



Geographic Information Systems Services

Gulf South Research Corporation (GSRC) provides multidisciplinary environmental consulting services to government and corporate clients throughout the United States. GSRC provides environmental planning and compliance, natural resources, cultural resources, and ecological restoration services, all of which are supported by geographic information systems (GIS).

GSRC's GIS department provides services and products that turn a vast amount of geospatial data into meaningful and useful information to support effective decision-making. GSRC's GIS staff is proficient in geospatial analysis, including slope and aspect modeling, terrain analysis, topographic mapping, and hydrologic modeling. Data are captured from printed maps, GPS units, photo interpretation, or spatial satellite radar to develop the GIS databases and cartographic products.

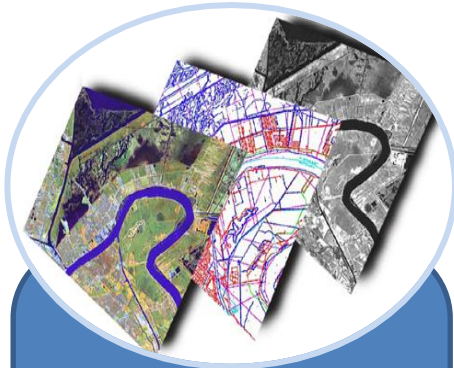
GSRC's GIS staff is fluent in ESRI's Technology Suite (ArcGIS), Computer-Aided Drafting (CAD), and remote sensing software. GSRC continuously pursues the newest technology strategies, ensuring that all GIS deliverables are innovative and state-of-the-art. The GIS department's seamless integration between CAD and GIS allows GSRC to work alongside professionals with various scientific, engineering, and technological backgrounds, developing solutions through a vast range of technology software platforms.

- ✓ ESRI ArcGIS 9x-10.x
- ✓ GeoMedia Professional
- ✓ AutoCAD / RainCAD 2012
- ✓ MicroStation V8i
- ✓ ERDAS Imagine
- ✓ PCI Geomatica
- ✓ ENVI
- ✓ Microsoft SQL Server
- ✓ Trimble Terrasync
- ✓ ESRI ArcPad 10
- ✓ Pathfinder Office
- ✓ Adobe Flash Builder



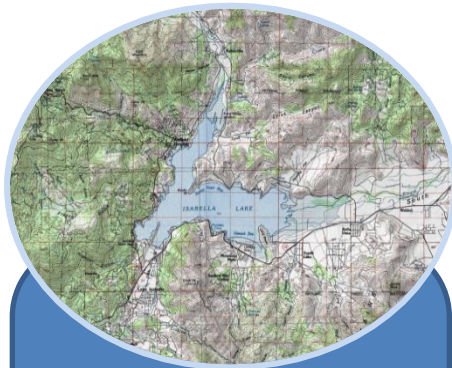
Data Collection and Analysis

- High-Accuracy GPS Data Collection
- Data Conversion
- Data Modeling & Spatial Analysis
- 3D Modeling and Analysis
- Remote Sensing Analysis/Classification
- LIDAR Processing, Analysis, and Visualization



Data Management

- Database Design and Development
- Feature and Attribute Management
- SDSFIE Data Standard Application
- Enterprise GIS



Cartographic Design

- Digitizing Services
- Map Creation
- Custom Mapping
- Exhibits
- Brochures
- Custom Video Production
- Website Creation

GIS Projects	Data Collection and Analysis				Data Management			Cartographic Design			
	Data Collection & Conversion	Data Modeling & Spatial Analysis	3D Modeling & Analysis	Remote Sensing Analysis/Classification	Database Design & Development	Feature and Attribute Management	SDS/FIE Data Standard Application	Digitizing Services	Custom Mapping	Exhibits, Brochures, Video Production	Web Creation
Kansas River Basin Channel Stabilization Geodatabase (KS)	🌐	🌐			🌐	🌐		🌐			
Wetlands Baseline Geodatabase (TX)	🌐	🌐			🌐	🌐	🌐	🌐	🌐		
Mapping of Wildfire Occurrences, 1990-2011 (TX)		🌐		🌐				🌐	🌐	🌐	
Vegetation Community Ground-Truthing (TX)	🌐			🌐	🌐	🌐	🌐	🌐	🌐		
Lower Walnut Creek Economic Analysis (CA)	🌐	🌐				🌐					
Sacramento River Bank Protection Program Geodatabase (CA)	🌐				🌐	🌐		🌐	🌐		
Inner Harbor Navigation Canal Lock Replacement (LA)		🌐				🌐		🌐	🌐		
Environmental Studies for Sulphur River Basin (TX)	🌐	🌐		🌐		🌐		🌐	🌐		
Bonnet Carre Spillway Master Plan Update (LA)	🌐	🌐				🌐		🌐	🌐	🌐	
USACE Videography <i>Sustaining the Mighty Mississippi</i> (LA)										🌐	
AZ Towers Remote Video Surveillance Systems EA, BA, Cultural (AZ)	🌐	🌐	🌐			🌐		🌐	🌐	🌐	
NAS Key West Essential Fish Habitat Assessment (FL)	🌐	🌐			🌐	🌐		🌐	🌐		
New Orleans to Venice Supplemental EIS (LA)	🌐	🌐				🌐		🌐	🌐	🌐	
Zemurray Park Aquatic Ecosystem Restoration ¹ (LA)	🌐		🌐			🌐		🌐	🌐		
Proposed RVSS Tower Locations Geotechnical Monitoring (AZ)	🌐		🌐		🌐	🌐		🌐	🌐	🌐	
Fort Bliss Website Creation Using ArcGIS API for FLEX (TX)		🌐			🌐	🌐			🌐		🌐
Environmental Studies for Moody Air Force Base (GA)	🌐	🌐				🌐		🌐	🌐		
USACE Videography, <i>Revetment</i> (LA)										🌐	
Naval Station Guantanamo Bay INRMP ² (Cuba)	🌐	🌐			🌐	🌐		🌐	🌐		
U.S. Border Patrol Laredo Sector Website Creation Using ArcIMS (TX)		🌐			🌐	🌐		🌐			🌐
Stennis WMA ³ Neotropical Migratory Bird Survey (MS)	🌐	🌐			🌐	🌐		🌐	🌐		
Fort Hunter Liggett Wetland Delineation and BA (CA)	🌐	🌐			🌐	🌐	🌐	🌐	🌐		
Interior Least Tern Population Survey (OK)	🌐	🌐				🌐		🌐	🌐	🌐	
Golden Eagle Conservation Development Surveys (NV)	🌐	🌐			🌐	🌐	🌐	🌐	🌐		
6,300-Acre Phase I Archaeological Survey, Fort Polk (LA)	🌐	🌐				🌐	🌐	🌐	🌐	🌐	
3,200-Acre Phase I Cultural Resources, Fort Hunter Liggett (CA)	🌐	🌐				🌐	🌐	🌐	🌐	🌐	
Phase II and Phase III Cultural Resources, England Air Park (LA)	🌐	🌐				🌐		🌐	🌐	🌐	
USACE Videography, <i>Flood Fight</i> (LA)										🌐	
Tohono O'odham Integrated Fixed Towers EA and Cultural (AZ)	🌐	🌐				🌐		🌐	🌐		
SBI ⁴ Towers Buffalo and Detroit (NY, MI)	🌐	🌐	🌐			🌐		🌐	🌐	🌐	
Pensacola Phase II Archaeological Survey (FL)	🌐	🌐				🌐		🌐	🌐		

¹Water Resources Development Act, Section 206

²Integrated Natural Resources Plan

³Wildlife Management Area

⁴Biological Assessment



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