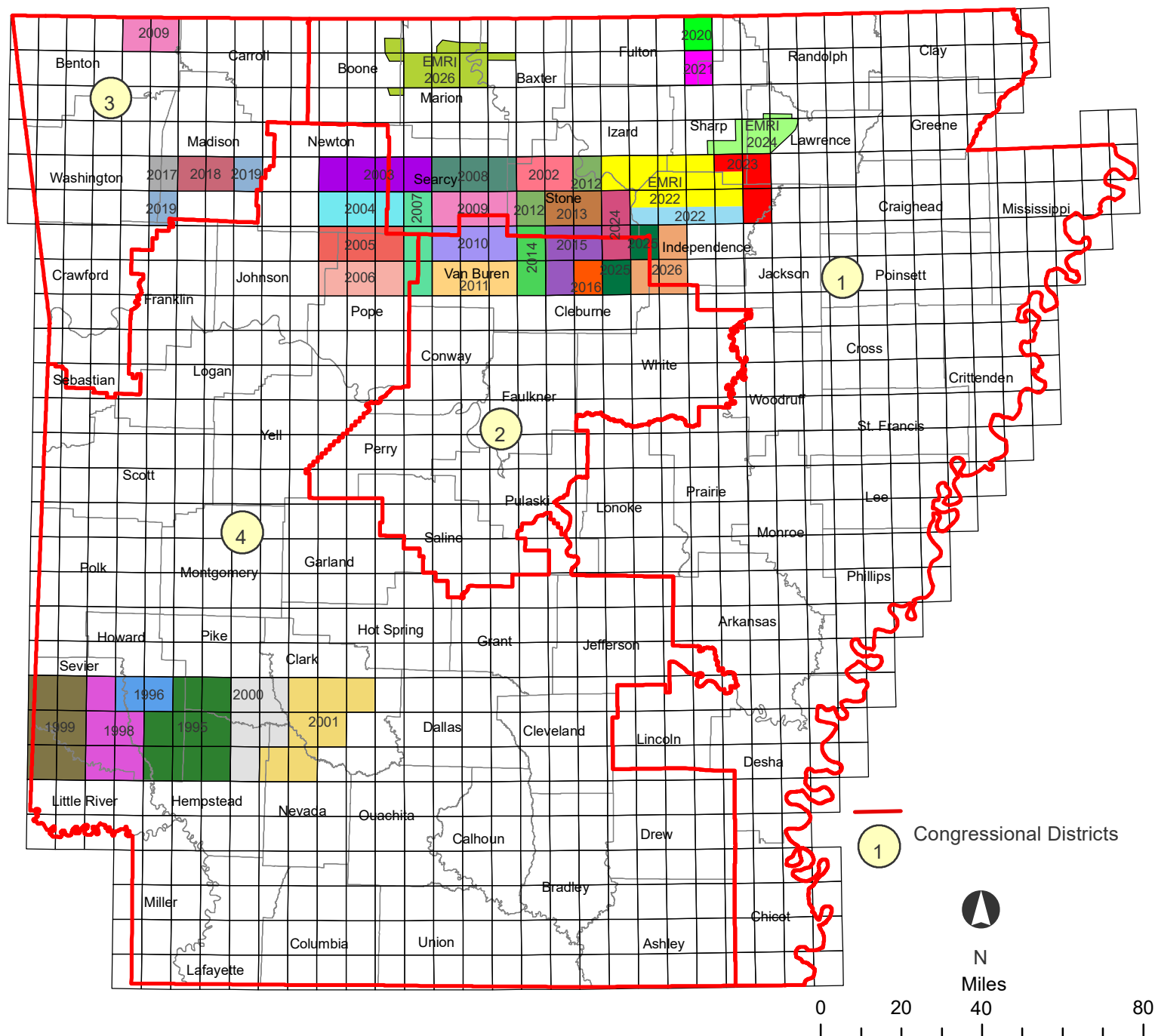


National Cooperative Geologic Mapping Program

STATEMAP: competitive, matching-funds federal grant program created to promote bedrock geologic mapping.
Earth Mapping Resources Initiative (Earth MRI): federal grant program focused on critical mineral resources.

History of STATEMAP and Earth MRI project areas in Arkansas



Contact Information:

Arkansas' Office of the State Geologist

Director & State Geologist: Scott Ausbrooks (501-296-1882)
Principal Investigator: Richard Hutto (501-683-0151)
<https://www.geology.ar.gov>

United States Geological Survey

National Cooperative Geologic Mapping Program

Administrative Program Manager: Michael Marketti (703-328-3102)
Associate Program Coordinator: Kate Ritzell (571-512-1641)

