

**U.S. Geological Survey  
2010 President's Budget**  
(Dollars in Thousands)

Activity/Subactivity/Program Element	2010				Inc. (+) Dec. (-) from 2009	
	2009 Enacted	Fixed Cst & Rel Chg Subtotal	Program Changes	President's Budget Request		
<b>GEOG RES, INVESTIGATIONS, &amp; REMOTE SENSING</b>						
Land Remote Sensing	61,718	339	0	62,057	339	<u>a/</u>
Geographic Analysis and Monitoring	10,598	237	300	11,135	537	<u>b/</u>
National Geospatial Program		70,748	0	70,748	70,748	<u>c/</u>
<b>TOTAL</b>	<b>72,316</b>	<b>71,324</b>	<b>300</b>	<b>143,940</b>	<b>71,624</b>	
<b>GEOLOGIC HAZ., RESOURCES, &amp; PROC.</b>						
Geologic Hazard Assessments						
Earthquake Hazards	55,760	761	-500	56,021	261	<u>d/</u>
Volcano Hazards	23,901	270	0	24,171	270	<u>e/</u>
Landslide Hazards	3,350	55	0	3,405	55	<u>f/</u>
Global Seismographic Network	5,482	46	0	5,528	46	<u>g/</u>
Geomagnetism	2,092	46	0	2,138	46	<u>h/</u>
Subtotal	90,585	1,178	-500	91,263	678	
Geologic Landscape & Coastal Assessments						
National Cooperative Geologic Mapping	27,724	439	0	28,163	439	<u>i/</u>
Coastal and Marine Geology	44,657	656	875	46,188	1,531	<u>j/</u>
Subtotal	72,381	1,095	875	74,351	1,970	
Geologic Resource Assessments						
Mineral Resources	52,427	1,253	-550	53,130	703	<u>k/</u>
Energy Resources	26,749	488	1,000	28,237	1,488	<u>l/</u>
Subtotal	79,176	1,741	450	81,367	2,191	
<b>TOTAL</b>	<b>242,142</b>	<b>4,014</b>	<b>825</b>	<b>246,981</b>	<b>4,839</b>	
<b>WATER RESOURCES INVESTIGATIONS</b>						
Hydrologic Monitoring, Assessments & Research						
Ground-Water Resources Program	9,008	126	-900	8,234	-774	<u>m/</u>
National Water-Quality Assessment	65,056	1,451	0	66,507	1,451	<u>n/</u>
Toxic Substances Hydrology	10,767	317	0	11,084	317	<u>o/</u>
Hydrologic Research & Development	13,421	266	-1,465	12,222	-1,199	<u>p/</u>
National Streamflow Information Program	22,406	326	5,000	27,732	5,326	<u>q/</u>
Hydrologic Networks and Analysis	30,128	556	-643	30,041	-87	<u>r/</u>
Subtotal	150,786	3,042	1,992	155,820	5,034	
Cooperative Water Program	64,078	1,483	0	65,561	1,483	<u>s/</u>
Water Resources Research Act Program	6,500	0	0	6,500	0	
<b>TOTAL</b>	<b>221,364</b>	<b>4,525</b>	<b>1,992</b>	<b>227,881</b>	<b>6,517</b>	
<b>BIOLOGICAL RESEARCH</b>						
Biological Research and Monitoring	146,416	2,681	8,668	157,765	11,349	<u>t/</u>
Biological Information Management & Delivery	21,965	231	0	22,196	231	<u>u/</u>
Cooperative Research Units	16,949	364	2,000	19,313	2,364	<u>v/</u>
<b>TOTAL</b>	<b>185,330</b>	<b>3,276</b>	<b>10,668</b>	<b>199,274</b>	<b>13,944</b>	

