

## GIS Experience

Foit-Albert Associates team of surveyors and engineers are versed in the standards and procedures of geographic information system (GIS) technology. Geographic Information Systems (GIS) provides engineers, designers and planners



with the necessary mapping information to analysis geographic features, provide spatial statistics, and create a database inventory system for a wide variety of resources. Typical types of projects that utilize GIS are: comprehensive master plans, environmental impact analyses, transportation plans, utility management plans, coastal engineering studies, historical aerial imagery integration, urban tree inventories and sustainability feature mapping.

### Highlighted Projects:

#### *Siena College*

Foit-Albert Associates created a GIS data base for the college to begin integrating GIS into day-to-day operations.

- Mapped campus watersheds
- Created Land Development Feasibility Map for campus expansion

#### *FEMA - Lake Ontario*



Foit-Albert Associates reviewed 1978-79 aerial images of the U.S. Lake Ontario coast and geo-referenced them into a GIS. Worked with coastal engineers to map coastal erosion hazard areas in GIS.

The NYSDEC used the information for protecting the coast and limiting development in hazardous areas.