maximum amount of interpretation of the data to assist with intervention.



Current Configuration



Permitted Configuration



Proposed Configuration

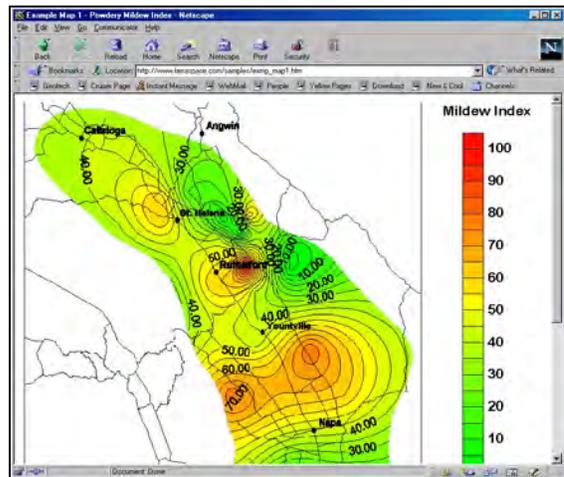
Visual Impact Study

Another interesting **Geotech** project was a visual impact study performed for a client to determine the visual impact of different configurations of a landfill design. **Geotech** photographed the site from several vantage points with 60" balloons at several elevations above the ground at three locations at the site. Then the Surfer contouring program and the Corel Draw graphics program were used to create three-dimensional representations of the different configurations and superimpose them over the site photographs. This allowed the client to better understand the impact of their plans on the mountain views of their neighbors, and to document that for most of the people the impact of the proposed configuration would be minimal relative to the permitted configuration.

Web-based Weather Mapping System

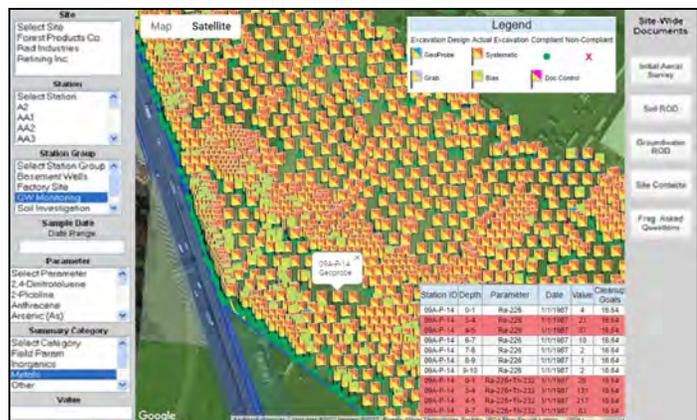
Geotech cooperated with **Terra Spase** in St. Helena, California, to develop a Web-based system for delivering weather data on a subscription basis. A network of weather stations around Napa and Sonoma Valleys sends temperature, precipitation, humidity, sunlight, and other data via telemetry to a central database server every 15 minutes. This data is then aggregated into daily summaries every night. This data is presented as tables, graphs and maps which are available to the wine growers every morning. They can use this information to better manage their farming. Of particular value are the disease index maps, which present information on pressure for Powdery Mildew, Botrytis, and other diseases. The growers can look at these maps each day to determine whether to spray their fields. In the past they had to spray regularly during parts of the growing season, but with this tool they can save money by skipping some sprayings when they are not needed.

This project allowed us to use an assortment of our development skills. The creation of the maps, graphs and tables is managed by a specialized timer program written in Visual Basic. The data retrieval, calculations and formatting is done by SQL queries in Microsoft Access. The tables are created using Active Server Page (ASP) programming. The data and graphics are moved around using FTP scripts. The site has a purchasing system based on Access tables using ASP programming, which manages customer names, passwords, and other information, and tracks subscription status for the products. The site also allows **Terra Spase** to sell their other products and services using a shopping cart model.

