



Association of  
American State Geologists



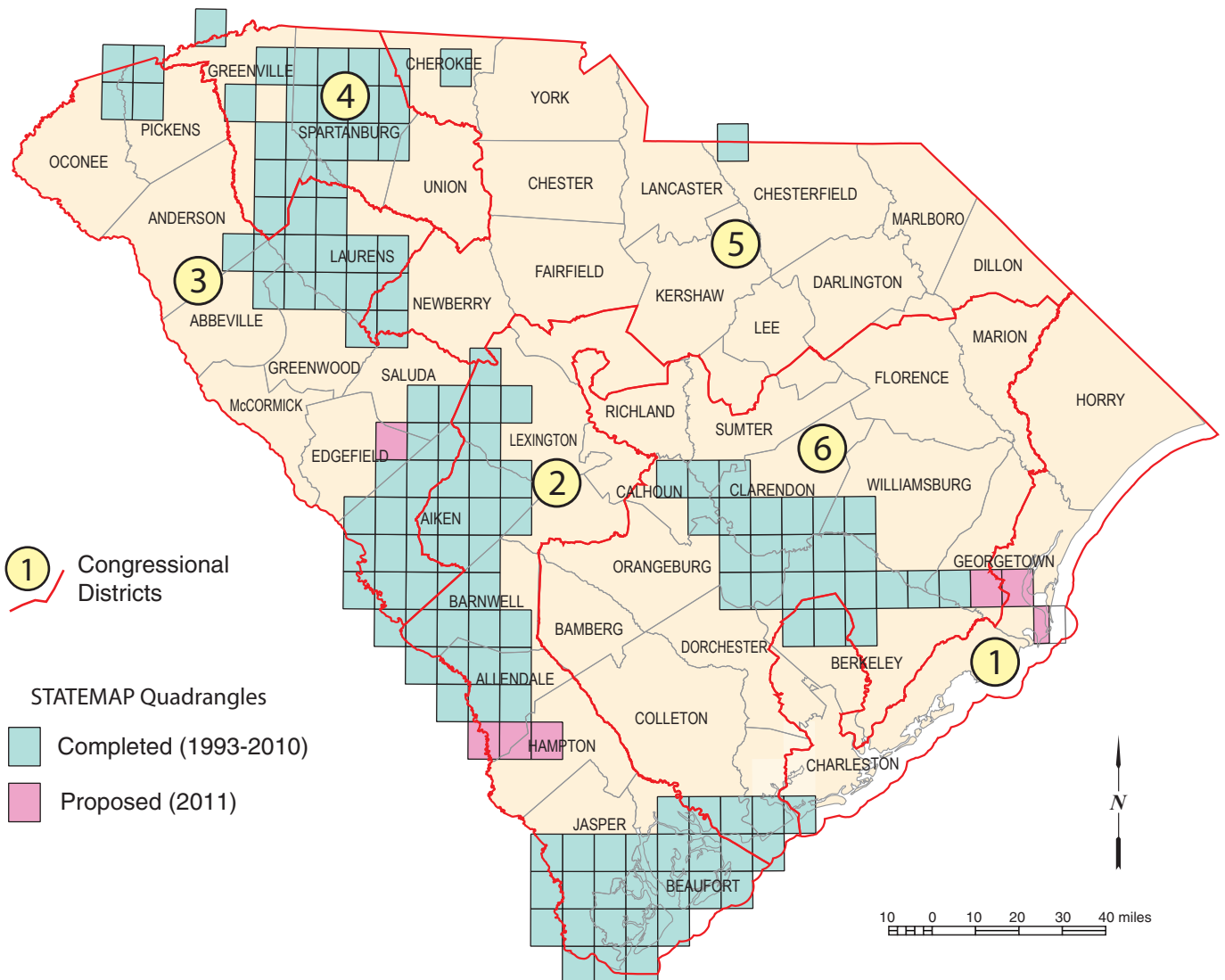
United States  
Geological Survey

# National Cooperative Geologic Mapping Program

## STATEMAP Component:

States compete for federal matching funds for geologic mapping

## SOUTH CAROLINA



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## SUMMARY OF STATEMAP GEOLOGIC MAPPING PROGRAM IN SOUTH CAROLINA

Federal fiscal year	No. of quads mapped	7.5-minute geologic quadrangles mapped	Federal Dollars awarded	SCGS Dollars matched	Total Project Dollars
1993-4	1	Ware Shoals East	\$18,000	\$18,000	\$36,000
1994-5	3	Laurens South, Clinton, Cross Hill	\$25,000	\$25,000	\$50,000
1995-6	5	Dyson, Cokesbury, Waterloo, Bush River, Joanna	\$15,000	\$15,000	\$30,000
1996-7	3	Laurens North, Chappells, Shoals Junction	\$116,000	\$116,000	\$232,000
1997-8	10	Paris Mtn., Pelham, Inman, Valley Falls, Wellford, Reidville, Lone Star, Fort Motte, Pinewood, Saint Paul	\$110,372	\$110,372	\$220,744
1998-9	6.5	Tigerville, Greer, Campobello, Fountain Inn, Ellore, Summerton, Pageland (SC Portion)	\$87,570	\$87,570	\$175,140
1999-0	5.5	Edisto Beach, Edisto Island, St. Helena Sound (1/2), Fork Shoals, Woodruff, Hickory Tavern	\$102,000	\$107,959	\$209,959
2000-1	8	St. Helena Sound (S 1/2), Frogmore, St. Phillips Island, Fripps Inlet, Parris Island (E 1/2), Pacolet, Cowpens, Moore, Mauldin	\$114,197	\$183,670	\$297,867
2001-2	5.5	Bluffton, Spring Island, Parris Island (W 1/2), Jasper, Glenn Springs, Moore*	\$160,742	\$215,749	\$376,491
2002-3	14	Pritchardville, Hilton Head, Tybee Island North, Fort Pulaski, Savannah, Spartanburg, Simpsonville, (revised for 100k compilation: Cowpens*, Pacolet*, Moore*, Reidville*, Pelham*, Fountain Inn*, Fork Shoals*)	\$200,000	\$259,346	\$459,346
2003-4	19	Honea Path, Ware Shoals West, Mauldin, Beaufort, Bennetts Point, Wiggins, Dale, Jordan, Ware Shoals East*, Hickory Tavern*, Woodruff*, Greer*, Frogmore*, Edisto Island*, Edisto Beach*, St. Helena Sound*, Lonestar*, Ellore*, Fort Motte*	\$230,358	\$230,449	\$460,807
2004-5	9	Eastatooe Gap (S 1/2), Sunset (N 1/2), Salem (N 1/2), Limehouse, Hardeeville, Port Wentworth (E 1/2), Rincon (E 1/2), Butlers Bay, Pineville, Blacksburg South)	\$228,584	\$236,088	\$464,672
2005-6	11.5	Lake Murray West, Foxtown, Ridge Spring, Monetta, Steedman, Greeleyville, St. Stephens, Eadytown, Reid, Trenton*, Aiken NW*, Standingstone Mountain*	\$222,716	\$222,716	\$445,432
2006-7	14	Aiken, Batesburg, Gilbert, Barr Lake, Bonneau, Cross, Chicora, Alvin, Rockville, Augusta East*, Hollow Creek*, New Ellenton*, Windsor*, Williston*	\$208,627	\$208,627	\$417,254
2007-8	17	Holly Hill, Sandridge, Vance, Eutawville, Emory, North Augusta, Graniteville, Oakwood, Mechanic Hill*, Jackson*, New Ellenton SW*, New Ellenton SE*, Long Branch*, Shell Bluff Landing*, Girard NW*, Girard NE*, Snelling*	\$226,172	\$294,336	\$520,508
