

# DEPARTMENT OF ENERGY & ENVIRONMENT - ARKANSAS GEOLOGICAL SURVEY

## State Contracts Over \$50,000 Awarded To Minority Owned Businesses Fiscal Year 2020

None

### Employment Summary

	Male	Female	Total	%
White Employees	8	6	14	93 %
Black Employees	0	0	0	0 %
Other Racial Minorities	1	0	1	7 %
Total Minorities			1	7 %
Total Employees			15	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							
	2019-2020		2020-2021		2020-2021		2021-2022				2022-2023			
	Actual	Pos	Budget	Pos	Authorized	Pos	Agency	Pos	Executive	Pos	Agency	Pos	Executive	Pos
166 State Operations	1,931,190	24	1,351,590	16	2,153,351	27	1,559,466	16	1,559,466	16	1,559,712	16	1,559,712	16
169 Map Resale	1,457	0	40,100	0	49,000	0	49,000	0	49,000	0	49,000	0	49,000	0
210 State Geologic Mapping Program	161,700	1	187,552	1	186,353	1	188,993	1	188,993	1	188,993	1	188,993	1
54U State Farm Grant	1,906	0	1,538	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
N32 Geological Research - Landslide/Sinkhole	75,826	1	155,898	1	154,542	1	157,485	1	157,485	1	157,485	1	157,485	1
<b>Total</b>	<b>2,172,079</b>	<b>26</b>	<b>1,737,803</b>	<b>18</b>	<b>2,550,876</b>	<b>29</b>	<b>1,962,574</b>	<b>18</b>	<b>1,962,574</b>	<b>18</b>	<b>1,962,820</b>	<b>18</b>	<b>1,962,820</b>	<b>18</b>

Funding Sources		%		%		%		%		%		%	
Fund Balance	4000005	79,905	3.5	116,622	6.6	29,081	1.6	29,081	1.7	0	0.0	0	0.0
General Revenue	4000010	1,902,384	83.1	1,927,455	109.1	2,106,032	116.8	2,004,587	117.8	2,107,262	118.7	2,005,817	119.8
Federal Revenue	4000020	161,700	7.1	187,552	10.6	188,993	10.5	188,993	11.1	188,993	10.6	188,993	11.3
Non-Revenue Receipts	4000040	4,151	0.2	1,120	0.1	1,200	0.1	1,200	0.1	1,200	0.1	1,200	0.1
Performance Fund	4000055	28,806	1.3	36,158	2.0	0	0.0	0	0.0	0	0.0	0	0.0
Interest	4000300	75	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Transfers from Agencies	4000690	111,680	4.9	110,000	6.2	110,000	6.1	110,000	6.5	110,000	6.2	110,000	6.6
Shared Services Transfer	4000760	0	0.0	(612,023)	(34.6)	(631,999)	(35.0)	(631,999)	(37.1)	(632,242)	(35.6)	(632,242)	(37.8)
<b>Total Funds</b>		<b>2,288,701</b>	<b>100.0</b>	<b>1,766,884</b>	<b>100.0</b>	<b>1,803,307</b>	<b>100.0</b>	<b>1,701,862</b>	<b>100.0</b>	<b>1,775,213</b>	<b>100.0</b>	<b>1,673,768</b>	<b>100.0</b>
Excess Appropriation/(Funding)		(116,622)		(29,081)		159,267		260,712		187,607		289,052	
<b>Grand Total</b>		<b>2,172,079</b>		<b>1,737,803</b>		<b>1,962,574</b>		<b>1,962,574</b>		<b>1,962,820</b>		<b>1,962,820</b>	

State Geological Mapping Program (FC 210) and Geological Research (FC N32) - FY21 Budget amount in Regular Salaries and Personal Services Matching exceeds the authorized amount due to salary and matching rate adjustments during the 2019-2021 Biennium.

