



Association of American
State Geologists



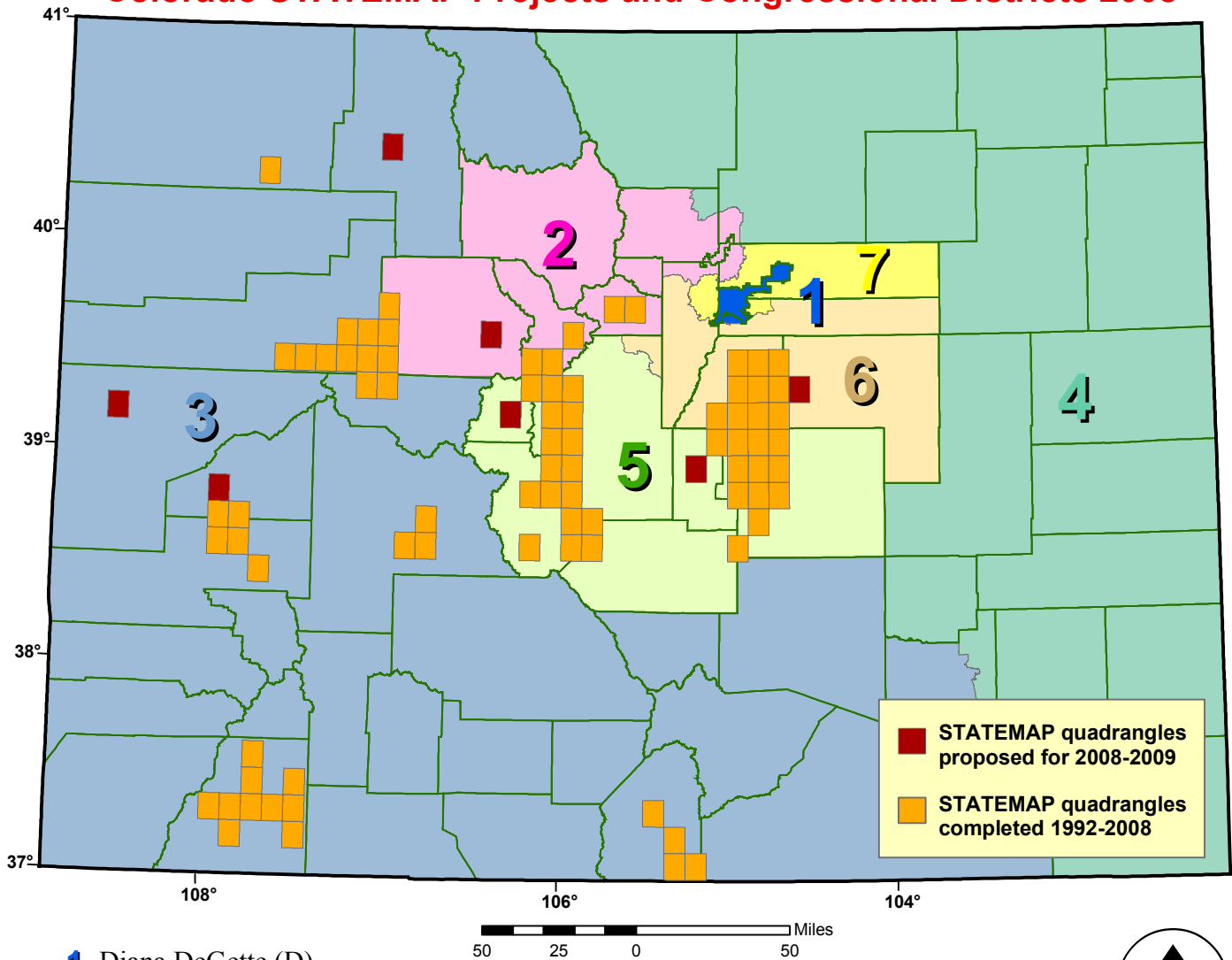
United States
Geological Survey



National Cooperative Geologic Mapping Program

STATEMAP Component: States compete for federal matching funds for geologic mapping

