

ARKANSAS GEOLOGICAL SURVEY

State Contracts Over \$50,000 Awarded To Minority Owned Businesses Fiscal Year 2018

None

Employment Summary

	Male	Female	Total	%
White Employees	15	10	25	93 %
Black Employees	0	1	1	4 %
Other Racial Minorities	1	0	1	3 %
Total Minorities			2	7 %
Total Employees			27	100 %

Publications

A.C.A. 25-1-201 et seq.

Name	Statutory Authorization	Required for		# of Copies	Reason(s) for Continued Publication and Distribution	Unbound Black & White Copies Produced During the Last Two Years	Cost of Unbound Copies Produced During the Last Two Years
		Governor	General Assembly				
None	N/A	N	N	0	N/A	0	0.00

Department Appropriation Summary

Appropriation	Historical Data						Agency Request and Executive Recommendation							
	2017-2018		2018-2019		2018-2019		2019-2020				2020-2021			
	Actual	Pos	Budget	Pos	Authorized	Pos	Agency	Pos	Executive	Pos	Agency	Pos	Executive	Pos
166 State Operations	1,906,871	27	2,026,431	24	2,025,348	27	2,281,491	27	2,152,491	27	2,282,351	27	2,153,351	27
169 Map Resale	2,092	0	49,000	0	49,000	0	49,000	0	49,000	0	49,000	0	49,000	0
210 State Geologic Mapping Program	72,362	1	82,997	1	145,115	1	208,656	1	208,656	1	186,353	1	186,353	1
54U State Farm Grant	75	0	3,496	0	6,505	0	6,505	0	6,505	0	6,505	0	6,505	0
873 Geology Museum	0	0	1,125	0	1,125	0	1,125	0	1,125	0	1,125	0	1,125	0
F44 Reg for Prof Geo	46,894	1	61,832	1	62,734	1	64,924	1	64,924	1	64,924	1	64,924	1
N32 Geological Research - Landslide/Sinkhole	126,243	1	154,609	1	151,768	1	154,542	1	154,542	1	154,542	1	154,542	1
Total	2,154,537	30	2,379,490	27	2,441,595	30	2,766,243	30	2,637,243	30	2,744,800	30	2,615,800	30

Funding Sources			%		%		%		%		%		%
Fund Balance	4000005	173,381	7.5	171,000	7.0	61,938	2.4	61,938	2.5	25,969	1.0	25,969	1.1
General Revenue	4000010	1,906,871	82.0	2,007,348	82.2	2,157,038	83.3	2,028,038	82.5	2,157,900	85.3	2,028,900	84.5
Federal Revenue	4000020	72,362	3.1	82,997	3.4	208,656	8.1	208,656	8.5	186,353	7.4	186,353	7.8
Special Revenue	4000030	71	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Non-Revenue Receipts	4000040	8,985	0.4	10,000	0.4	10,000	0.4	10,000	0.4	10,000	0.4	10,000	0.4
Performance Fund	4000055	0	0.0	1,083	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Rainy Day Fund	4000267	0	0.0	18,000	0.7	0	0.0	0	0.0	0	0.0	0	0.0
Interest	4000300	22	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Other	4000370	41,315	1.8	41,000	1.7	41,000	1.6	41,000	1.7	41,000	1.6	41,000	1.7
Transfers from Agencies	4000690	122,530	5.3	110,000	4.5	110,000	4.2	110,000	4.5	110,000	4.3	110,000	4.6
Total Funds		2,325,537	100.0	2,441,428	100.0	2,588,632	100.0	2,459,632	100.0	2,531,222	100.0	2,402,222	100.0
Excess Appropriation/(Funding)		(171,000)		(61,938)		177,611		177,611		213,578		213,578	
Grand Total		2,154,537		2,379,490		2,766,243		2,637,243		2,744,800		2,615,800	

FY19 Budget amount in Appropriation 166 and N32 exceeds the authorized amount due to salary and matching rate adjustments

Analysis of Budget Request

Appropriation: 166 - State Operations

Funding Sources: HUA - Miscellaneous Agencies Fund

The Arkansas Geological Survey's (AGS) appropriation for State Operations is funded entirely by general revenue. In this program, data is accumulated, analyzed, and disseminated to provide knowledge of the geology and hydrogeology of the State to stimulate orderly development and encourage effective management and utilization of the State's minerals, fossil fuels, and water resources in an environmentally responsible manner.