## **Analysis of Budget Request**

**Appropriation:** 166 - State Operations

**Funding Sources:** HUA - Miscellaneous Agencies Fund

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

Act 910 of 2019 transferred the Arkansas Geological Survey to the Department of Energy and Environment.

The Arkansas Geological Survey's (AGS) appropriation for State Operations is funded entirely by general revenue.

With the exception of Regular Salaries and Personal Services Matching, continuing level of appropriation is the FY2021 Authorized.

The Agency requesting appropriation in the amount of \$1,559,466 in FY2022 and \$1,559,712 in FY2023 and general revenue funding in the amount of \$2,106,032 in FY22 and \$2,107,262 in FY23.

The Agency request include the following changes:

- Transfer of eleven (11) positions to the Department of Energy and Environment Shared Services appropriation, including (\$468,863) in Regular Salaries and (\$167,096) in Personal Matching in FY2022 and (\$469,663) in Regular Salaries and (\$167,280) in Personal Services Matching in FY2023.
- Restoration of general revenue Category D funding in the amount of \$101,445 in both years.

The Executive Recommendation provides for the Agency Request, for appropriation only and General Revenue funding in the amount of \$2,004,587 in FY2022 and \$2,005,817 in FY2023.

## Appropriation Summary

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

### Historical Data

### Agency Request and Executive Recommendation

Commitment Item	2019-2020	2020-2021	2020-2021	2021-2022		2022-2023	
	Actual	Budget	Authorized	Agency	Executive	Agency	Executive
Regular Salaries 5010000	1,234,061	892,695	1,352,184	910,600	910,600	910,800	910,800
<b>#Positions</b>	<b>24</b>	<b>16</b>	<b>27</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>
Extra Help 5010001	4,413	11,600	11,600	11,600	11,600	11,600	11,600
<b>#Extra Help</b>	<b>1</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>
Personal Services Matching 5010003	405,572	287,201	448,565	296,264	296,264	296,310	296,310
Operating Expenses 5020002	206,224	115,753	234,937	234,937	234,937	234,937	234,937
Conference & Travel Expenses 5050009	0	3,276	4,000	4,000	4,000	4,000	4,000
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
Water Quality Program 5900046	15,064	10,085	20,085	20,085	20,085	20,085	20,085
Stream Gauging 5900047	17,250	10,000	23,000	23,000	23,000	23,000	23,000
Ground Water Survey 5900048	24,735	10,980	32,980	32,980	32,980	32,980	32,980
Mineral Exploration 5900050	23,871	10,000	26,000	26,000	26,000	26,000	26,000
<b>Total</b>	<b>1,931,190</b>	<b>1,351,590</b>	<b>2,153,351</b>	<b>1,559,466</b>	<b>1,559,466</b>	<b>1,559,712</b>	<b>1,559,712</b>
<b>Funding Sources</b>							
General Revenue 4000010	1,902,384	1,927,455		2,106,032	2,004,587	2,107,262	2,005,817
Performance Fund 4000055	28,806	36,158		0	0	0	0
Shared Services Transfer 4000760	0	(612,023)		(631,999)	(631,999)	(632,242)	(632,242)
<b>Total Funding</b>	<b>1,931,190</b>	<b>1,351,590</b>		<b>1,474,033</b>	<b>1,372,588</b>	<b>1,475,020</b>	<b>1,373,575</b>
Excess Appropriation/(Funding)	0	0		85,433	186,878	84,692	186,137
<b>Grand Total</b>	<b>1,931,190</b>	<b>1,351,590</b>		<b>1,559,466</b>	<b>1,559,466</b>	<b>1,559,712</b>	<b>1,559,712</b>

## **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.

Continuing level of appropriation is the FY2021 Authorized.

The Agency is requesting to continue appropriation in the amount of \$49,000 for FY2022 and FY2023.

