

**Office of State Budget and Management**  
**Establish New, Receipt-Supported Positions**  
(G.S. 143-34.1)

**Agency:** North Carolina Geological Survey      **Division:** Land Resources

**Budget Code:** 14300    **Center Title:** Geological Survey – USGS Coastal Co-operative Program      **Center Number:** 17357372

**\*\*\* Position Information \*\*\***

**Proposed Classification:** Computing Consultant I      **Proposed Salary Grade:** 70

**Salary Range:** \$30,451 – 49,799      **Proposed Effective Date:** 11/01/03

**Number of Positions:** 1

	<u><b>Center Authorized Budget</b></u>	<u><b>Current Request</b></u>
Total Budget	\$222,973	\$31,916
Receipts	<u>\$222,973</u>	<u>\$31,916</u>
Appropriation	\$ 0	\$0

Funding Source(s): U.S. Geological Survey Coastal Co-operative grant (Federal receipts)

Justification for Position (including description of duties and responsibilities):

The NCGS is contractually obligated to develop, manage, archive and serve via the internet a wide variety of Geographic Information System (GIS) data. Insufficient expertise exists in-house to meet our project needs. These services have been performed by a temporary position, funded by this grant for the last several years. Receipt Funds are budgeted for temporary personnel to perform these duties.

Specific duties of this position will include assembling NC Flood Plain Mapping Program LIDAR data from the program website for use in geomorphic mapping. Other standard GIS data layers as needed for project work will also be assembled and organized for project use. Employee will provide training to staff geologists in GIS, manage the office's GIS software licenses, and conduct preliminary analysis of the data under supervision of a geologist. They will design and manage the datasets being assembled and built under the project and ensure that they are consistently backed up and maintained in a secure and well organized manner. The employee will also develop web serving applications (ARC IMS) of project data for distribution to collaborators and the general public. They will ensure that FGDC-compliant metadata are maintained on all NCGS-generated data layers.

Statutory Reference for Request

Sheryl Stephens  
Presentation to be made by

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Agency Head Signature

Legislative Liaison  
Title

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State Budget Officer Signature