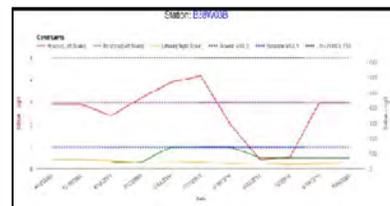


Web-based Portal for Radiological Cleanup

A military agency was finishing the cleanup of a century-old radiologic ore processing facility. They needed a way to make the soil and groundwater data that they had gathered over 50 years available to project staff, and possibly the general public, on into the future. **Geotech** built a web-based portal system based on our **Enviro Portal** product. Visitors can log in with appropriate privileges, and then the tool, which runs in a web browser, displays the area on a Google map, along with project reference information. Users can then select the locations they want to see, either spatially, or based on attributes such as aquifer and survey type, and then display those locations on the map. From there they can drill down on one or more points to see the results by depth or time in a table, or by time on a graph, along with a comparison to maximum concentration levels.

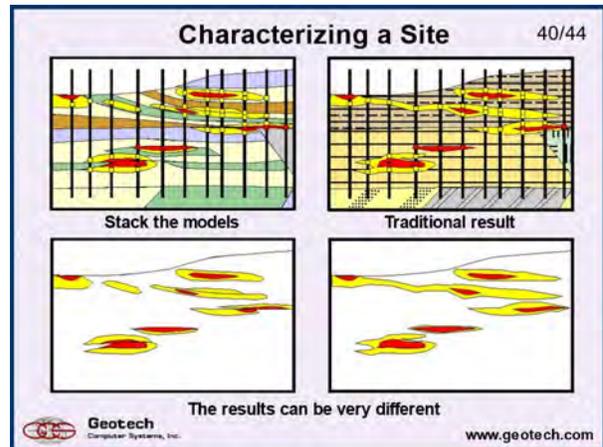
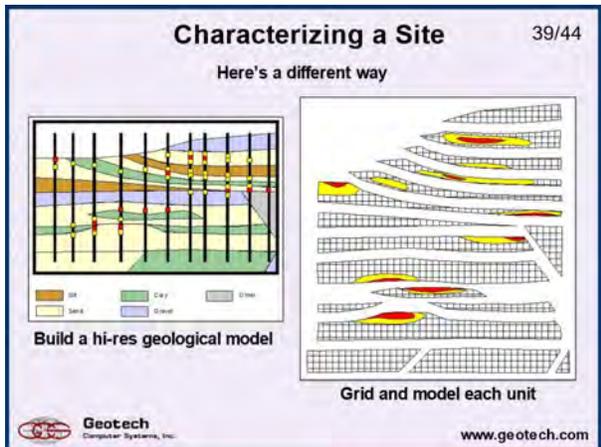
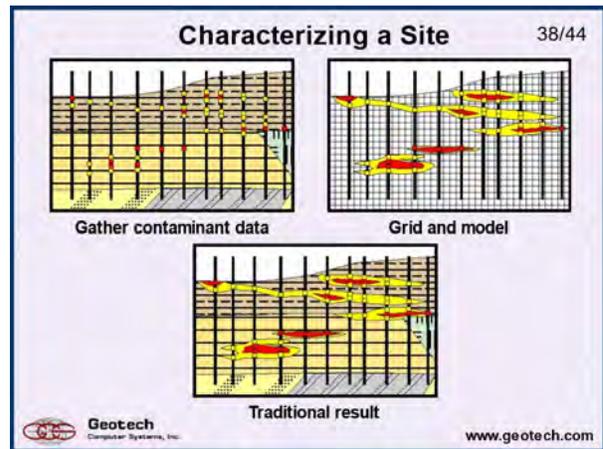
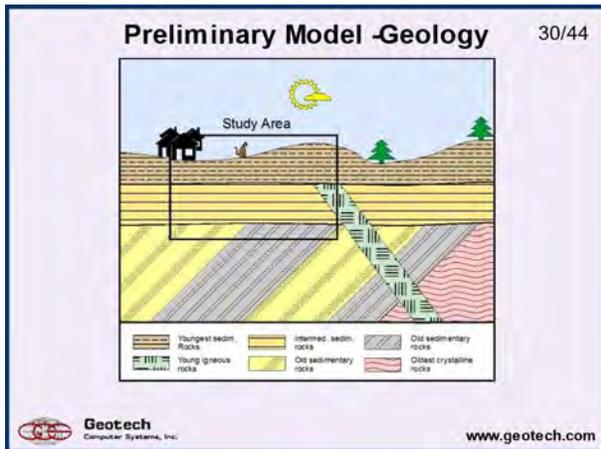
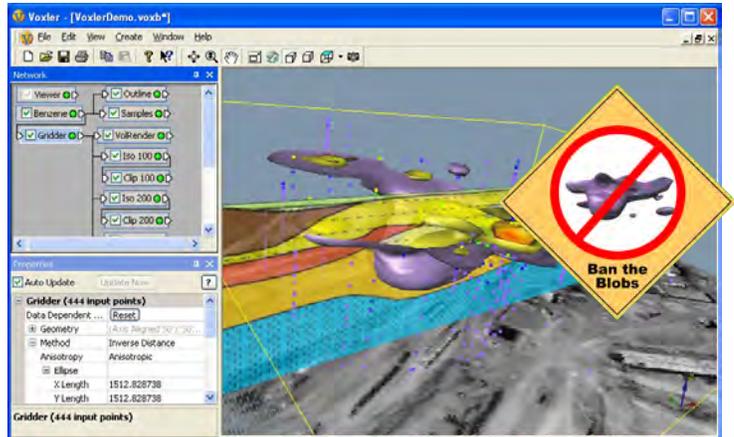