The Agency is requesting \$2,281,491 in FY20 and \$2,282,351 in FY21.

The Agency Request includes the following changes:

- Operating Expenses - The Agency requests an increase of \$135,000, which includes an increase of \$129,000 for IT equipment for both years, and a reallocation of \$6,000 from Professional Fees for both years.
- Professional Fees - the Agency requests (\$6,000) transfer to from Professional Fees to Operating Expenses for both years.
- The Agency has requested to move one Extra Help position to the Geological Research appropriation.

The Executive Recommendation provides for the Agency Request, with the exception of the increase in Operating Expenses of \$129,000 for IT equipment for both years.

Appropriation Summary

Appropriation: 166 - State Operations
Funding Sources: HUA - Miscellaneous Agencies Fund

Historical Data

Agency Request and Executive Recommendation

Commitment Item	2017-2018	2018-2019	2018-2019	2019-2020		2020-2021	
	Actual	Budget	Authorized	Agency	Executive	Agency	Executive
Regular Salaries 5010000	1,176,402	1,262,260	1,251,723	1,351,484	1,351,484	1,352,184	1,352,184
#Positions	27	24	27	27	27	27	27
Extra Help 5010001	11,149	11,600	11,600	11,600	11,600	11,600	11,600
#Extra Help	5	15	17	16	16	16	16
Personal Services Matching 5010003	394,318	411,569	421,023	448,405	448,405	448,565	448,565
Operating Expenses 5020002	216,937	234,937	228,937	363,937	234,937	363,937	234,937
Conference & Travel Expenses 5050009	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Professional Fees 5060010	0	0	6,000	0	0	0	0
Data Processing 5090012	0	0	0	0	0	0	0
Capital Outlay 5120011	2,000	0	0	0	0	0	0
Water Quality Program 5900046	20,085	20,085	20,085	20,085	20,085	20,085	20,085
Stream Gauging 5900047	23,000	23,000	23,000	23,000	23,000	23,000	23,000
Ground Water Survey 5900048	32,980	32,980	32,980	32,980	32,980	32,980	32,980
Mineral Exploration 5900050	26,000	26,000	26,000	26,000	26,000	26,000	26,000
Total	1,906,871	2,026,431	2,025,348	2,281,491	2,152,491	2,282,351	2,153,351
Funding Sources							
General Revenue 4000010	1,906,871	2,007,348		2,157,038	2,028,038	2,157,900	2,028,900
Performance Fund 4000055	0	1,083		0	0	0	0
Rainy Day Fund 4000267	0	18,000		0	0	0	0
Total Funding	1,906,871	2,026,431		2,157,038	2,028,038	2,157,900	2,028,900
Excess Appropriation/(Funding)	0	0		124,453	124,453	124,451	124,451
Grand Total	1,906,871	2,026,431		2,281,491	2,152,491	2,282,351	2,153,351

FY19 Budget amount in Regular Salaries and Personal Services Matching exceeds the authorized amount due to salary and matching rate adjustments during the 2017-2019 Biennium.
 Budget exceeds Authorized Appropriation in Operating Expenses by authority of a Budget Classification Transfer.

Analysis of Budget Request

Appropriation: 169 - Map Resale

Funding Sources: MWA - Geology Map Resale Revolving Fund

The Arkansas Geological Survey utilizes this appropriation to operate a Map Resale Program. Funding for the Arkansas Geological Survey's Map Resale appropriation is obtained from the sale of geological and topographical maps to the general public. These proceeds are deposited into the Agency's revolving fund, as authorized in A.C.A. §19-4-1804.

The Agency is requesting \$49,000 in each year of the 2019-2021 Biennium.

The Agency's request to maintain appropriation above 10% of their actual FY18 expenditures includes the following justifications:

- Resale Revolving Fund for contingency purposes.

The Executive Recommendation provides for the Agency Request.