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	2019-2020	2020-2021	2020-2021	2021-2022		2022-2023	
	Actual	Budget	Authorized	Agency	Executive	Agency	Executive
Resale Revolving Fund 5900046	1,457	40,100	49,000	49,000	49,000	49,000	49,000
Total	1,457	40,100	49,000	49,000	49,000	49,000	49,000
Funding Sources							
Fund Balance 4000005	36,286	38,980		0	0	0	0
Non-Revenue Receipts 4000040	4,151	1,120		1,200	1,200	1,200	1,200
Total Funding	40,437	40,100		1,200	1,200	1,200	1,200
Excess Appropriation/(Funding)	(38,980)	0		47,800	47,800	47,800	47,800
Grand Total	1,457	40,100		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 four grants:

1) Data Preservation Grant; 2) Earth MRI Grant; 3) NEHRP Grant and 4) State Map Grant Award

This appropriation is funded by 100% Federal funding.

With the exception of Regular Salaries and Personal Services Matching, continuing level of appropriation is the FY2021 Authorized.

The Agency is requesting to continue appropriation in the amount of \$188,993 in FY2022 and FY2023.

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			Agency Request and Executive Recommendation		Agency Request and Executive Recommendation	
		2019-2020 Actual	2020-2021 Budget	2020-2021 Authorized	2021-2022		2022-2023	
					Agency	Executive	Agency	Executive
Regular Salaries	5010000	42,403	42,444	41,469	43,378	43,378	43,378	43,378
<b>#Positions</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
Extra Help	5010001	50,236	48,779	48,779	48,779	48,779	48,779	48,779
<b>#Extra Help</b>		<b>5</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>
Personal Services Matching	5010003	22,616	18,587	18,363	19,094	19,094	19,094	19,094
Operating Expenses	5020002	42,845	77,742	77,742	77,742	77,742	77,742	77,742
Conference & Travel Expenses	5050009	3,600	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
<b>Total</b>		<b>161,700</b>	<b>187,552</b>	<b>186,353</b>	<b>188,993</b>	<b>188,993</b>	<b>188,993</b>	<b>188,993</b>
<b>Funding Sources</b>								
Federal Revenue	4000020	161,700	187,552		188,993	188,993	188,993	188,993
<b>Total Funding</b>		<b>161,700</b>	<b>187,552</b>		<b>188,993</b>	<b>188,993</b>	<b>188,993</b>	<b>188,993</b>
Excess Appropriation/(Funding)		0	0		0	0	0	0
<b>Grand Total</b>		<b>161,700</b>	<b>187,552</b>		<b>188,993</b>	<b>188,993</b>	<b>188,993</b>	<b>188,993</b>

FY21 Budget amount in Regular Salaries and Personal Services Matching exceeds the authorized amount due to salary and matching rate adjustments during the 2019-2021 Biennium.



## **Analysis of Budget Request**

**Appropriation:** 54U - State Farm Grant

**Funding Sources:** NGC - Geology Private Grants - Cash in Treasure

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.

This appropriation is funded by fund balance and interest. Expenditure of appropriation is contingent upon available funding.

Continuing level of appropriation is the FY2021 Authorized.

The Agency is requesting to continue appropriation in the amount of \$6,505 in FY22 and FY23.

The Executive Recommendation provides for the Agency Request.

## Appropriation Summary

**Appropriation:** 54U - State Farm Grant  
**Funding Sources:** NGC - Geology Private Grants - Cash in Treasure

### Historical Data

### Agency Request and Executive Recommendation

Commitment Item	Historical Data			Agency Request and Executive Recommendation		Agency Request and Executive Recommendation	
	2019-2020 Actual	2020-2021 Budget	2020-2021 Authorized	2021-2022 Agency	2021-2022 Executive	2022-2023 Agency	2022-2023 Executive
Operating Expenses 5020002	1,906	1,538	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
<b>Total</b>	<b>1,906</b>	<b>1,538</b>	<b>6,505</b>	<b>6,505</b>	<b>6,505</b>	<b>6,505</b>	<b>6,505</b>
<b>Funding Sources</b>							
Fund Balance 4000005	3,593	1,740		202	202	0	0
Interest 4000300	53	0		0	0	0	0
<b>Total Funding</b>	<b>3,646</b>	<b>1,740</b>		<b>202</b>	<b>202</b>	<b>0</b>	<b>0</b>
Excess Appropriation/(Funding)	(1,740)	(202)		6,303	6,303	6,505	6,505
<b>Grand Total</b>	<b>1,906</b>	<b>1,538</b>		<b>6,505</b>	<b>6,505</b>	<b>6,505</b>	<b>6,505</b>

Expenditure of appropriation is contingent upon available funding.