Site Name	Station Name	Sample Date	Parameter	Units	Value	Units	Limit	Units	Depth	Units	Notes
81774-2-2014	AA2	1/15/14	Z-4-Dichlorobenzene	mg/L	0.02	mg/L	0.1	mg/L	0.0	ft	
81774-2-2014	AA2	1/15/14	D-Phosgene	mg/L	0.01	mg/L	0.1	mg/L	0.0	ft	
81774-2-2014	AA2	1/15/14	Anthracene	mg/L	0.01	mg/L	0.1	mg/L	0.0	ft	
81774-2-2014	AA2	1/15/14	Acetic (Ac)	mg/L	0.01	mg/L	0.1	mg/L	0.0	ft	



Assisting the USEPA With Site Conceptual Modeling

For the last several years **Geotech** staff have been working with several people at USEPA headquarters, along with other industry scientists, to spread the word that many site conceptual models currently being generated prior to and during site remediation are inadequate to effectively remediate the site. What is needed is to integrate more geological and other data in generating the model. This model needs to respect the hydrogeologic properties of the material at the site, ideally using advanced techniques such as high-resolution site characterization, sequence stratigraphy, and remediation hydraulic principles, to better predict the response of the site to remediation activities. Also, modeling techniques such as Kriging, if used, should respect the geologic setting, stratigraphy, and lithology at the site, and not just present generalized “blobs.”



Testimonials

Hear what Geotech's clients are saying about us:

Hil Lassek, Database Administrator, Whetstone Associates - Enviro Data is our choice, long-term tool for capturing, storing, and exporting water quality data. Pros: The flexibility of the software along with its ease of use is its greatest feature (usually two conflicting goals). The database is beautifully designed and technical support is excellent (5 stars). When we bring some complex, outside-the-box requests to the company, its developers quickly make the enhancements. The Viewer tool exports our data in Excel crosstabs with analytes down the side, sample dates across the top, and stations in separate tabs if desired, making for easy analyses by us and our clients - all of which is easily configurable. Also appreciate how **Enviro Data** exports the data that can be easily imported into other software for statistical analysis. This cost cannot be beat. In short, **Enviro Data** makes storing and exporting the data easy so that we can focus on the analysis. Cons: Not much to dislike about the software nor its technical support. As enhancements are needed, they get added to the software and shared with the next release. Overall: Ease of use for storing decades of data and being able to retrieve all or a subset of the data for analysis.

