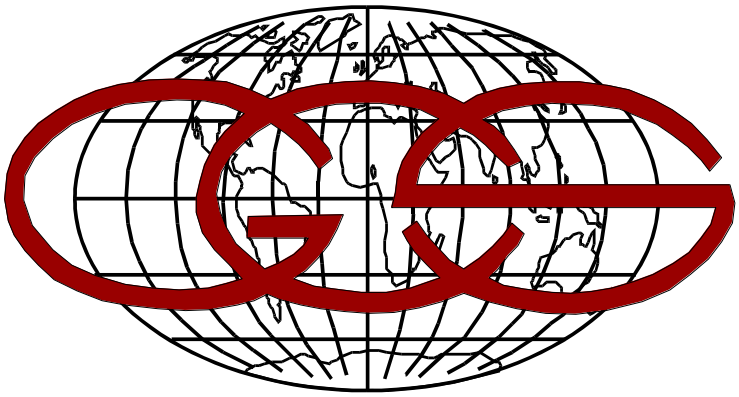
# GEOTECH COMPUTER SYSTEMS, INC.



**Data Management • GIS • Graphics • Internet**

GEOTECH COMPUTER SYSTEMS, INC.
12150 E. BRIARWOOD AVE., SUITE 202
CENTENNIAL, COLORADO 80112
(303) 740-1999
www.geotech.com

# STATEMENT OF QUALIFICATIONS

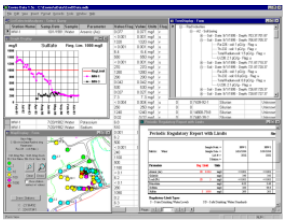
# GEOTECH COMPUTER SYSTEMS, INC.

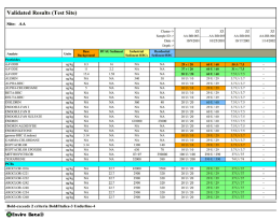
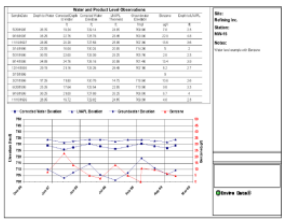
**Geotech** is an industry leader in the application of computer technology for solving business problems. Established in 1986, we have satisfied a variety of client needs on both large and small projects involving computer hardware, software and services. Since 1994 we have also provided Web site creation services for a variety of business and technical clients.

**Geotech** is a woman-owned small business located in Englewood, Colorado, and is a privately held Colorado corporation. Our clients include government and private sector organizations in most of the fifty states and in dozens of countries, in many industries, including the earth sciences, such as the environment, petroleum, and mining.

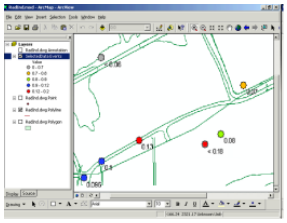
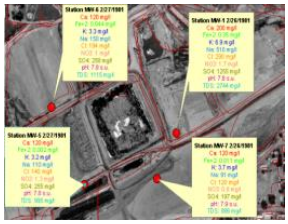
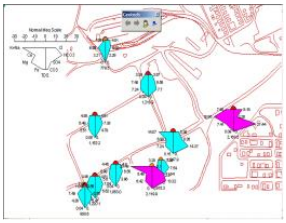
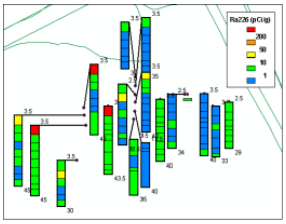
**Geotech** has developed a unique capability to apply the latest technology to everyday problems and to make the results economic and easy to use. While computer tasks can be inherently complex, by developing a thorough understanding of clients' needs we are able to simplify the requirements placed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

In addition to our service offerings, **Geotech** sells specialized software for the environmental industry. Our current products include:



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

**Enviro Spāse**® - Powerful, flexible geographic information system (GIS) software for site environmental data. **Enviro Spāse** expands the popular ***ESRI***® ArcGIS™ software, adding useful displays targeted specifically towards environmental project requirements.

These programs also provide an excellent 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 handhelds, 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 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 are able to deliver results which a few years ago would have cost orders of magnitude 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 try very hard to 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 which we have collaborated with for over fifteen 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. These customers will come back, and will send their associates and acquaintances to you with their needs. In the computer software and consulting business, generating satisfied customers requires that you provide them with results which make their work life easier, either by allowing them to do more in less time or to generate better results. At **Geotech** we have done this consistently by listening to our clients, and then addressing their needs with our best effort and the latest technology.

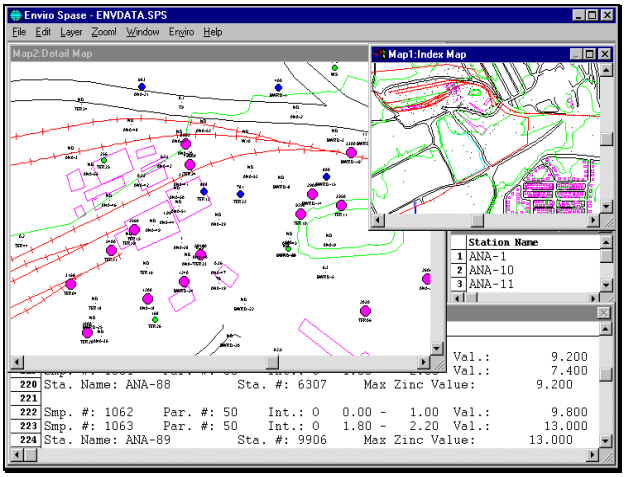
***Geotech** sincerely thanks you for considering us to assist you with your computing needs. We encourage you to share your needs and concerns so that we can provide the best products and services for your specific requirements.*

