

Agreement Type	Description of Agreement	USGS Signature And Date	Partner Signature and Date	Remarks
	<u>ACADEMIA</u>			
MOU	USGS, Office of Energy and Marine Geology and Univ. of So. FL for the continuation and expansion of a St. Petersburg Field Office, Office of Energy and Marine Geology	Gary Hill, Chief, Ofc. of Energy & Marine and Dallas Peck, Director 8/24/1988	Albert C. Hartley Ex. VP, USFL 8/24/1988	No Termination Date
Partnerships in Education	USGS/Fed. Childrens Center (FCC) to provide the school with available and feasible USGS resources, enriching the school curriculum with USGS missions and initiatives, and fostering an early appreciation of the wonders of Earth science	Gordon Eaton Director 8/3/1995	Katherine Miller Pres., Bd. of Dir. 8/8/1995	No Termination Date
Partnerships in Education	USGS/Cedar Lane Center in Fairfax County Public School to provide the Center with available and feasible USGS scientific and technical resources; enriching the school curriculum with USGS missions and initiatives; and sharing educational, cultural, and other activities	Gordon Eaton Director 9/3/1995	Donald J. Hennessey, Principal 4/7/1995	No Termination Date
Partnerships in Education	Langston Hughes Middle School/USGS to share educational, cultural, and other activities; to provide the school with available and feasible USGS resources; to enrich the school curriculum with USGS missions and initiatives; and to further superior education for each student at Langston Hughes Middle School	Robert Hirsch Actg. Director 9/17/1993	R. Edgar Thacker Principal 9/17/1993	No Termination Date
MOU	USGS/Central State University Wilberforce, OH for scientific, educational, and technical cooperation in the Earth sciences	Dallas Peck Director 4/30/1993	Arthur E. Thomas, President 5/27/1993	No Termination Date
MOU	Haskell Indian Junior College/USGS for recruitment of Native Americans into Resource Careers	Dallas Peck Director 9/30/1992	Bob Martin President 9/30/1992	Expired 7/1/1997
MOU	Washington State University/USGS to provide a mechanism for scientific, educational and technical cooperation in the Earth sciences	Dallas Peck Director 3/11/1991	Ronald Hopkins Actg. Provost 3/13/1991	No Termination Date

Partnerships in Education	Lincoln Univ./USGS to plan and conduct projects, programs, and services jointly designed to increase the number of qualified candidates from LU successfully competing for computer science and computer information system positions in the USGS	Dallas Peck Director 10/29/1992	Wendel G. Rayburn, Pres. 10/29/1992	Expired 10/29/1996
MOU	International Center for Water Resources Management Central State University/USGS to develop cooperative activities in the areas of hydrology and water resources	Dallas Peck Director 6/3/1988	Arthur E. Thomas, President 6/8/1988	No Termination Date
MOU	USGS/Board of Regents, UNV System on behalf of the UNV-Reno to establish a Reno Field Office, Office of Mineral Resources, USGS in association with the Mackay School of Mines and the Nevada Bureau of Mines and Geology	Dallas Peck Director 3/18/1988	Joseph Crowley Pres., UNV, Reno 3/18/1988	No Termination Date
Renewal MOU	USGS/NSF to maximize the utilization of the academic fleet by enabling the USGS to transfer funds to the Foundation for support of activities of the several marine science institutions on an expedited basis	Dallas Peck Director 1/9/1989	NSF Dir. 1/13/1989	Expired 9/30/1991
MOU	USGS/University of Puerto Rico for cooperation in scientific research, faculty exchange, and student internships	Charles G. Groat Director 5/9/2000	Norman Maldonado, Pres. 5/9/2000	Expired 5/9/2005
MOU	National Environmental Education and Training Foundation/USGS for cooperation in environmental education and training	Charles G. Groat Director 1/30/2003	Kevin J. Coyle President 1/30/2003	Conduct review every 5 years
MOA	Department of the Army - Armed Forces Institute of Pathology for collaboration in education and research	Barbara J. Ryan for Director 6/16/1997	Michael J. Dickerson, M.D. 5/7/1997	No Termination Date
MOU	Univ. of the District of Columbia/USGS to commit UDC, USGS and Rock Creek Park, NPS to collaborate on education in Water Resources in D.C.	Dallas Peck Director 5/3/1993	Robert G. Stanton NPS Tilden J. LeMelle, Pres. UDC 5/3/1993	Expired 5/3/1998