## **Analysis of Budget Request**

**Appropriation:** 873 - Geology Museum

**Funding Sources:** NGC - Geology Cash

The The Geology Museum and Learning Center 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.

This appropriation is funded by donations collected by the Agency and interest. Expenditure of appropriation is contingent upon available funding.

Continuing level of appropriation is the FY2021 Authorized.

The Agency is requesting to continue appropriation in the amount of \$1,125 in FY22 and FY23.

The Executive Recommendation provides for the Agency Request.

## 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			
	2019-2020 Actual	2020-2021 Budget	2020-2021 Authorized	2021-2022		2022-2023	
				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	1,171	1,193		68	68	0	0
Interest 4000300	22	0		0	0	0	0
Total Funding	1,193	1,193		68	68	0	0
Excess Appropriation/(Funding)	(1,193)	(68)		1,057	1,057	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:** N32 - Geological Research - Landslide/Sinkhole

**Funding Sources:** NCG - Landslides/Sinkholes Research - Cash in Treasure

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.

This appropriation is funded by transfer from the Oil and Gas Commission. Expenditure of appropriation is contingent upon available funding.

With the exception of Regular Salaries and Personal Services Matching, continuing level of appropriation is the FY2021 Authorized.

The Agency is requesting to continue appropriation in the amount of \$157,485 in FY2022 and FY2023.

The Executive Recommendation provides for the Agency Request.

## Appropriation Summary

**Appropriation:** N32 - Geological Research - Landslide/Sinkhole  
**Funding Sources:** NCG - Landslides/Sinkholes Research - Cash in Treasure

### Historical Data

### Agency Request and Executive Recommendation

Commitment Item		Historical Data			2021-2022		2022-2023	
		2019-2020 Actual	2020-2021 Budget	2020-2021 Authorized	Agency	Executive	Agency	Executive
Regular Salaries	5010000	45,122	47,973	46,870	49,011	49,011	49,011	49,011
<b>#Positions</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
Extra Help	5010001	3,730	9,500	9,500	9,500	9,500	9,500	9,500
<b>#Extra Help</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>
Personal Services Matching	5010003	15,581	16,835	16,582	17,384	17,384	17,384	17,384
Geological Research	5900046	11,393	81,590	81,590	81,590	81,590	81,590	81,590
<b>Total</b>		<b>75,826</b>	<b>155,898</b>	<b>154,542</b>	<b>157,485</b>	<b>157,485</b>	<b>157,485</b>	<b>157,485</b>
<b>Funding Sources</b>								
Fund Balance	4000005	38,855	74,709		28,811	28,811	0	0
Transfers from Agencies	4000690	111,680	110,000		110,000	110,000	110,000	110,000
<b>Total Funding</b>		<b>150,535</b>	<b>184,709</b>		<b>138,811</b>	<b>138,811</b>	<b>110,000</b>	<b>110,000</b>
Excess Appropriation/(Funding)		(74,709)	(28,811)		18,674	18,674	47,485	47,485
<b>Grand Total</b>		<b>75,826</b>	<b>155,898</b>		<b>157,485</b>	<b>157,485</b>	<b>157,485</b>	<b>157,485</b>

FY21 Budget amount in Regular Salaries and Personal Services Matching exceeds the authorized amount due to salary and matching rate adjustments during the 2019-2021 Biennium. Expenditure of appropriation is contingent upon available funding.