# 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.
- Many years of experience in software development, system integration and project management.
- Extensive experience with desktop and networked relational database management projects (Access, Paradox, FoxPro, SQLServer, Oracle, MySQL, client-server, Internet).
- Extensive hands-on experience solving business, technical, environmental, petroleum, mining, and geographical computing problems.
- Mainframe usage (IBM mainframe and VAX) since 1970; also UNIX and Macintosh backgrounds, including LINUX.
- Broad microcomputer experience back to 1981, including program development, evaluation and training, both hardware and software.
- Fluent programmers in many languages, including VB, VBA, C, C++, FORTRAN, .NET, Java, ASP, XML, PERL, PHP, Flash and other languages.
- Experts in Windows troubleshooting and performance tuning, ranging from Windows 2.0 through Windows Vista.
- Experience with PC/MS-DOS, AutoCAD and Corel Draw, Excel and Lotus 123, Microsoft Word and WordPerfect, Power Point, Astound, Director, communications programs, numerous utilities, and many technical software packages, especially database management, mapping and contouring. This includes Access, SQL Server, Oracle, Surfer, and Grapher, as well as Geographic Information Systems (GIS) programs such as ArcGIS, MapInfo, GeoObjects, and others, especially involving data integration issues.
- Developed numerous commercial software products, especially database management programs, including **Enviro Data**®, and **Enviro Spāse**®, 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.
- Extensive Internet Web design experience, including creation of many commercial Web pages. Our Web development experience includes database-enabled Web pages using Microsoft and open-source technologies, and map-enabled web sites using various GIS and mapping tools.
- Broad-based experience in generating graphics deliverables for clients including litigation support presentations, surface and volume modeling, and simulation.

# REPRESENTATIVE PROJECTS

## Superfund Project - Analysis System for Sample Data

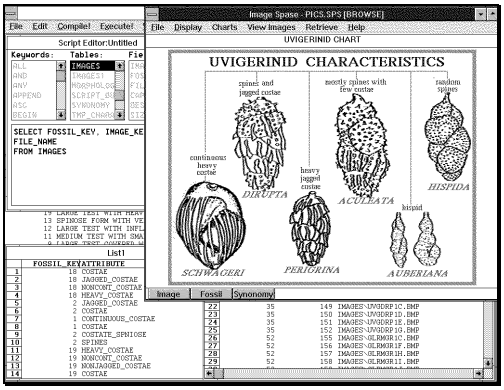



**Geotech** designed and implemented a software program for tracking and analyzing sample data for a Superfund site for a group of Fortune 500 companies. The resulting system allowed the user to interactively select a sample location or group of locations, select a contaminant parameter or group of parameters, and determine noncompliant analyses within a depth range for surface soil, stream sediments, surface water and groundwater. These analyses could then be displayed on the map as color-coded symbols based on parameter-specific cutoffs. Provisions were also provided for storing and manipulating NAPL (non-aqueous phase liquids) data. Another part of the system managed the display of base map information imported from the AutoCAD drafting program, allowing the user to choose which base map and station data would be displayed, and these elements could be turned on and off to emphasize whatever subset of the data was important for a given map. The cost of developing the system was more than offset (by a factor of five-to-one) through savings on clerical time in preparing maps of contaminant locations.

## Graphical Front End for Corporate Data

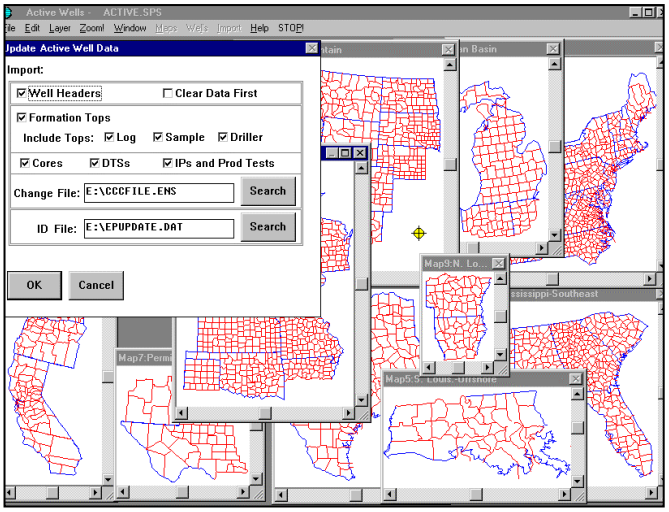
**Geotech** was a contractor to a leading computer company, assisting in the design and creation of a graphical front-end to corporate data stores resident on mainframes, UNIX workstations, and personal computers. This system provided a global data dictionary which contained information on data types, formats and locations for both digital and hard-copy data. **Geotech's** contribution was to the integration of the map-based selection system with the rest of the SQL-based query system (based on a UNIX version of a subset of our **Spāse** software), and in providing and converting base map data for use in the system.

## Image Database Project



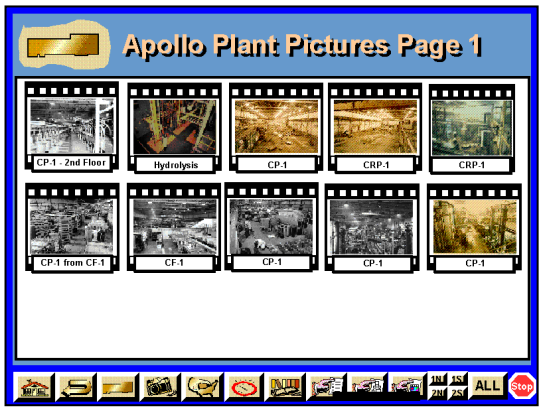

**Geotech** performed a project which provided a graphical system for managing images of paleontological specimens collected by a major oil company during offshore oil drilling. The resulting program provided a set of diagrams to assist in the identification of specimens based on images stored in the 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 then 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.