MOU (#2005394)	National Hispanic Environmental Council/USGS to provide a cooperative and collaborative framework for the parties to establish and develop a partnership to promote environmental education initiatives in natural resources management and conservation to various Hispanic communities and other diverse groups.	Charles G. Groat Director 10/29/2003	Roger Rivera President, NHEC 10/29/2003	No Termination Date
MOU (#2005296)	National Association of State Universities & Land-Grant Colleges (NASULGC)/USGS to further the development of basic scientific and applied research and to maintain and promote channels of cooperation and communication that permit the exchange of scientific and technical information.	Charles G. Groat Director 1-29-2003	C. Peter Magrath President 1/29/2003	Expires 1/29/2008
MOU	USGS/National Association of State Universities and Land-Grant Colleges (NASULGC) (Board of Natural Resources) to facilitate research and service, enhance opportunities to develop new initiatives in areas of common interest, and assist (where mutually agreed) in the implementation of their Strategic Plan.	Charles G. Groat Director 7/23/2001	Alfred D. Sullivan Chair 7/20/2001	Renew every 2 years
MOU	USGS/Univ. of AZ to formalize the Association of the University of AZ & USGS at the Desert Laboratory in Tumamoc Hill Preserve, AZ	Dallas L. Peck Director 11/17/1987	Charles Peyton for Laurel L. Wilkening 12/11/1987	No Termination Date
MOU	Boise State University/USGS concerning cooperation in the Earth sciences	Dallas L. Peck Director 1/7/1991	Name ? President 12/13/1990	No Termination Date
MOU	Washington Dept. of Natural Resources, Div. of Geology & Earth Resources/USGS for scientific, educational, and technical cooperation in the geological sciences	Dallas L. Peck Director 11/2/1992	J. A Stearns Supervisor 12/8/1992	No Termination Date
MOU	USGS/BOM/AZ Board of Regents, University of AZ to establish an AZ field office (*Cross Referenced in Table (Multi-Agency) - Filed in Multi-Agency)	Dallas L. Peck Director 4/15/1988	All signatures on file	No Termination Date

	<u>USDA – U.S. DEPT. OF AGRICULTURE</u>			
MOU	USGS/Soil Conservation Service, USDA relative to Exchange of Data and Program Coordination	Vince McKelvey Director 1/21/1978	R.M. Davis, Administrator, Soil Conservation Service 1/21/1976	No Termination Date
MOU	USDA, Agricultural Research Service, Forest Service, Soil Conservation Service/USGS regarding establishment of a cooperative, interagency Terrestrial Ecosystem Regional Research Analysis (TERRA) Laboratory	Doyle Frederick Assoc. Director 8/28/1992	Administrator, ARS 7/27/92 Chief, FS, 8/7/1992 Chief, SCS, 7/28/1992	Expired in 1994
MOU	USDA Forest Service/USGS, for the production, exchange and dissemination of cartographic products and services	Dallas Peck Director 3/18/1992	Donald D. Foxworthy 5/4/1992	No Termination Date
IA	USGS/USDA Forest Service for the production and maintenance of a single-edition primary series quadrangle map	Dallas Peck Director 7/16/1993	F. Dale Robertson, Chief, FS 7/16/1993	No Termination Date
MOU	DOI (USGS)/USDA relating to the impact of agricultural practices on ground-water quality	James W. Ziglar AS/WS 3/18/1988	Orville G. Bentley, USDA 5/5/1988	No Termination Date
MOU	USGS/Natural Resources Conservation Service (USDA) for partnerships to support biological and hydrological research and technology development and transfer	Thomas J. Casadevall, Actg. Director 6/18/1998	Perlie S. Reed Chief, NRCS 8/24/1998	Expired 6/18/2003
MOU (#20030477)	USDA-Foreign Agricultural Services (FAS) and DOI-USGS to facilitate cooperative efforts for mutual provision of services and support, and technical assistance by both departments in the conduct of science and technology research, development, transfer, utilization, and commercialization programs and activities.	Charles G. Groat Director, USGS 2/13/2004	J.B. Penn, Under Secretary for Foreign Agricultural Services 3/11/2004	Conduct formal review every 5 years.