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<b>ENTERPRISE INFORMATION</b>					
Enterprise Information Security and Technology	25,176	1,087	0	26,263	1,087 <u>w/</u>
Enterprise Information Resources	17,478	228	2,000	19,706	2,228 <u>x/</u>
National Geospatial Program	69,816	-69,816	0	0	-69,816 <u>y/</u>
<b>TOTAL</b>	<b>112,470</b>	<b>-68,501</b>	<b>2,000</b>	<b>45,969</b>	<b>-66,501</b>
<b>GLOBAL CHANGE</b>					
	40,628	549	17,000	58,177	17,549 <u>z/</u>
<b>SCIENCE SUPPORT</b>					
	67,430	1,795	0	69,225	1,795 <u>aa/</u>
<b>FACILITIES</b>					
Rental Payments and Operations & Maintenance	94,802	4,274	0	99,076	4,274 <u>ab/</u>
Deferred Maintenance & Capital Improvement	7,321	0	0	7,321	0
<b>TOTAL</b>	<b>102,123</b>	<b>4,274</b>	<b>0</b>	<b>106,397</b>	<b>4,274</b>
<b>TOTAL, SIR (w/o ARRA)</b>	<b>1,043,803</b>	<b>21,256</b>	<b>32,785</b>	<b>1,097,844</b>	<b>54,041</b>
<b>American Recovery and Reinvestment Act of 2009</b>	<b>140,000</b>	<b>-140,000</b>		<b>0</b>	<b>-140,000 <u>ac/</u></b>
<b>TOTAL, SIR (w ARRA)</b>	<b>1,183,803</b>	<b>-118,744</b>	<b>32,785</b>	<b>1,097,844</b>	<b>-85,959</b>

a/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.339 million).

b/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.237 million) and an increase for A New Energy Frontier - Biofuels (\$0.3 million).

c/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.932 million) and a technical adjustment moving the National Geospatial Program to Geographic Research, Investigations, & Remote Sensing from Enterprise Information (\$69.816 million).

d/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.761 million) and a decrease for the Arkansas Seismological Observatory (-\$0.5 million).

e/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.270 million).

f/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.055 million).

g/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.046 million).

h/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.046 million).

i/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.439 million).

j/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.656 million); increases for Extended Continental Shelf (\$1.0 million) and A New Energy Frontier - Wind and Solar (\$0.375 million); and a decrease for California Sea Floor Mapping (-\$0.5 million).

k/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$1.253 million); an increase for A New Energy Frontier - Biofuels (\$0.1 million); and a decrease for Mineral Resource Assessment Nye County, NV (-\$0.65 million).

l/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.488 million) and an increase for A New Energy Frontier - Geothermal (\$1.0 million).

m/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.126 million) and a decrease for San Diego CA Aquifer Mapping (-\$0.9 million).

n/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$1.451 million).

o/ The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.317 million).

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<u>p/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.266 million) and decreases for Hood Canal Dissolved Oxygen Study (-\$0.27 million), San Pedro Partnership Monitoring and Reporting (-\$0.295 million), Long Term Estuary Group (-\$0.4 million), and US-Mexico Transboundary Aquifer Assessment Act (-\$0.5 million).				
<u>q/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.326 million) and an increase for Enhance the National Streamgauge Network (\$5.0 million).				
<u>r/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.556 million); an increase for A New Energy Frontier - Biofuels (\$0.2 million); and decreases for Lake Champlain Basin Toxic Materials (-\$0.343 million) and Monitoring Water Resources in Hawaii (-\$0.5 million).				
<u>s/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$1.483 million).				
<u>t/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$2.681 million); increases for Sustainable Energy Development (\$0.727 million), A New Energy Frontier - Biofuels (\$0.4 million) and Wind and Solar (\$0.625 million), Climate Change/Science Support for FWS (\$5.0 million), and Changing Arctic Ecosystems (\$4.2 million); and decreases for Molecular Biology at LCS (-\$0.8 million), San Francisco Salt Ponds Research Efforts (-\$0.5 million), and NatureServe (-\$0.984 million).				
<u>u/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.231 million).				
<u>v/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.364 million) and an increase for CRU Vacancies (\$2.0 million).				
<u>w/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$1.087 million).				
<u>x/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.228 million) and an increase for A 21st Century Youth Conservation Corps (\$2.0 million).				
<u>y/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a technical funding adjustment moving the National Geospatial Program from Enterprise Information to Geographic Research, Investigations, & Remote Sensing (-\$69.816 million).				
<u>z/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$0.549 million) and increases for National Climate Change and Wildlife Science Center (\$5.0 million), Carbon Sequestration (\$7.0 million), and Climate Change Science (\$5.0 million).				
<u>aa/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$1.795 million).				
<u>ab/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: a fixed cost funding adjustment (\$4.274 million).				
<u>ac/</u> The difference between the President's Budget Request and the 2009 Enacted funding is: technical adjustment because the American Recovery and Reinvestment Act of 2009 provided one-time funding (-\$140.0 million).				