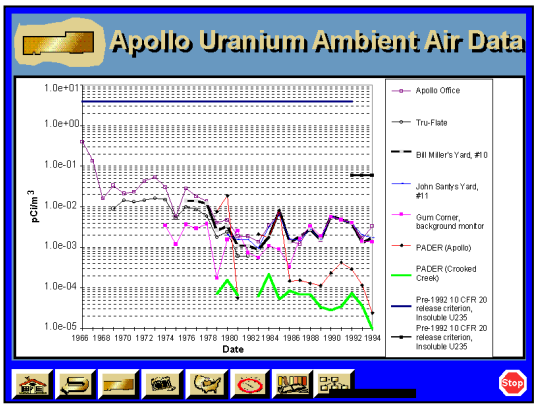
## Petroleum Exploration Corporate Database




**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 uses the **Spāse** 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



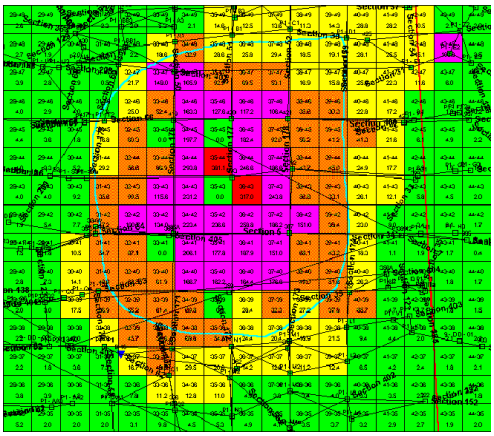

**Geotech** personnel created a sophisticated interactive graphics product to support environmental litigation defense. Using state-of-the art graphical and animation software, we created a system for use on the witness stand supporting expert witness testimony. This system synthesized about 40 gigabytes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

## Corporate Environmental Data System

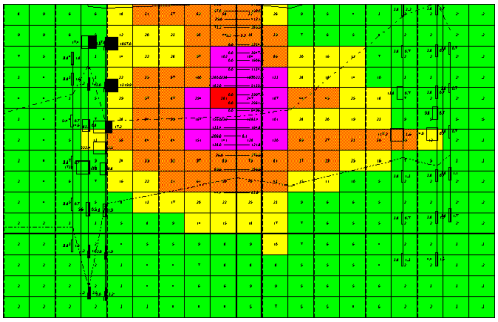
**Geotech** performed a project for a Fortune 500 industrial company to evaluate and satisfy their environmental data management needs for a division of about 80 people. The first stage was to use an interview process to perform a needs assessment. The second was to use the resulting needs to design and build a data management system using Microsoft Access as a front end and SQLServer as a back end for storing several million records of environmental site investigation and remediation data. This system integrated data gathered in the field and in the laboratory, and provided both textual and graphical output, including interactive map displays with the Blue Marble GeoObjects technology.

## 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 Spāse**. 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.



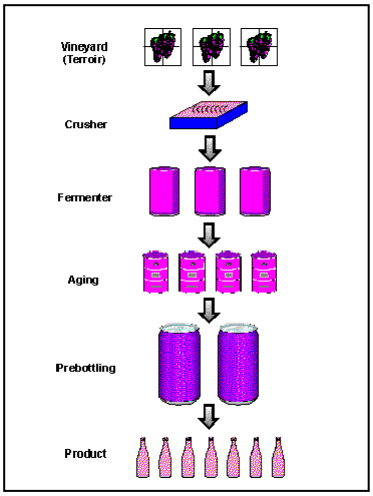
Map view of model results



Cross-section view

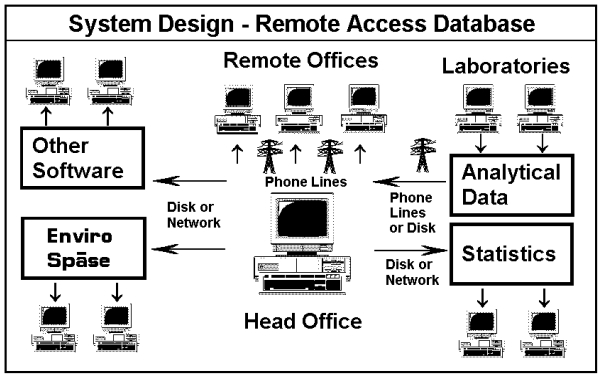
## Statistical Analysis of Winery Data

**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 through statistical analysis 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.

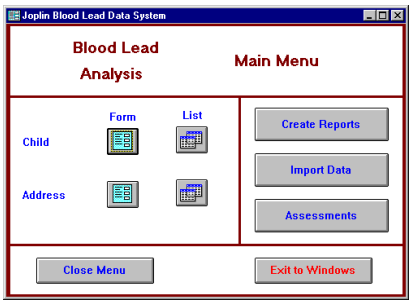


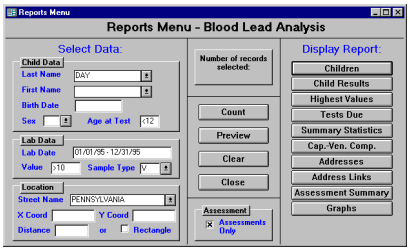

## Remote Access Environmental Database

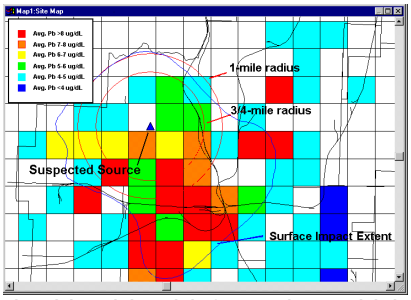
**Geotech** performed a project for a national waste management company to provide a corporate database that is available to their staff on a call-in basis. This system, built in Microsoft Access and Microsoft SQLServer, allows the import of data in a variety of formats into a repository in a central location. Company geo-scientists can then connect to the database using Microsoft Remote Access Services from any location using standard phone lines. They can then work with the data remotely, or download a specified subset for local analysis and display.