2008-9	9	Hardeeville NW, Tillman, Ridgeland, Laurel Bay, Summerville NW, Moncks Corner, Cordesville, Kitchings Mill, Salley	\$211,765	\$237,653	\$449,418
2009-0	6	Seivern, Wagener, Barnwell, Martin, Millet, Girard	\$220,644	\$223,312	\$443,956
2010-1	6	Allendale, Burtons Ferry Landing, Bull Pond, Barton, Jamestown, Cedar Creek	\$216,094	\$218,760	\$434,854
<b>Totals</b>	<b>153</b>		<b>\$2,713,841</b>	<b>\$3,010,608</b>	<b>\$5,724,449</b>

\*STATEMAP funded digitization of an existing map

The mission of the South Carolina Department of Natural Resources, Geological Survey (SCGS) is to provide reliable, scientific information to the public and private decision-makers involved with land-use planning, environment, and economic development. By placing emphasis on the socio-economic needs for new geologic information, the STATEMAP component of the National Cooperative Geologic Mapping Program compliments our legislatively mandated duties. These duties include geologic reconnaissance, mapping, and gathering of surface and subsurface data, as well as the publication of the information. STATEMAP awards allow Federal dollars to be used by the SCGS to address socio-economic needs for geologic information on a local level. What organization, other than a government agency, could collect, analyze, update, revise, and maintain the information necessary to produce the maps, while not trying to develop a profit?

Expansion of mapping into the Coastal Plain over the past 14 years has provided the first, detailed 1:24,000-scale maps of many areas. By end of 2008, the Lake Marion-Lake Moultrie area was completely mapped. Almost all of Aiken County has been mapped. The south coast from Rockville to the mouth of the Savannah River, and landward to Hardeeville, also has been completed. In the Piedmont, the Mountain Bridge compilation that covers the Jocassee Gorges in the west to Interstate 26 in the east is available. STATEMAP has enabled the SCGS to develop a highly professional GIS digital mapping program. The benefits include the development of digital products. In such a format, the new information can be used by many diverse interests or for specific purposes without significantly diminishing the value received by all. The digital mapping program is now producing and distributing a new generation of digital map products with expanded explanations, cross sections, and photographs, as well as GIS data layers. It is in the best interest of South Carolina to be involved in STATEMAP because it makes geologic map information widely available at low cost and because the availability of such information maximizes the benefits and opportunities for all citizens and businesses.

Revised (06/22/2010)