SUMMARY OF COOPERATIVE GEOLOGIC MAPPING PROGRAMS IN ARKANSAS

Year	Quadrangles	State Dollars	Federal Dollars	Total Project Dollars
1994-1995	Murfreesboro, Nathan, Nashville, McCaskill, Mineral Springs North, Mineral Springs South, Columbus, Washington	\$33,987	\$25,000	\$58,987
1995-1996	Center Point, Dierks	\$13,037	\$10,000	\$23,037
1997-1998	Geneva, Lockesburg, Silver Ridge, Falls Chapel, Ben Lomand	\$43,410	\$41,210	\$84,620
1998-1999	DeQueen, Chapel Hill, Horatio, Cerrogordo, Arkinda, Winthrop	\$40,889	\$40,825	\$81,714
1999-2000	Antoine, Delight, Pisgah, Piney Grove, Blevins	\$38,327	\$38,311	\$76,638
2000-2001	Arkadelphia, Hollywood, Okolona North, Okolona South, Gurdon, Prescott East, Prescott West	\$42,292	\$38,110	\$80,402
2001-2002	Onia, Fifty-Six	\$46,437	\$45,377	\$91,814
2002-2003	Parthenon, Mt. Judea, Eula, Snowball	\$52,160	\$50,595	\$102,755
2003-2004	Deer, Lurton, Moore	\$49,760	\$48,865	\$98,625
2004-2005	Fort Douglas, Sand Gap, Smyrna	\$64,138	\$64,138	\$128,276
2005-2006	Treat, Simpson, Solo	\$73,582	\$52,934	\$126,516
2006-2007	Witts Springs, Tilly, Lost Corner; Idabell 1:100K	\$92,344	\$81,882	\$174,226
2007-2008	Marshall, Harriet and Landis; DeQueen 1:100K	\$75,537	\$71,365	\$146,902
2008-2009	Cannan, Leslie, Oxley, Pea Ridge, Garfield	\$104,705	\$104,704	\$209,409
2009-2010	Alread, Botkinburg, Old Lexington	\$64,851	\$64,833	\$129,684
2012-2011	Rex, Clinton, Scotland	\$70,328	\$67,110	\$137,438
2011-2012	Fox, Sylamore	\$74,082	\$72,153	\$146,235
2012-2013	Mountain View, Mountain View SW	\$71,897	\$65,440	\$137,337
2013-2014	Shirley, Fairfield Bay	\$63,055	\$59,272	\$122,327
2014-2015	Parma, Prim, Greers Ferry	\$74,405	\$72,220	\$146,625
2015-2016	Brownsville	\$69,341	\$45,569	\$114,910
2016-2017	Durham	\$67,621	\$49,438	\$117,059
2017-2018	Japton, Witter	\$82,968	\$59,943	\$142,911
2018-2019	Weathers, Delaney	\$75,410	\$67,585	\$142,995
2019-2020	Mammoth Spring	\$65,629	\$65,629	\$131,258
2019-2021	Batesville Manganese District-Earth MRI 1:24K	\$100,000	\$100,000	\$200,000
2020-2021	Stuart	\$73,662	\$49,357	\$123,019
2021-2022	Bethesda, Batesville, Sulphur Rock, and Charlotte; Mountain View 1:100K	\$132,850	\$126,115	\$258,965
2022-2023	Grange, Strawberry, Cord, Strangers Home	\$64,999	\$64,999	\$129,998
2023-2024	Marcella, Drasco	\$106,729	\$106,729	\$213,458
2024-2025	Greers Ferry Dam, Concord	\$89,009	\$75,901	\$164,910
2023-2026	Northeast and North-Central Lead & Zinc Districts Earth MRI 1:24K	\$330,000	\$330,000	\$660,000
2025-2026	Floral, Jamestown, Pleasant Plains	\$108,701	\$83,239	\$191,940
1994-2026	TOTALS	\$2,556,143	\$2,338,849	\$4,894,991

Since 1994, the Office of the State Geologist (OSG), formerly the Arkansas Geological Survey, has actively participated in STATEMAP, the state component of the National Cooperative Geologic Mapping Program (NCGMP). STATEMAP is a yearlong grant program, administered by the U.S. Geological Survey (USGS), which provides the opportunity for state surveys to compete for federal funds that are matched by the state and used for geologic mapping and other data-driven research projects. With STATEMAP funding in place, OSG geologists are able to collect the field data they need to accurately map the geology of an area at the 1:24,000 scale. Geologic mapping at this scale provides a reasonably detailed depiction of the nature, composition, and distribution of earth materials within our state. This information is essential for making sound decisions regarding the orderly exploration, development, and protection of our state's natural resources. Recently, the OSG has also participated in the Earth Mapping Resources Initiative (Earth MRI), another USGS cooperative grant program that provides funding for longer term mapping projects focused on critical mineral deposits within the states.

Since Arkansas began participating in STATEMAP, we have completed ninety-three bedrock/surficial geologic maps based on USGS 7.5-minute topographic series quadrangles, and three maps based on 30 x 60-minute (1:100,000-scale) quadrangles. Five 1:24,000-scale maps have been completed in north-central Arkansas for Earth MRI. Two depict a large area near Batesville, known historically as the Batesville manganese district, and the other three cover the North Arkansas lead and zinc district, a historical mining area that stretches from Harrison to Black Rock. This year, OSG geologists will be back in the field gathering data south of Batesville to produce four more geologic maps for STATEMAP. To view or download our published maps, please visit <https://www.geology.arkansas.gov/maps-and-data/geologic-maps.html>.