# 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 lead and related data. These projects have been for a variety of client types and addressed a number of different technical and regulatory issues. In one of our blood projects, **Geotech** worked with a city 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 users in a friendly, flexible way using a form-based query system. We have worked on several additional blood lead 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

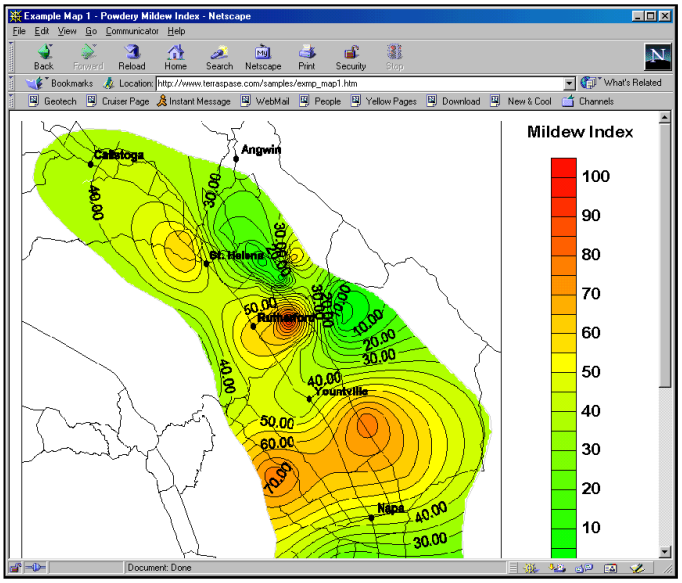
## Visual Impact Study

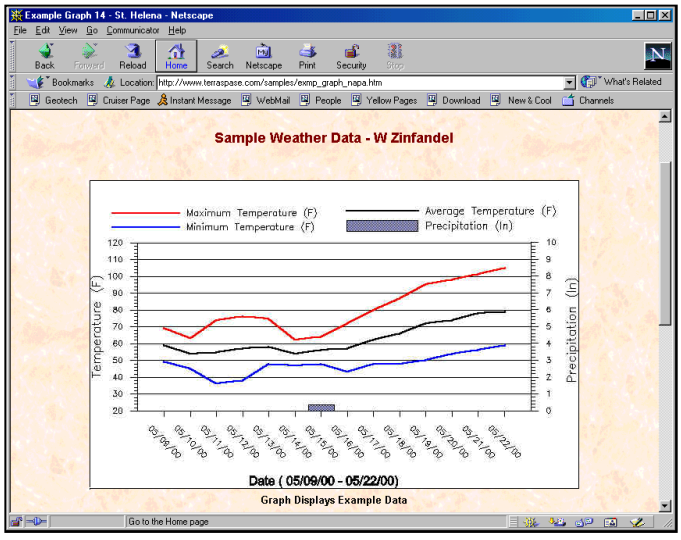
Another interesting **Geotech** project was a visual impact study performed for a client to determine the visual impact of different configurations of a landfill design. **Geotech** photographed the site from several vantage points with 60” balloons at several elevations above three locations at the 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.

# 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 telemetery to a central database server every 15 minutes. This data is then aggregated to 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.

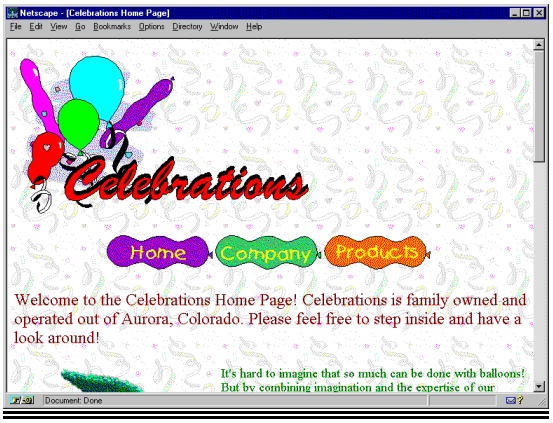
This project allowed us to use an assortment of our development skills. The creation of the maps, graphs and tables is managed by a specialized timer program written in Visual Basic. The data retrieval, calculations and formatting is done by SQL queries in Microsoft Access. The tables are created using 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.

