

# Geology of the southern midcontinent

## Oklahoma Geological Survey - Southern Midcontinent region



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-Geology of the southern midcontinent

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### GSA Today

Reservoirs in the Arbuckle are complex, and porosity is controlled by original depositional fabric, diagenesis, paleokarst, and fracture overprint.

### Chapter 8 The Southern Midcontinent, Permian Basin, and Ouachitas

This project supports the Earth Mapping Resources Initiative EarthMRI by developing a mineral systems approach for defining focus areas.

### Research Opportunities

A billion years from now, parts of the Andes and Cascadia volcanic arcs might look similar, and the Alpine and Himalayan collisions might appear to have been adjacent.

### Roadside Geology of Oklahoma

By default, it has been assumed that the compression must be Grenville in age, so the faulted sediment must be older than 980 Ma e. Gina Ross and her staff in automated cartography were helpful in the preparation of the maps.

### Roadside Geology of Oklahoma

Bethune 1997 dates the oldest known GF deformation in Canada at ca. Sutherland, Diana Morton Thompson, 1988.

### Research Opportunities

Many of the aquifers in the southern midcontinent are underlain by one or more aquifers, resulting in vertically stacked aquifers containing groundwaters of varying salinity.

### Crustal Architecture Beneath the Southern Midcontinent (USA)

There is little evidence that this lineation is associated with the western edge of a Grenville fold-and-thrust belt, and good reason to expect that Grenville deformation in the central U. This publication provides digital flight line data for a high-resolution magnetic and radiometric survey over an area of southeast Illinois, western Kentucky, and southern Indiana. Therefore, the present study also defines provinces in the subsurface on the basis of geological criteria.

## Related Books

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