	<u>USAF – U.S. AIR FORCE</u>			
MOU	USAF/USGS to establish policies and administrative procedures that will facilitate cooperation and coordination between the USAF and USGS in research, technology transfer, evaluation and education relating to the management, cleanup and reduction of hazardous wastes at Air Force installations	Dallas Peck Director 3/18/1993	Gary D. Vest 3/18/1993	Expired 3/18/1998
MOU (#20005374)	Air Force Space Command (AFSPC)/USGS to 1) establish planning and operational cooperation, 2) expedite and formalize information sharing procedures and processes, and 3) establish procedures for working with local communities and state agencies to develop regional Geographic Information System (GIS) data which will meet both the needs of AFSPC, USGS, civil and tribal authorities.	Charles G. Groat Director 1/18/2005	Daniel P. Leaf Lieutenant General, USAF Vice Commander 12/9/2004	Expires 1/18/2010

	<u>NARA - NATIONAL ARCHIVES & RECORDS ADMINISTRATION</u>			
MOU (#2008377)	USGS and NARA MOU, to establish and implement records schedules for records at USGS EROS. EROS has gotten NARA approval of the MOU	Mark Myers Director 06/13/2008	Allen Weinstein Archivist of US 6/13/2008	No Termination Date

	<u>NASA - NATIONAL AERONAUTICS AND SPACE ADMINISTRATION</u>			
MOU	NASA/USGS to facilitate the conduct of scientific research and long-range technology development - supercedes the MOU between NASA and USGS to establish the organizational structures and mechanisms for cooperation between NASA HQ and USGS for the purpose of facilitating scientific research and long range technology development planning, dated May 28, 1996)	Charles G. Groat Director 12/8/1999	Ghassem Asrar Assoc. Administrator 1/4/2000	Formal review at least every 5 years
Management	NASA/USGS Management Plan for the Landsat Program,	Charles G. Groat	Ghassem Asrar	No Termination

Plan	December 1, 1999	Director 12/17/1999	Assoc. Administrator for Earth Science 3/21/2000	Date
Data Policy	Landsat-7 Data Policy, February 9, 2000	Charles G. Groat Director 2/24/2000	Ghassem Asrar Assoc. Administrator For Earth Science 3/21/2000	No Termination Date
MOU	USGS/NASA for the development, procurement, implementation and operation of the Landsat 7 Data Processing, Archiving and Distribution System	Dallas Peck Director 2/11/1993	Shelby G. Tilford Actg. Assoc. Administrator 2/18/1993	In effect for the life of the Landsat Program
MOU	USGS/NASA for experimental land remotely sensed data processing, distribution, archiving, and related science support	Dallas Peck Director 3/16/1988	L. A. Fisk, Assoc. Administrator 3/16/1988	No Termination Date

	<u>AASG - ASSOC. OF AMERICAN STATE GEOLOGISTS</u>			
MOU	AASG/USGS to provide a mechanism to foster interaction, cooperation, and coordination between the AASG and USGS	Charles G. Groat Director 11/14/2000	Jonathan G. Price President 11/14/2000	To be reviewed at the end of 5 years - (11/14/2005) - to determine if it should be renewed, modified, or terminated.