Colorado STATEMAP Projects and Congressional Districts 2008



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Summary of STATEMAP Geologic Mapping Program in Colorado

Federal Fiscal Year	Names of 7.5-Minute Geologic Quadrangles Mapped	Number of Maps	Federal Funds Awarded	State Match	Total Funding
1993	Glenwood Springs	1	\$10,000	\$10,000	\$20,000
1994	Shoshone	1	\$35,000	\$35,000	\$70,000
1995	Cattle Creek, Center Mountain	2	\$25,000	\$25,000	\$50,000
1996	Carbondale, Cottonwood Pass, Dotsero	3	\$85,897	\$85,897	\$171,794
1997	Axial, Basalt, Leon, Ludwig Mtn., Rules Hill, Salida E.	6	\$82,457	\$82,457	\$164,914
1998	Cameron Mtn., Durango E., Durango W., Hunter Mesa, Mt. Sopris	5	\$118,337	\$118,337	\$236,674
1999	Colorado Springs, Gribbles Park, Hesperus, Idaho Springs, Jack Hall Mtn.	5	\$100,518	\$100,518	\$201,036
2000	Basin Mtn., Castle Rock Gulch, Georgetown, Gibson Gulch, Pikeview	5	\$120,446	\$120,446	\$240,892
2001	Breckenridge, Cheyenne Mtn., Elsmere, Ft. Garland SW., Hermosa, Keystone, Monument	7	\$228,641	\$228,641	\$457,282
2002	Black Forest, Cascade, Copper Mtn., Electra Lake, Falcon NW., Greenland, Manitou Springs, Taylor Ranch	8	\$253,986	\$253,986	\$524,966
2003	Alma, Buena Vista E., Castle Rock S., Cherry Valley School, Dawson Butte, La Valley, Vallecito Reservoir	7	\$224,724	\$224,724	\$457,803
2004	Almont, Buena Vista W., Castle Rock N., Como, Culebra, Larkspur, Sedalia	7	\$195,684	\$195,684	\$391,368
2005	Fairplay E., Fairplay W., Gunnison, Maysville, Mt. Pittsburg, Palmer Lake, Russellville	7	\$178,535	\$178,535	\$357,070
2006	Garo, Jone Hill, Montrose E., Mt. Deception, Olathe, Ponderosa Park, Signal Peak	7	\$202,119	\$202,119	\$404,238
2007	Antero Reservoir, Bayfield, Climax, Dakan Mtn., Delta, Hoovers Corner, Marmot Peak, Olathe NW	8	\$236,955	\$236,955	\$473,910
Totals:		79	\$2,098,299	\$2,098,299	\$4,196,598

STATEMAP funds awarded to the Colorado Geological Survey (CGS) have helped support detailed mapping of bedrock and surficial deposits in 21 Colorado counties (Chaffee, Clear Creek, Costilla, Delta, Douglas, Eagle, El Paso, Elbert, Fremont, Garfield, Gunnison, La Plata, Las Animas, Moffat, Montrose, Park, Pitkin, Summit, Teller).

Geologic maps produced as part of Colorado's STATEMAP program are used by geoscience professionals and by planners and decision-makers at the state, county, and municipal levels of government. Information from these maps is regularly incorporated into decision-making on a wide variety of local and county-wide issues that include identifying geologic hazards, protecting ground water resources, locating new municipal wells, siting waste-disposal facilities, identifying potential aggregate resources, and addressing a broad spectrum of land-use concerns.

CGS continues to be involved in cooperative planning and mapping efforts with two other components of the National Cooperative Geologic Mapping Program (NCGMP). The USGS (FEDMAP component) uses CGS 1:24,000-scale geologic quadrangles to improve the quality and understanding of geologic relationships for 1:100,000-scale maps they are currently producing for the Central Colorado Assessment Project. We also work with university professors who propose and conduct EDMAP mapping projects in Colorado. As a result of these efforts, we serve each others' needs and enhance the usefulness and value of our mapping.