Clark Short, Geochemist, Intera, Inc. - Best bang for the buck in environmental data management. Pros: **Enviro Data** is a data management tool for environmental data. It's flexible enough to allow easy interfacing with R, python, and Excel and does a good job enforcing referential integrity rules and preserving the quality of the database. It is easy enough that new staff can pick up the basics quickly for querying data, but importing difficult data has a bit more of a learning curve. Cons: The graphing capabilities leave a lot to be desired. For internal use, they're fine. For publication quality graphs, another tool, such as Grapher from Golden Software, must be used in tandem with ED.

Jill Libby, Environmental Scientist, Tighe & Bond Inc. - We have just started utilizing the program, and it is already saving us time, money, and resources. Pros: I really enjoy that anyone at the company can learn to use it. Users don't have to be computer-pros. It is very effective that I can figure out issues or discrepancies on my own and don't have to call customer service every time there's a glitch. Cons: The most difficult part of the process is getting the labs to send the correct data format. We have one lab that had no issues and immediately started sending us data in the correct format. We have another lab that we have continual issues with. I wish there was a better, shorter form to send them to have the format work.

Ericka Vallance, Water Quality Specialist, Hydrometrics, Inc. - I have had a great experience with the **Enviro Data** software and staff team. Pros: Ease of use for the end users and clients as well as the technical staff to help sort out any issues that may arise. Overall: We were able to update very old software easily with this software and support staff. We did not lose any productivity and were able to keep the data management staff reporting during the whole process. **Enviro Data** makes it look so easy that the clients sometimes think they can handle the data management themselves :)

Heather Tierney, Project Geoscientist, Environmental Standards, Inc. - I've been using **Enviro Data** since 2011 and it meets all our data management needs. Pros: Queries are simple to run and comparison to regulatory limits is easy! Output formats are customizable to fit project managers' preferences for data display and presentation. Cons: I struggle to define any fair criticisms. I'm very happy with the software; when I encounter problems, they are usually a byproduct of a user error.

Charlie Bouffard, Technical/Systems Specialist, Weston Solutions, Inc.- We have been using **Geotech Computer Systems' Enviro Data** software since 2003. It has proven invaluable to us for managing the copious amounts of environmental data collected from multiple projects at multiple locations. During the course of these years the folks at **Geotech** have never stopped updating, improving, and adding new features and functionality to the Program. In fact the best feature of the **Enviro Data** software is the people at **Geotech**. They have always been there to help us solve problems and have provided custom changes and modifications to the program to meet our ever-changing needs. If your company is looking for an environmental data management system, I would highly recommend you give the **Enviro Data** software and the **Geotech** team a try. -

Staff Overview

Here is a brief description of some selected **Geotech** staff members:

Ms. Toni Rich

Chief Operating Officer and Editor

Toni Rich has over twenty years of experience in business management. Her business experience covers a wide spectrum of different types of businesses. Some of these include non-profits, educational institutions, and private corporations. Toni manages the Financial and Personnel departments at **Geotech**; is actively involved with the Sales/Marketing/Advertising team; negotiates and approves all contracts; edits all **Geotech** documentation; manages the administration team; and is **Geotech**'s Office Manager. Toni received her Bachelor's Degree in Creative Writing and English Literature, in 1976 from St. Mary's College, Notre Dame, IN.



Dr. David W. Rich

President and Geologist

Dr. David W. Rich is the President and founder of **Geotech Computer Systems**. Dr. Rich has a B.S. in geology from the University of Notre Dame, and an M.S. and Ph.D. in geology from The University of Illinois. He combined his interest in computers and his knowledge of the earth sciences industry in 1986 to found **Geotech Computer Systems**. He has over 25 years of experience in the environmental, petroleum, and mining industries. Dr. Rich has worked with well-known corporations, state and local governments, and small businesses and is a recognized expert in the field of earth science computing. In 1982, Dr. Rich co-founded C.O.G.S., the Computer Oriented Geological Society. He is the author of the book *Relational Management and Display of Site Environmental Data*, from CRC Press/Lewis Publishers. Dr. Rich has taught students and environmental professionals in business and classroom settings, and has supervised many needs assessment, software design, and implementation projects.



