



# Geosystems



BHE remains in the forefront in the use of advanced geographic technologies for surveying, mapping, and database management.

## We use:

- + Global Positioning System (GPS) equipment for fast and accurate project mapping and data collection.
- + ArcView GIS (geographic information system) for comprehensive database management and efficient map production.
- + ArcIMS (internet mapping service) for data and map sharing over the internet.
- + AutoCAD for the completion of detailed and accurate drafting.

We also use image processing and geographic transformation software to convert scanned aerial photographs or maps into valuable digital data sources and base mapping.

Integrated utilization of spatial technologies is increasing rapidly as the processes from on-site mapping to final map production become automated. The results are greater efficiency, higher accuracy and lower overall costs. Our experience with these technologies allows us to provide you with an integrated solution that meets the needs of your project.

## SERVICES INCLUDE:

- + GPS Mapping with Trimble Equipment
- + GIS Data Collection and Attributing
- + ArcView GIS Database Development
- + Internet GIS Applications — Ultimap™
- + Custom Map Composition and Production
- + Cultural Resources Mapping and Data Management
- + Paper Map Digitizing and Digital Archiving
- + Aerial Photograph Scanning and Georeferencing
- + ArcView GIS Base Map Development
- + AutoCAD Drafting

**DEFINING ENVIRONMENTAL SOLUTIONS**