

PROJECT TITLE: Data Base Management System

STATUS: Ongoing

ESTIMATED FY2003 COST: \$109,000

DURATION: Annually

FY2003 Objectives:

General

- Administer the database
- Service data requests
- Integrate current year data into the system

Data base development project

- Conduct training and workshops

Project Timeline 2001 – 2003

	2001	2002	2003		
Conduct needs assessment and conceptual framework	August-October				
Program pilot database	November-December				
Validate database design and interface with the GIS		January-February			
Populate the database with legacy GCMRC and GCES data sets		March-May			
Document database design, maintenance, and use		June-August			
Develop graphical user interfaces (GUI) for internal staff		September-October			
Develop web interfaces for external PI's and stakeholders		November-December			
Conduct training and workshops			January-March		
Completed			Completed		

PROJECT TITLE: Geographic Information System

STATUS: Ongoing

ESTIMATED COST: \$145,000

DURATION: Annually

FY2003 Objectives:

General

- Administer GIS data systems
- Service data requests
- Integrate current year data into the system

Internet Map Server development project

- Deploy pilot IMS

Project Timeline 2001 – 2003

	2002	2003	2004	2006	2007
Develop GIS/Oracle database using Spatial Database Engine (SDE), geodatabase model, and Oracle RDBMS engine	January-December				
Deploy pilot IMS project with limited number of datasets available with limited mapping, query, and downloading functionality		January-December			
Expand deployment of IMS to include all GCMRC datasets (where possible)			January-December		

PROJECT TITLE: Library Operations

STATUS: Ongoing

ESTIMATED FY2003 COST: \$80,000

DURATION: Anually

General

- Administer library operations
- Service data requests
- Integrate current year data into the library

Aerial Photography Scanning project

- Complete pilot scanning project

Project Timeline 2003 – 2006

	2003	2004	2005	2006	2007
Pilot study	July-December				
Scan photos collected in 1935-1990		January-December			
Scan photos collected in 1991-1995			January-December		
Scan photos collected in 1996-1999 and miscellaneous photos				January-December	
Completed				December	

PROJECT TITLE: Decision Support System

STATUS: New

ESTIMATED FY2003 COST: \$150,000

DURATION: Three to five years

FY2003 Objectives:

- Conduct needs assessment
- Evaluate existing tools and approaches
- Begin developing tools and interfaces where non exist

Project Timeline 2003 – 2005/7

	2003	2004	2005	2006	2007
Conduct needs assessment	January-March				
Evaluate existing tools and approaches	March-September				
Develop tools and interfaces where non exist	October-December	January-December			
Document use and maintenance			January-September		
Conduct workshops and training			October-December		
Completion			December		

PROJECT TITLE: Surveying

STATUS: Ongoing

ESTIMATED FY2003 COST: \$117,000

DURATION: Annually

FY2003 Objectives:

General

- Administer the survey program
- Service survey requests
- Report data to DBMS and GIS

Survey Control Network

- Continue installation of control network

Hydrographic Channel Mapping

- Continue hydrographic channel mapping

Project Timelines 2000 – 2004

	2000	2001	2002	2003	2004
RM 72-89	January-December				
RM 99-120		January-December			
RM 120-145			January-December		
RM 145-180				January-December	
RM 180-280					January-September
Completed					December

PROJECT TITLE: System Administration

STATUS: Ongoing

ESTIMATED FY2003 COST: \$233,000

DURATION: Annually

FY2003 Objectives:

- Administer network, computers, and software
- Service computer problem requests
- Upgrade computing infrastructure and provide new functionality
- Web development and maintenance

PROJECT TITLE: Multispectral Digital Imagery and LIDAR Data Collection

STATUS: New/Ongoing

ESTIMATED FY2003 COST: \$430,000

DURATION: Annually

FY2003 Objectives:

- Collect multiapsectral digital imagery
- Collect LIDAR
- Integrate imagery and LIDAR into data systems

Project Timeline 2003 – 2007

	2003	2004	2005	2006	2007
Collect aerial imagery and LIDAR	May-June	May-June	May-June	May-June	May-June
Delivery of imagery and LIDAR products	August-September	August-September	August-September	August-September	August-September