	<u>U.S. ARMY</u>			
	<u>U.S. ARMY SPACE AND MISSILE DEFENSE COMMAND</u>			
MOU	USGS/USAMDC to provide for the transfer of the USGS Ship WORTHY from USGS to USAMDC	Thomas J. Casadevall (Actg.)	John Costello 1/8/1999	Per Mike Carr - nothing more will

		Director) 10/5/1998		take place.
	<u>U.S. ARMY CORPS OF ENGINEERS</u>			
MOA (#20040113)	USGS/USACOE to work together to provide information for science-based management of this Nation's water, geological, and biological resources through the collection, analysis, interpretation, modeling, information management and reporting of biological, hydrological, geologic, geographic and other natural resource information of mutual interest.	Charles G. Groat Director, USGS 03/22/2004	George S. Dunlop Principal Deputy Assistant Secretary of the Army 03/18/2004	No Termination Date

	<u>DHS – DEPARTMENT OF HOMELAND SECURITY</u>			
	FEMA - Federal Emergency Management Agency			
MOU	FEMA/USGS to establish a formal working relationship between the USGS, FEMA, and FEMA's Project Impact - Building a Disaster Resistant Community. This MOU replaces the MOU establishing the framework for the pursuit of activities of mutual interest dated Nov. 10, 1982	Charles G. Groat Director 2/13/2000	Michael Armstrong for James L. Witt 12/13/2000	Expired 12/13/2005
MOU	FEMA/USGS to provide a framework within which activities of mutual concern can be pursued.	Dallas L. Peck Director 11/3/1982	Dave McLouglin Act. Assoc. Dir. State and Local Programs & Support 11/10/1982	No Termination Date

	<u>DOD - DEPARTMENT OF DEFENSE</u>			
MOU	DOD/DOI to establish policies and procedures whereby the DOI is provided access to and use of the Precise Positioning Service (PPS) of the Navstar Global Positioning System (GPS)	Elizabeth Ann Rieke, AS/WS 9/14/1994	Emmett Paige, Jr., Asst. Secty. of Defense 8/26/1994	Expired 12/31/2000
MOU (#2006421)	DOD (Environmental Security)/USGS to ensure optimum efficiency and maximum benefit to the Federal Government	Gordon P. Eaton Director, USGS	Sherri W. Goodman, Deputy	Expires 6/20/2007

	by integrating the resources and expertise of the USGS with those of the DOD in addressing environmental responsibilities and related issues.	06/10/1997	Undersecretary of Defense (Environmental Security) 04/26/1997	
MOU	USGS/DOD (NIMA) for coordination and cooperation pertaining to Geospatial Data & Remote Sensing	Thomas J. Casadevall Act. Director 8/27/1998	James C. King Maj. Gen., USA Dir., NIMA 7/23/1995	No Termination Date

	<u>EPA - ENVIRONMENTAL PROTECTION AGENCY</u>			
Joint Memorandum	EPA/USGS to restructure the EPA/USGS Coordination Committee	Doyle Frederick Actg. Director 11/26/1985	Allan Hirsch Director 12/5/1985	No Termination Date
MOU	EPA/USGS to create a standing EPA/USGS Interagency Coordinating Committee	Doyle Frederick Actg. Director 8/5/1981	John Hernandez 8/5/1981	No Termination Date
MOU	USGS/EPA for water quality monitoring and assessment activities	Dallas Peck Director No date on copy	LaJuana S. Wilcher, Asst. Administrator No date on copy	Signed bet. 12/1991-01/1992 - No Termination Date
IA	USGS/EPA (Ofc. of Waste Programs Enforcement) Oct. 1, 1983 for the gathering of information and assessment of the hydrology and geology at hazardous waste sites. This agreement is related to the MOU between EPA and DOI "Relationships in Activities Related to Degradation of the Subsurface Environment, dated July 24, 1973, and is independent of the IA between USGS and the Ofc. of Drinking Water, EPA, Jan. 1980. This document renews and updates the IA between USGS and EPA's OWPE dated May 1, 1981.	Dallas Peck Director 4/19/1985	Jack McGraw Actg. Asst. Administrator 3/6/1985	No Termination Date
IA	USGS/EPA - coordination of environmental information for the Nation's effort toward energy self-sufficiency	H. William Menard, Director 2/8/1979	Stephen J. Gage 1/15/1979	Expired 1985