Appropriation Summary

Appropriation: 169 - Map Resale

Funding Sources: MWA - Geology Map Resale Revolving Fund

Historical Data

Agency Request and Executive Recommendation

Commitment Item		2017-2018	2018-2019	2018-2019	2019-2020		2020-2021	
		Actual	Budget	Authorized	Agency	Executive	Agency	Executive
Resale Revolving Fund	5900046	2,092	49,000	49,000	49,000	49,000	49,000	49,000
Total		2,092	49,000	49,000	49,000	49,000	49,000	49,000
Funding Sources								
Fund Balance	4000005	40,837	47,730		8,730	8,730	0	0
Non-Revenue Receipts	4000040	8,985	10,000		10,000	10,000	10,000	10,000
Total Funding		49,822	57,730		18,730	18,730	10,000	10,000
Excess Appropriation/(Funding)		(47,730)	(8,730)		30,270	30,270	39,000	39,000
Grand Total		2,092	49,000		49,000	49,000	49,000	49,000

Analysis of Budget Request

Appropriation: 210 - State Geologic Mapping Program

Funding Sources: FAL - Geology Federal

The Arkansas Geological Survey (AGS) utilizes this appropriation for the federal portion of the following program activities: National Coal Resources Data System (NCRDS) project to collect, interpret, correlate and encode point-source coal and other energy-related stratigraphic data; the State Geologic Mapping Program to coordinate collection of data and formulation of maps displaying the location and quantity of minerals in specific areas of the State; and the Geothermal ARRA grant awarded to allow the Geological Survey to populate the National Geothermal Data System. Federal funding is received from the US Department of Energy and the US Department of Interior. Within this program are three grants and one sub-grant: 1) STATEMAP, 2) National Geological and Geophysical Data Preservation Program, 3) Little Rock Metropolitan Area Earthquake Hazard Mapping Project, and 4) Regional Induced Seismicity Collaborative.

The Agency is requesting \$208,656 in FY20 and \$186,353 in FY21.

The Agency Request includes the following changes due to receiving new Federal Grants:

- Extra Help - The Agency requests an increase of \$26,779 for each fiscal year.
- Personal Services Match - The Agency requests an increase of \$2,065 for each fiscal year.
- Operating Expenses - The Agency requests an increase of \$29,475 in FY20 and \$7,172 in FY21.

The Agency's request to maintain appropriation above 10% of their actual FY18 expenditures includes the following justifications:

- Operating Expenses for contingency purposes.

The Executive Recommendation provides for the Agency Request.

Appropriation Summary

Appropriation: 210 - State Geologic Mapping Program

Funding Sources: FAL - Geology Federal

Historical Data

Agency Request and Executive Recommendation

Commitment Item		Historical Data			2019-2020		2020-2021	
		2017-2018 Actual	2018-2019 Budget	2018-2019 Authorized	Agency	Executive	Agency	Executive
Regular Salaries	5010000	40,224	41,550	37,332	41,469	41,469	41,469	41,469
#Positions		1	1	1	1	1	1	1
Extra Help	5010001	145	11,219	22,000	48,779	48,779	48,779	48,779
#Extra Help		1	4	4	4	4	4	4
Personal Services Matching	5010003	14,076	15,442	15,213	18,363	18,363	18,363	18,363
Operating Expenses	5020002	16,685	14,786	70,570	100,045	100,045	77,742	77,742
Conference & Travel Expenses	5050009	1,232	0	0	0	0	0	0
Professional Fees	5060010	0	0	0	0	0	0	0
Data Processing	5090012	0	0	0	0	0	0	0
Capital Outlay	5120011	0	0	0	0	0	0	0
Total		72,362	82,997	145,115	208,656	208,656	186,353	186,353
Funding Sources								
Federal Revenue	4000020	72,362	82,997		208,656	208,656	186,353	186,353
Total Funding		72,362	82,997		208,656	208,656	186,353	186,353
Excess Appropriation/(Funding)		0	0		0	0	0	0
Grand Total		72,362	82,997		208,656	208,656	186,353	186,353

FY19 Budget amount in Regular Salaries and Personal Services Matching exceeds the authorized amount due to salary and matching rate adjustments during the 2017-2019 Biennium.

Analysis of Budget Request

Appropriation: 54U - State Farm Grant

Funding Sources: NGC - Geology Private Grants

The State Farm Grant is a privately funded grant donated by State Farm in order to increase earthquake awareness throughout the State. The appropriation provides outreach to the citizens of the State in the form of town hall meetings. In these meetings a geologist will give a presentation on earthquake basics and preparedness techniques.