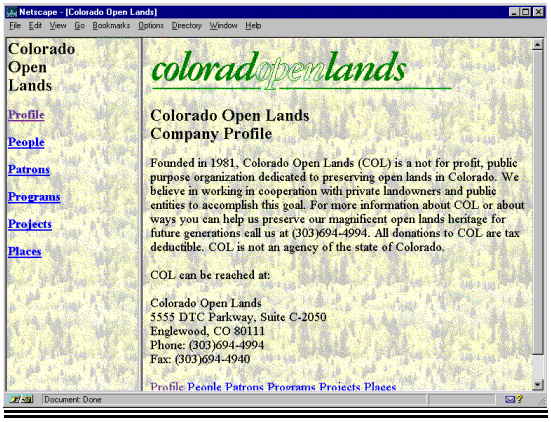



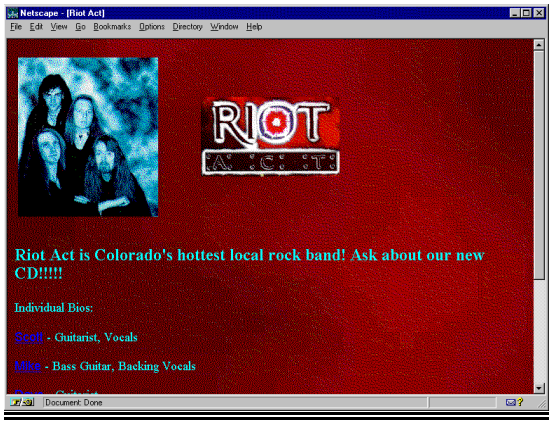



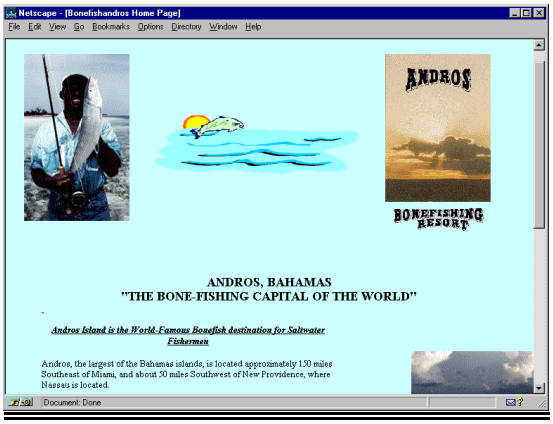
# Other Internet Projects

**Geotech** has been active on the Internet since 1994 (note our one-word domain name, **geotech.com**), and we have created many web pages for a variety of different clients. We use the capabilities of the Internet to the best advantage by including animation, sound, interactivity, database connections, maps, and other graphical displays in the web pages that we create. We are currently involved in numerous Internet projects. Past web page clients have ranged from a rock band to a party supplies company to environmental consulting companies. Our current focus is on combining our data management, mapping and web development experience for application to more advanced web sites.

# Partial List of Clients

The following is a list of just a few of Geotech's clients:

***Environmental/Engineering***
ARCADIS
Coalbed Methane Associates
Corporate Environmental Affairs
Delta Environmental
ECS Marin.
EG&G Idaho, EG&G Rocky Flats
ENSR
EnviroCraft
Environmental Chemical Corp.
ERM
GZA GeoEnvironmental
Hamp, Matthews, and Associates
Matrix Environmental
Pace Laboratories
Pacific Western Technologies, Ltd.
Portnoy Environmental
Scientech Inc.
SECOR International
Severn Trent Laboratories
Shaw Group/Stone & Webster
Shield Environmental
Tetra Tech
TRC Environmental
Waste Management
Western Summit Construction
Weston Solutions
URS

***Mining***
ASARCO, Inc.
BHP Utah, Inc.
Kaiser Cement Company
Newmont Mining Corporation
Peabody Development Company

***Petroleum***
BP/Amoco
ChevronTexaco
ConocoPhillips
Coors Energy
ExxonMobil
Kerr-McGee Corporation
Marathon Oil Company
Shell Oil Company
Sinclair Oil Corp.
Union Pacific Resources
Williams/Transco

***Agricultural***
Canadian Forest Products
Farmland Industries
Louisiana Pacific Corp.
Vineyard Investigations/TerraSpase
Western Farm Service

***Government***
Boulder County, CO Public Health
Colorado Geological Survey
Kentucky Geological Survey
Lake County, Florida
Los Alamos National Laboratory
Louisiana Dept. of Natural Resources
Miami Dade County, Florida
New York Geological Survey
New York City Dept. of Envir. Protection
New Zealand Dept. of Minerals & Energy
Pima County, Arizona
Sandia National Labs
Texas Railroad Commission
U.S. Army Corps of Engineers, Bureau of Land Management, Bureau of Mines, Bureau of Reclamation, Department of Energy, Geological Survey, Social Security Administration
United Nations
USAID
West Virginia Geological Survey

***Service Companies and Resellers***
International Business Machines Corp.
Perot Systems Corp.
RockWare, Incorporated
Scientific Software Group/EMS-I

***Education***
Arizona State University
Colorado School of Mines
Harvard University
Kuwait University
Oklahoma State University
Smith College
State University of New York
Tulane University
U.A.E. Univ. (United Arab Emirates)
Universities of Alabama, British Columbia, Colorado, Illinois, Kansa, Louisville, Michigan, Minnesota, Nevada Las Vegas, Oklahoma, Tulsa, Wisconsin, Wyoming, Zimbabwe
Yamagata University (Japan)

***Native American***
Blackfeet Tribe
Fort Peck Tribes
Southern Ute Tribe

***Utilities***
Virginia Power

***Non-Profit***
American Council of Veterinary Internal Med.
Denver Regional Council of Governments
Tulsa Geological Society

# Testimonials

Hear what Geotech's clients are saying about us:

*Using software from Geotech, our company was able to transfer many of the data management activities for a complex project from a high priced project manager to more economic tech and clerical staff members. This resulted in cost savings of $12,000 per year on just one project.* **Vice President, Major Consulting Company**

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*Geotech solved our data management problem by developing a semi-customized system tailored to our specific needs. This system now has over a million records of data in it. They provided exceptional service, and we are pleased with the program and Geotech's continuing support.* **VP of Planning, Major Petroleum Company**