MOU	USGS/EPA pertaining to the National Water Data Exchange	V.E. McKelvey Director 3/24/1977	Asst. Admin. for Water & Hazardous Materials 7/27/1977	No Termination Date
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	<u>DOE – DEPT. OF ENERGY</u>			
MOU	DOE, Ofc. of Environmental Restoration and Waste Management, Ofc. of Technology Development/DOI (USGS) to establish policies and administrative practices that will facilitate cooperation and coordination in research, development, and demonstration related to the management and cleanup of hazardous and mixed wastes at DOE weapons installations. The RD&D involves the characterization of sites and the development and evaluation of remedial methodologies and technologies	Dallas Peck Director 6/6/1991	Clyde Frank Assoc. Director 6/6/1991	Expired 6/6/1996
MOU (#20040335)	USGS/DOE for Collaborative Studies in Support of Geothermal Resource Assessments	Bennett W. Raley Asst. Secretary - Water & Science 6/10/2004	David K. Garman Asst. Secretary for Energy Efficiency & Renewable Energy, DOE 6/24/2004	Expired 6/24/2007

	<u>HHS – DEPT. OF HEALTH & HUMAN SERVICES</u>			
MOU	DHSS/NIEHS/USGS to join forces to investigate the causes of some environmentally related public health problems	Charles G. Groat Director 12/24/1998	Ken Olden Director 1/15/1999	No Termination Date
MOU	Natl. Center for Health Statistics, CDC, DHHS/USGS, to integrate data and information from both agencies in a way that will help reveal relationships between human health and environmental factors	Dallas Peck Director 1/7/1992	Manning Feinleib 2/11/1992	No Termination Date
MOU	CDC/USGS to establish a collaboration between the USGS and the CDC for addressing public health problems	Thomas J. Casadevall, Actg. Director	Claire Broome Actg. Director 8/27/1998	No Termination Date

		7/28/1998		
	<u>FWS - U.S. FISH AND WILDLIFE SERVICE</u>			
MOU	USGS/FWS for program coordination	Dallas Peck Director 3/20/1992	John F. Turner Director 3/16/1992	No Termination Date
MOU	Revised MOU - original was signed in 1992 - USGS/FWS for program coordination to add biological and ecological investigations and inventories to the list of programs for coordination	Gordon P. Eaton Director 5/28/1997	John G. Rogers Actg. Director, FWS 5/28/1997	No Termination Date
MOA	FWS/USGS for the administration, operations and maintenance of facilities co-located at the Patuxent Research Refuge and Patuxent Wildlife Center	Charles G. Groat Director 7/28/2000	Director 7/28/2000	No Termination Date
MOA	USGS/FWS for cooperation in the National Water-Quality Assessment (NAWQA) Program	Dallas Peck Director 11/1/1990	John F. Turner Director 10/23/1990	No Termination Date
MOU Correspondence	Re: Migratory Birds			
	<u>BIA - BUREAU OF INDIAN AFFAIRS</u>			
MOU	Renewal of MOU between USGS and BIA to specify the terms and conditions under which USGS will collect and analyze hydrologic data and prepare the necessary reports for the use of BIA to support claims to Federal water rights, including federally reserved Indian water rights that are the subject of litigation and/or negotiation. This MOU does not apply to coop agreements among Geological Survey and Tribal Governments	Dallas Peck Director 9/22/1992	Asst. Secty., BIA 9/1/1992	Expired 4/30/1997
IA	USGS/BIA to provide personnel, as available, to assist in wildland fire operations during the FY 2003-FY 2008 fire seasons.	Robert E. Doyle Deputy Director 9/9/2003	Mary King Contract Officer 9/4/2003	Expires at the end of FY 2008

