



## 2009 Budget Justification

(Dollars in Thousands)

<u>Activity/Subactivity/Program Element</u>	<u>FY 2007</u> <u>Actual</u>	<u>a/</u>	<u>FY 2008</u> <u>Enacted</u>	<u>Fixed Cst &amp;</u> <u>Rel Chg</u> <u>Subtotal</u>	<u>Program</u> <u>Changes</u>	<u>FY 2009</u> <u>Budget</u> <u>Request</u>	<u>Inc. (+)</u> <u>Dec. (-)</u> <u>from 2008</u>
<b>GEOG RES., INVESTIGATIONS &amp; REMOTE SENSING</b>							
Land Remote Sensing	63,264		61,457	245	860	62,562	1,105
Geographic Analysis and Monitoring	16,926		16,266	-2,715	-2,995	10,556	-5,710
TOTAL	80,190		77,723	-2,470	-2,135	73,118	-4,605
<b>GEOLOGIC HAZ., RESOURCES, &amp; PROC.</b>							
Geologic Hazard Assessments							
Earthquake Hazards	51,152		53,653	576	-5,173	49,056	-4,597
Volcano Hazards	21,544		22,190	203	-568	21,825	-365
Landslide Hazards	3,259		3,308	42	-22	3,328	20
Global Seismographic Network	3,927		4,441	33	-502	3,972	-469
Geomagnetism	2,008		2,059	33	-16	2,076	17
Subtotal	81,890		85,651	887	-6,281	80,257	-5,394
Geologic Landscape & Coastal Assessments							
Earth Surface Dynamics	13,414		13,342	-10,336	-3,006	0	-13,342
National Cooperative Geologic Mapping	25,239		26,626	332	441	27,399	773
Coastal and Marine Geology	39,674		40,646	495	6,298	47,439	6,793
Subtotal	78,327		80,614	-9,509	3,733	74,838	-5,776
Geologic Resource Assessments							
Mineral Resources	51,636		50,830	947	-25,499	26,278	-24,552
Energy Resources	25,150		26,381	368	-107	26,642	261
Subtotal	76,786		77,211	1,315	-25,606	52,920	-24,291
TOTAL	237,003		243,476	-7,307	-28,154	208,015	-35,461
<b>WATER RESOURCES INVESTIGATIONS</b>							
Hydrologic Monitoring, Assessments & Research							
Ground-Water Resources Program	8,098		7,853	100	2,618	10,571	2,718
National Water-Quality Assessment	62,818		63,912	1,144	-10,943	54,113	-9,799
Toxic Substances Hydrology	13,293		13,516	251	-3,063	10,704	-2,812
Hydrologic Research & Development	14,754		15,423	-1,991	-1,537	11,895	-3,528
National Streamflow Information Program	16,612		20,126	257	3,429	23,812	3,686
Hydrologic Networks and Analysis	29,572		30,537	-422	-468	29,647	-890
Subtotal	145,147		151,367	-661	-9,964	140,742	-10,625
Cooperative Water Program							
Water Resources Research Act Program	64,345		62,849	1,170	-1,734	62,285	-564
Water Resources Research Act Program	5,404		6,304	0	-6,304	0	-6,304
TOTAL	214,896		220,520	509	-18,002	203,027	-17,493

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<b>BIOLOGICAL RESEARCH</b>							
Biological Research and Monitoring	143,342		141,275	-2,991	7,056	145,340	4,065
Biological Information Management & Delivery	22,856		22,422	174	-3,017	19,579	-2,843
Cooperative Research Units	14,764		16,174	275	-1,039	15,410	-764
TOTAL	180,962		179,871	-2,542	3,000	180,329	458
<b>ENTERPRISE INFORMATION</b>							
Enterprise Information Security and Technology	26,061		24,514	662	-145	25,031	517
Enterprise Information Resources	17,030		16,775	703	-50	17,428	653
National Geospatial Program	68,691		69,082	734	-154	69,662	580
TOTAL	111,782		110,371	2,099	-349	112,121	1,750
<b>GLOBAL CHANGE</b>							
			7,383	21,664	-2,464	26,583	19,200
<b>SCIENCE SUPPORT</b>							
	67,782		67,167	263	-230	67,200	33
<b>FACILITIES</b>							
Rental Payments and Operations & Maintenance				94,812	-10	94,802	94,802
Rental Payments	72,428		72,479	-72,479	0	0	-72,479
Operations & Maintenance	19,634		19,592	-19,592	0	0	-19,592
Deferred Maintenance & Capital Improvement	3,373		7,898	0	-4,577	3,321	-4,577
TOTAL	95,435		99,969	2,741	-4,587	98,123	-1,846
<b>SIR, TOTAL</b>							
	<b>988,050</b>		<b>1,006,480</b>	<b>14,957</b>	<b>-52,921</b>	<b>968,516</b>	<b>-37,964</b>
Spectrum Relocation Costs Transfer	6,159						
<b>Revised SIR, TOTAL</b>							
	<b>994,209</b>		<b>1,006,480</b>	<b>14,957</b>	<b>-52,921</b>	<b>968,516</b>	<b>-37,964</b>

a/ The FY 2007 Enacted column includes the effects of the following changes: (1) \$977.675M from the Full-Year Continuing Resolution (P.L. 110-05); (2) \$5.605M half of the FY 2007 pay raise funding per Full-Year Continuing Resolution (P.L. 110-05); (3) ad