Mr. Russ Wendell

Software Developer

Mr. Wendell has over twenty years of experience as an environmental scientist and consultant, as well as a background in Environmental Science and Computer Science. He has programming expertise in C, C++, SAS, Perl, Visual Basic, Access, and Install Shield. Mr. Wendell handles customer support calls as well as software design for **Geotech**. He attained both a Bachelor's degree and a Masters degree in Forestry from Michigan Technological University, and a diploma from College-America in Computer Programming and Operations. Since coming to **Geotech**, Mr. Wendell has developed automated weather reporting and disease risk assessment program for the viticulture industry. He has also been a major contributor to data import, data management and reporting enhancements for **Enviro Data** and several **Geotech** projects, including assisting in the development of web-active database for an online university and for cleanup of a radiologically-contaminated Superfund site.



Mr. Walter Wood

Customer Service Manager

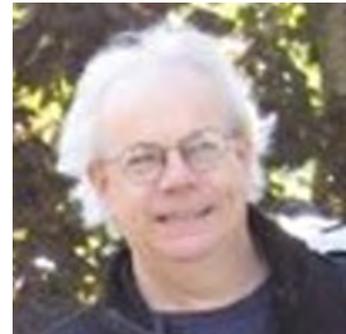
Walter has been an **Enviro Data** user since 2000, first as a user with a client, and now with **Geotech**. He does some programming, project work, and support for us. Walter has a broad knowledge of geology, surface and ground water monitoring, and databases. He spent seven years with the U.S. Geological Survey, three years in geotechnical and environmental consulting and twenty-one years with Lake County, FL in water resources and the environment. Walter was President of the Florida Association of Professional Geologists 2001 - 2003. His specialties are geology, hydrogeology, surface and ground water monitoring, landfill monitoring, GIS, and environmental databases.



Mr. Chris Watson

Customer Support and GIS Specialist

Chris joined **Geotech** in June of 2012 bringing an extensive knowledge of GIS and data management. Applying his knowledge of Environmental Science, he excels with MSAccess, ArcGIS, HTML/XML, PostGreSQL /PostGIS and AutoCAD/ArcCAD. He has provided customer support and customized data loading for open-source environmental data management, mapping, and analysis software. Chris was very instrumental in getting **Enviro Data** and **Enviro Spase** set up at an environmental consulting company, and very involved in the daily use of the software. He even helped **Geotech** improve parts of the software, thank you Chris! In addition to GIS application and development, Chris is an avid instructor at the University of Massachusetts. Chris is quite the expert of his trade!



Mr. Andy Alexander

Andy is a member of the software development team here at **Geotech**. His programming skills include .NET, C#, VB, XML, Javascript, JQuery, Ajax, HTML, CSW, SQL Server, and Access. Andy has been a programmer for over 20 years, working on a variety of projects in many different fields. He has worked with many clients, providing technical support and application design for many types of applications. Andy has also served as a US Army Officer and led from 20 – 150 people in demanding situations.



Ms. Karen Roney

As Geotech's bookkeeper, Karen brings to Geotech over ten years of experience in payroll, reconciliations and accounts payable/receivable. Karen has an excellent working knowledge of QuickBooks, and is also a QuickBooks Pro Advisor. She is extremely detail-oriented and has excellent analytical skills. Geotech is very fortunate to have Karen as a member of our team!



Mia

Mia is **Geotech's** Chief Morale Officer and an AKC Certified Canine Good Citizen. She is a mixed-breed rescue dog who entered "the system" when she was picked up for vagrancy by the Otero County Sheriff in La Junta, Colorado. She participates in company events and is very involved in the company's "Health Through Exercise" walking program. Her hobbies include sleeping, eating, chasing tennis balls, and she loves to swim. Mia also serves as **Geotech's** Chief Security Officer, although she would rather kiss you than arrest you!!



Geotech sincerely thanks you for considering us to assist you with your computing needs. We encourage you to share your needs and concerns so that we can provide the best products and services for your specific requirements.