

Rose Marie Fletcher

834 Amoka Ct., Diamondhead, MS 39525, (228) 363-8239, geormf@gmail.com
Room G128, Bldg. 1105, Stennis Space Center, MS 39529, (228) 688-3622, Rose.M.Fletcher@.nasa.gov

Job Objective: GIS Specialist

Qualifications

- ◆ 20-years experience in geospatial modeling, mapping, and analysis
- ◆ Software ARCGIS, ERDAS, ArcSDE, ArcObjects, ArcIMS, ENVI, Matlab, GPS, Google, Sketch-up, Quic Model, Dreamweaver, Metis, Microsoft Office, Microsoft Project, Microsoft Access
- ◆ Familiar with a wide range of data sources, types, formats, and conversions
- ◆ Served as project lead on science application projects, and configuration manager for data systems
- ◆ Experience writing grant proposals, project reports, metadata, software documentation & publications

Professional Accomplishments

- ◆ Served as coordinator on a successful \$70 million project to develop and operate a data management system which included verification, tracking, distribution, & customer service
- ◆ Developed a historical (1951) digital orthophoto mosaic for a 300 mi² DOE facility to support research in biodiversity and archeology for the USFS.
- ◆ RS/GIS analysis of time series MODIS data to evaluate phenological changes in land cover for an EPA water quality study in the Bay of St. Louis watershed over a period of 10 years.
- ◆ Analyzed field/satellite data to develop a salinity model for monitoring health in marsh & oyster areas
- ◆ Compiled historical data & performed analysis of shoreline change for the MS barrier islands
- ◆ Researched, collected, and digitized South Carolina old colonial land plat maps for the USFS
- ◆ Investigated development of a NASA energy portal, developing web storyboard and industry survey
- ◆ Supported GIS web portal for the Mississippi Dept. of Health including geocoding of health data
- ◆ Supported development of web tool for hurricane damage assessments (Dept. of Homeland Security)
- ◆ Participated in NASA enterprise architecture, website on NASA assets, database of NASA grants, development of NASA strategic plans, coordinated NASA workshops, performed field surveys, developed educational materials, worked as college lab assistant, and highway engineering draftsman.

Work History

05/10-Present	Computer Sciences Corporation, SSC, MS	GIS Specialist
09/04 – 05/10	Science Systems and Applications, SSC, MS	Senior GIS Analyst
08/96 - 09/04	Lockheed Martin Corp., SSC, MS	GIS Analyst
05/92 - 07/96	So. Research Station, USFS, Clemson, SC	GIS Ecologist
06/91 – 09/91	SC Land Resource Com., Columbia, SC	GIS Technician
09/90 – 05/92	Univ. So. Carolina, Columbia, SC	Research Assistant
02/84 – 07/90	Alabama Highway Dept., Mobile, AL	Engineering Assist.

Education

University of South Carolina	M.S.	Physical Geography	1996
University of South Alabama	B.S.	Geography/Geology	1983

Professional References

Jeff Jenner/NOAA NDBC	Former NASA Contract Task Monitor	jeff.jenner@noaa.gov
Fritz Policelli/NASA Goddard	Former NASA Contract Task Monitor	(301) 614-5620
Troy Frisbie/NASA SSC	Former NASA Contract Task Monitor	(228) 688-1989