The Agency is requesting \$6,505 in each year of the 2019-2021 Biennium.

The Agency did not have any actual expenses in FY18, but is requesting to maintain the appropriation at the authorized level for contingency purposes. The Agency has applied for a new grant with State Farm.

The Executive Recommendation provides for the Agency Request.

Appropriation Summary

Appropriation: 54U - State Farm Grant

Funding Sources: NGC - Geology Private Grants

Historical Data

Agency Request and Executive Recommendation

Commitment Item		Historical Data			Agency Request and Executive Recommendation		Agency Request and Executive Recommendation	
		2017-2018 Actual	2018-2019 Budget	2018-2019 Authorized	2019-2020		2020-2021	
					Agency	Executive	Agency	Executive
Operating Expenses	5020002	75	3,496	6,505	6,505	6,505	6,505	6,505
Conference & Travel Expenses	5050009	0	0	0	0	0	0	0
Professional Fees	5060010	0	0	0	0	0	0	0
Data Processing	5090012	0	0	0	0	0	0	0
Capital Outlay	5120011	0	0	0	0	0	0	0
Total		75	3,496	6,505	6,505	6,505	6,505	6,505
Funding Sources								
Fund Balance	4000005	3,500	3,496		0	0	0	0
Special Revenue	4000030	71	0		0	0	0	0
Total Funding		3,571	3,496		0	0	0	0
Excess Appropriation/(Funding)		(3,496)	0		6,505	6,505	6,505	6,505
Grand Total		75	3,496		6,505	6,505	6,505	6,505

Expenditure of appropriation is contingent upon available funding.

Analysis of Budget Request

Appropriation: 873 - Geology Museum

Funding Sources: NGC - Geology Cash

The Geology Museum and Learning Center (GLC) is funded by donations collected by the Agency. The GLC is part of the educational arm of the Agency with the purpose of giving students and citizens exposure to rocks, minerals, fossils, and fossil fuels through its five (5) display areas.

The Agency is Requesting \$1,125 in each year of the 2019-2021 Biennium.

The Agency is requesting to maintain the appropriation at current level for contingency purposes.

The Executive Recommendation provides for the Agency Request. Expenditure of appropriation is contingent upon available funding.

Appropriation Summary

Appropriation: 873 - Geology Museum

Funding Sources: NGC - Geology Cash

Historical Data

Agency Request and Executive Recommendation

Commitment Item	Historical Data			Agency Request and Executive Recommendation			
	2017-2018 Actual	2018-2019 Budget	2018-2019 Authorized	2019-2020		2020-2021	
				Agency	Executive	Agency	Executive
Museum Expenses 5900046	0	1,125	1,125	1,125	1,125	1,125	1,125
Total	0	1,125	1,125	1,125	1,125	1,125	1,125
Funding Sources							
Fund Balance 4000005	1,117	1,139		14	14	0	0
Interest 4000300	22	0		0	0	0	0
Total Funding	1,139	1,139		14	14	0	0
Excess Appropriation/(Funding)	(1,139)	(14)		1,111	1,111	1,125	1,125
Grand Total	0	1,125		1,125	1,125	1,125	1,125

Expenditure of appropriation is contingent upon available funding.

Analysis of Budget Request

Appropriation: F44 - Reg for Prof Geo

Funding Sources: NGC - Prof Geo Board

The Board of Registration for Professional Geologists was created by Act 701 of 1987. The primary duty of the Board is to regulate the public practice of geology in the State of Arkansas by registration and certification of qualified geologists. The Board is cash funded from application, registration, and renewal fees charged pursuant to Arkansas Code Annotated §17-32-307.

The Agency is requesting \$64,942 in each year of the 2019-2021 Biennium.

The Agency's request to maintain appropriation above 10% of their actual FY18 expenditures includes the following justifications:

- Operating Expenses - expenses fluctuate from year to year.
- Conference & Travel Expenses - expenses fluctuate from year to year.

The Executive Recommendation provides for the Agency Request. Expenditure of appropriation is contingent upon available funding.