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*We have found Geotech to be very receptive to our needs. The cost of Geotech setting up our system was very reasonable.* **Hydrologist, Landfill Division of a County Government**

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*We have been greatly impressed with the service provided by Geotech and the understanding of customization necessary to fit our needs. Project Manager,* **Engineering Consulting Company**

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*Our time to process electronic data files decreased from 30 minutes to 5 minutes per file using Geotech's software, for cost savings of almost $5,000 per year just for that one task.* **Data Administrator, Chemical Company**

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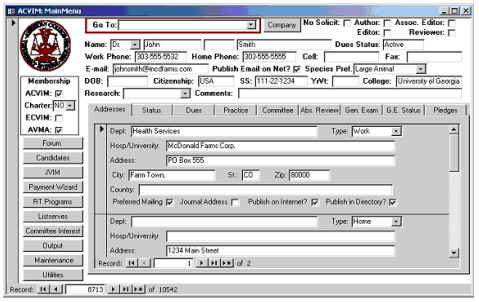
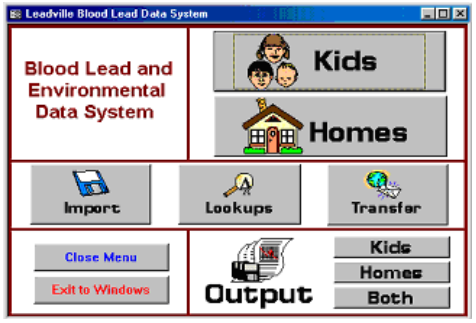
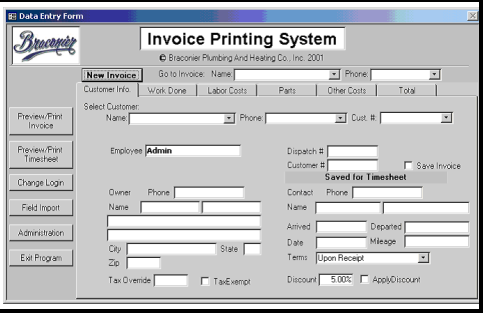
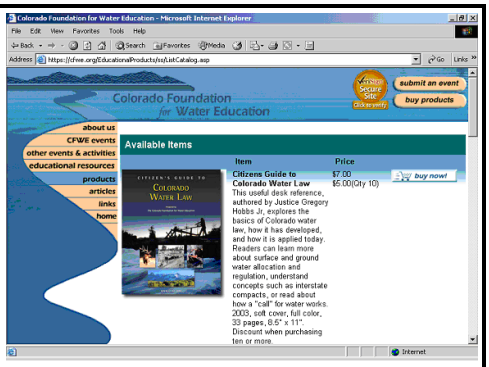
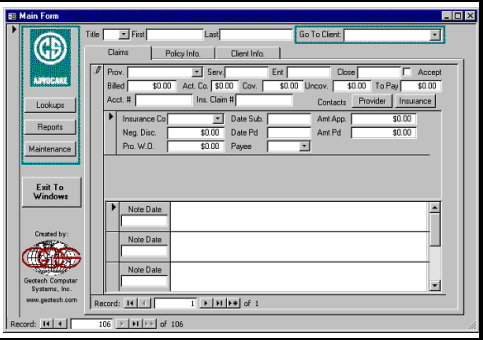
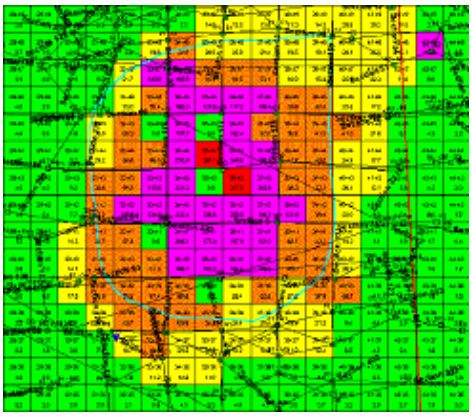
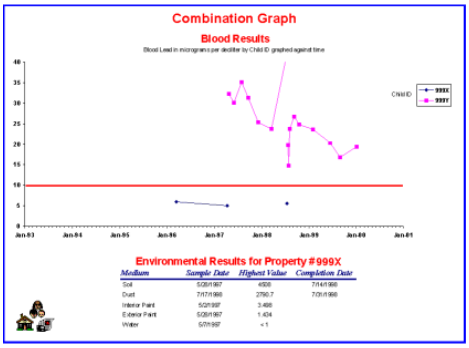
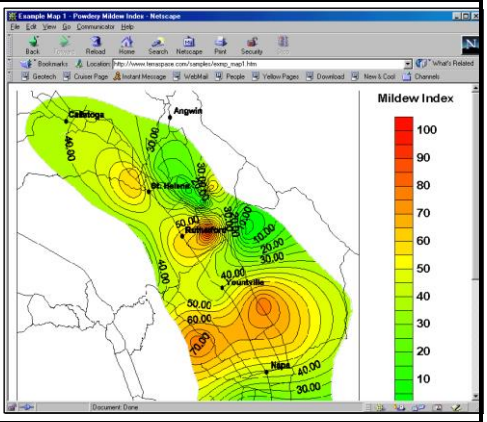
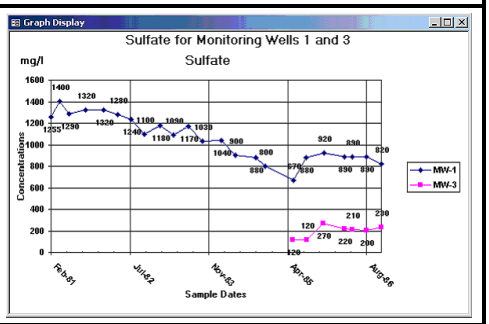
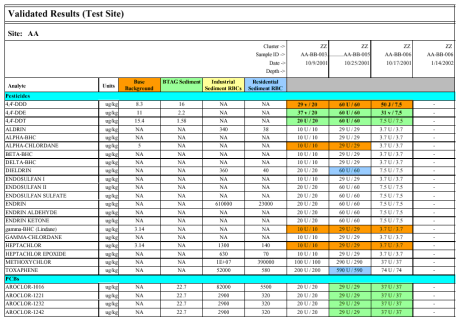
*The software provided by Geotech just works. We don't even think about it.* **Project Manager, Engineering Consulting Company**