Appropriation Summary

Appropriation: F44 - Reg for Prof Geo

Funding Sources: NGC - Prof Geo Board

Historical Data

Agency Request and Executive Recommendation

Commitment Item		2017-2018	2018-2019	2018-2019	2019-2020		2020-2021	
		Actual	Budget	Authorized	Agency	Executive	Agency	Executive
Regular Salaries	5010000	20,208	29,916	30,713	32,405	32,405	32,405	32,405
#Positions		1	1	1	1	1	1	1
Extra Help	5010001	3,644	3,000	3,000	3,000	3,000	3,000	3,000
#Extra Help		1	2	2	2	2	2	2
Personal Services Matching	5010003	9,854	12,141	12,246	12,744	12,744	12,744	12,744
Operating Expenses	5020002	11,854	14,775	14,775	14,775	14,775	14,775	14,775
Conference & Travel Expenses	5050009	1,334	2,000	2,000	2,000	2,000	2,000	2,000
Professional Fees	5060010	0	0	0	0	0	0	0
Data Processing	5090012	0	0	0	0	0	0	0
Capital Outlay	5120011	0	0	0	0	0	0	0
Total		46,894	61,832	62,734	64,924	64,924	64,924	64,924
Funding Sources								
Fund Balance	4000005	76,304	70,725		49,893	49,893	25,969	25,969
Other	4000370	41,315	41,000		41,000	41,000	41,000	41,000
Total Funding		117,619	111,725		90,893	90,893	66,969	66,969
Excess Appropriation/(Funding)		(70,725)	(49,893)		(25,969)	(25,969)	(2,045)	(2,045)
Grand Total		46,894	61,832		64,924	64,924	64,924	64,924

Expenditure of appropriation is contingent upon available funding.

Analysis of Budget Request

Appropriation: N32 - Geological Research - Landslide/Sinkhole

Funding Sources: NCG - Landslides/Sinkholes Research

The Arkansas Geological Survey has received an increase in reports of mudslides and sinkholes in various areas of the State. The Agency's goal is to provide knowledge of these geohazards to the State of Arkansas, various stakeholders, and the general public in order to further its mission of environmentally responsible management of the State's geological resources.

The Agency is requesting \$154,542 in each year of the 2019-2021 Biennium.

The Agency Request includes the following changes:

- Extra Help - The Agency requests an increase of \$9,500 in Extra Help. The Agency is requesting to move one Extra Help Position from the State Operations Appropriation.
- Personal Services Match - an increase of \$73 due to reallocation of Extra Help.
- Geological Research - The Agency requests a reduction of (\$10,233) in Geological Research Expenditures.

The Executive Recommendation provides for the Agency Request.

Appropriation Summary

Appropriation: N32 - Geological Research - Landslide/Sinkhole

Funding Sources: NCG - Landslides/Sinkholes Research

Historical Data

Agency Request and Executive Recommendation

Commitment Item		2017-2018	2018-2019	2018-2019	2019-2020		2020-2021		
		Actual	Budget	Authorized	Agency	Executive	Agency	Executive	
Regular Salaries	5010000	44,985	46,960	44,946	46,870	46,870	46,870	46,870	
#Positions		1	1	1	1	1	1	1	
Extra Help	5010001	0	0	0	9,500	9,500	9,500	9,500	
#Extra Help		0	0	0	1	1	1	1	
Personal Services Matching	5010003	15,134	15,826	14,999	16,582	16,582	16,582	16,582	
Geological Research	5900046	66,124	91,823	91,823	81,590	81,590	81,590	81,590	
Total		126,243	154,609	151,768	154,542	154,542	154,542	154,542	
Funding Sources									
Fund Balance	4000005	51,623	47,910		3,301	3,301	0	0	
Transfers from Agencies	4000690	122,530	110,000		110,000	110,000	110,000	110,000	
Total Funding		174,153	157,910		113,301	113,301	110,000	110,000	
Excess Appropriation/(Funding)		(47,910)	(3,301)		41,241	41,241	44,542	44,542	
Grand Total		126,243	154,609		154,542	154,542	154,542	154,542	

FY19 Budget amount in Regular Salaries and Personal Services Matching exceeds the authorized amount due to salary and matching rate adjustments during the 2017-2019 Biennium. Expenditure of appropriation is contingent upon available funding.