# Example Geotech projects and client information

| Organization | Name<br>Title | Phone<br>Email | Example display |
|---|---|---|---|
| **Project description** | | | |
| **Am. Council of Veterinary Internal Medicine** | Ms. June Pooley<br>Director | 303-231-9933<br>June@ACVIM.org |  |
| Geotech built and maintains a database system and data-driven website for this non-profit organization, and has been doing so since about 1998. | | | |
| **ASARCO, Inc.** | Mr. Bob Litle<br>Project Manager | 303-296-5115<br>blitle@asarco.com |  |
| Geotech built and supports two database systems for public health and related data, one in Globeville and one in Leadville, Colorado. These systems, in use since 1996, are used to manage blood lead and related data. | | | |
| **Braconier Plumbing and Heating** | Mr. Cliff Selby<br>Manager, Special Projects | 303-777-8545 x112<br>selbyca@ braconier.com |  |
| Geotech created an Access-based system for printing customer invoices using portable computers and printers in the trucks on service calls. It integrates with their accounting and other systems. | | | |
| **California Dept. of Health Services** | Mr. Kurt Jackson<br>Project Scientist | 916-449-5683<br>kjackso1@dhs.ca.gov | (No example display available.) |
| Mr. Jackson is familiar with Geotech and our Enviro software, and its use in emergency response. | | | |
| **Coalbed Methane Associates** | Mr. Pedro Lopez<br>IT Manager | 307-660-9466<br>lopezp@ cbmainc.com | (No example display available.) |
| Pedro manages a client-server network running Geotech's Enviro Data product. | | | |

| | | | |
|---|---|---|---|
| **Colorado Foundation for Water Education** | Ms. Karla Brown<br>Executive Director | 303-377-4433<br>karlab@cfwe.org |  |
| Geotech has provided a variety of data management and web development services for this local non-profit organization, including modifying their existing database system and integrating it with their website. | | | |
| **Colorado Retired School Employees Association** | Ms. Edith Shelton<br>Administrator | 303-326-1808<br>CRSEA@ admin.aps.k12.co.us | (No example display available.) |
| Geotech has provided assistance as needed as they perform modifications to their Access database. | | | |
| **CS Advocare** | Ms. Pat Tucker<br>Manager | 303-755-1845<br>ccrispin@ earthlink.net |  |
| Geotech updated an older database system for managing patient data. We converted it from FoxPro to Access, and added a number of ease-of-use capabilities and new features. This is used on a daily basis in multi-user mode. | | | |
| **Kerr-McGee Corporation** | Mr. Roy Widmann<br>Manager, Hydrology | 405-270-2663<br>rwidmann@ kmg.com |  |
| Mr. Widmann was involved in implementation of a corporate data management system based on Enviro Data. Geotech staff has also performed a number of consulting and other service projects for Kerr-McGee since 1994. | | | |
| **Lake County, FL Water Resources Mgt.** | Mr. Walter Wood<br>Hydrogeologist | 352-343-3776x259<br>WWood@ co.lake.fl.us | (No example display available.) |
| Walter uses Enviro Data to manage his environmental quality data. Walter replaced an Equis system with Enviro Data in 2000 and has used it daily since. | | | |

| | | | |
|---|---|---|---|
| **Matrix Environmental** | Ms. Jennie Keys | 303-572-0200 | (No example display available.) |
| | | | |
| | Data Manager | jennie_keys@Matrix DesignGroup.com | |
| Jennie uses Enviro Data to manage remediation data at DOD sites. | | | |
| **McCulley Frick & Gilman, Inc.** | Ms. Amy Morrison | 719-486-3538 |  |
| | Project Manager | amorrison@ mfgenv.com | |
| Geotech built and supports a database system for public health and related data, in Leadville, Colorado. This system is used to manage blood lead and related data. | | | |
| **Newmont Mining Corporation** | Mr. Brian Krzys | 303-708-4152 | (No example display available.) |
| | Manager, Geologic Systems | Brian.Krzys@ Newmont.com | |
| Geotech provides a variety of programming and consulting services for this mining company. | | | |
| **Pima County, Arizona** | Mr. Steve King | 520-579-5771 | (No example display available.) |
| | Information Technology | steve.king@ wwm.pima.gov | |
| Geotech has provided a variety of data management products and services for the county. | | | |
| **TerraSpase** | Dr. Paul Skinner | 707-967-8325 x12 |  |
| | President | paulsts@ earthlink.net | |
| Geotech has built a number of database and web systems for TerraSpase, and its sister company Vineyard investigations, since 1989. These include text and graphical databases, and web sites displaying maps of weather data for wine growers, and also includes commercial software sold internationally by TerraSpase. | | | |
| **URS Corporation** | Ms. Martha Meyers-Lee | 919-461-1519 |  |
| | Senior Scientist | martha_meyers-lee@urscorp.com | |
| Martha has used Enviro Data on a variety of client projects since 1999, and has been directly involved in many product improvements. | | | |

<table>
<tr><td rowspan="2">US Bureau of Reclamation</td><td>Mr. Andy Kelly</td><td>719-589-5855x410</td><td rowspan="2">(No example display available.)</td></tr>
<tr><td>Lab Supervisor</td><td>akelly@uc.usbr.gov</td></tr>
<tr><td colspan="3">Andy supervised the implementation of Enviro Data for their office in Alamosa, CO. They use it to manage surface water data for a large watershed.</td></tr>
<tr><td rowspan="2">Weston Solutions</td><td>Mr. Pete Virag</td><td>610-701-7327</td><td rowspan="2">  </td></tr>
<tr><td>Manager, Data Management Department.</td><td>peter.virag@ westonsolutions.com</td></tr>
<tr><td colspan="3">Weston has been using Enviro Data since 2000, and has adopted Enviro Data as their company standard for environmental quality data management.</td></tr>
<tr><td rowspan="2">Weston Solutions</td><td>Ms. Sue Stefanosky</td><td>610-701-7228</td><td rowspan="2"></td></tr>
<tr><td>Data Administrator</td><td>sue.stefanosky@ westonsolutions.com</td></tr>
<tr><td colspan="3">Sue has used the Enviro Data software extensively for government and private sector clients for several years. She has been instrumental in many improvements to Enviro Data in that time.</td></tr>
</table>

# 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, Inc. 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 ten 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 Bachelors 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 EnviroData and several Geotech projects, including assisting in the development of web-active database for an online university.

## Mr. Chris Watson

Customer Support and GIS Specialist

Chris has a broad scientific, technical and program management background that includes spatial database application-development, hazardous-waste site investigation and remediation, and complex multi-site environmental design/build construction projects. Chris has a Master of Science in Environmental Sciences and a Graduate Certificate in Geographic Information Technologies from University of Massachusetts Boston and a Bachelor of Science in Mathematics with a minor in Physics from the University of Hartford. Here at Geotech, Chris provides support services for both Enviro Data and Enviro Spase as well as network infrastructure and specialized GIS projects. Chris is also a research assistant at UMass Boston where his research activities include coastal and marine spatial analysis, local climate change impacts and Geographic Information Science.

## Mr. Walter Wood

Software Consultant

Geotech is pleased to have Walter Wood join the Geotech team. He will be doing some programming, project work, and support for us. Walter has a broad knowledge of Florida 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 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. Welcome, Walter! We are very happy to have you be a part of Geotech!

## Ms. Karen Roney

Bookkeeper

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!

## Mr. Taylor Maes

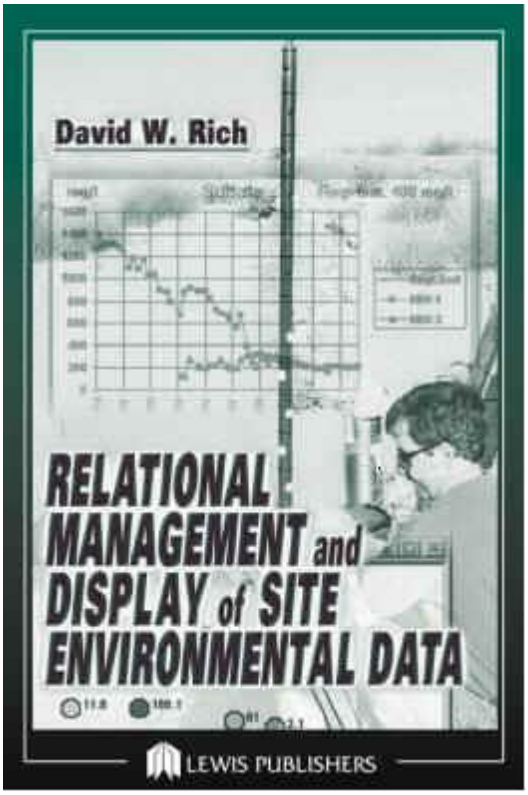
Junior Software Developer

Taylor Maes is a graduate of the University of Arizona’s Geosciences school. He is experienced in laboratory and field work. Some of the classes he has taken include Environmental Geography Field Studies, Biogeography, Conservation Biology, Remote Sensing and Cartography, Oceanography, Hydrogeology, Stratigraphy and Sedimentology among many others. Taylor looks forward to expanding his skills at Geotech by doing GIS work, software programming, updating software documentation, updating the Geotech website, and many other tasks.

## Dr. Rich's Book

# Relational Management and Display of Site Environmental Data

By Dr. David W. Rich of Geotech Computer Systems, Inc.




**List Price: $119.95**
**Cat. #: L1591**
**ISBN: 1566705916**
**Publication Date: 6/11/2002**
**Number of Pages: 460**

When your environmental project reaches the point where the amount of data seems overwhelming, you will need a robust tool to help you manage it. Written by a recognized expert and software author with over 25 years of industry experience, *Relational Management and Display of Site Environmental Data* begins with an overview of site data management concepts, and then progresses through relational data management theory, the design of the database tool, and implementing a data management system. It includes detailed information on data output including mapping and GIS applications, practical suggestions about working with laboratories, and concludes with pitfalls, horror stories, and successes in site data management. Current topics such as Internet data delivery and eXtensible Markup Language are also covered. The text provides you with the skills needed to effectively implement and operate an environmental data management system. The concepts covered can be applied to any system, from stand-alone through client-server to Web-based. Relational Management and Display of Site Environmental Data combines the fundamentals of data management and display with the author's many years of experience to help you create your own data management system or more intelligently select and use a commercial solution.