	<u>BLM - BUREAU OF LAND MANGEMENT</u>			
MOU	BLM/USGS to establish an Interagency Committee for Program Coordination: land and resource planning and classification; mapping, surveying, and remote sensing; water resource investigations; mineral assessments and mineral surveys; information systems.	Dallas Peck Director 8/31/1982	Robert F. Buford Director 9/9/1982	No Termination Date
MOU	BLM/USGS for program coordination: leasing and lease management; environmental and baseline studies; land and resource classification; mapping and geodetic/cadastral surveys; water resource investigations.	V.E. McKelvey Director 8/21/1974	Curtis J. Berklund, Director 3/6/1974	No Termination Date
MOU	BLM/USGS to establish the Joint BLM/USGS Subcommittee on Program and Budget Coordination	Doyle Frederick Assoc. Director 12/6/1982	James Parker Assoc. Director 12/14/1982	No Termination Date
Working Agreement	BLM/USGS with respect to oil, gas, and geothermal resources operations conducted on leased Federal lands under the jurisdiction of DOI. - supersedes agreement signed 11/29/74	W.A. Radlinski Director 8/29/1975	George Tennant Director 8/19/1975	No Termination Date
MOU (#20030279)	BLM/USGS to provide a general framework for coordination and cooperation between BLM and USGS on obtaining and sharing scientific data and knowledge to facilitate BLM's land use planning.	Charles G. Groat Director 5/27/2003	Kathleen Clark Director 5/29/2003	Expires 5/27/2008
MOU (#20010576)	USGS/BLM - Wildland Fire Support	Charles G. Groat Director 7/2/2001	Nina Rose Hatfield, Actg. Director 7/12/2001	Expired 7/12/2006

	<u>NATIONAL GEOGRAPHIC SOCIETY</u>			
MOU	USGS/NGS to establish a collaborative relationship between a wide variety of research, education, outreach, and communication activities conducted by the NGS and research and operational programs in water resources conducted by the USGS	Dallas Peck Director 6/18/1992	Gilbert M. Grosvenor, Chairman, and President 6/18/1992	No Termination Date

	<u>DMA - DEFENSE MAPPING AGENCY</u>			
MOU	USGS/DMA for the Public Sale of DMA Standard Digital and Topographic Products	Dallas Peck Director 12/13/1991	No Signature From DMA	No Termination Date
	<u>BUREAU OF MINES</u>			
MOU	USGS/BOM on Mineral-Resource Activities	Dallas Peck Director 6/30/1987	Robert C. Horton Director 6/19/1987	Replaces previous version of December 1977 (not on file)
MOA	USGS/BOM concerning coordination of mineral-related environmental assessment, technology development, and remedial investigations	Gordon P. Eaton Director 9/9/1994	Hermann Enzer Director 9/9/1994	No Termination Date
	<u>MMS - MINERALS MANAGEMENT SERVICE</u>			
MOU	USGS/MMS to establish a formal clustering arrangement between the USGS and the MMS in the Herndon-Reston commuting area to share resources and facilities in support of their training and employee development functions and activities.	Barbara J. Ryan for the Director 10/17/1994	Cynthia Quarte Director 11/4/1994	Expired 9/30/1999
MOU & Annex No. 1	USGS/MMS to implement their respective responsibilities under Secretarial Order No. 3071, as amended - OCS/EEZ	Dallas L. Peck Director 9/1/1988	William D. Bettenberg, Director 9/1/1988	No Termination Date
MOU	USGS/MMS to provide for joint coordination of activities on the Outer Continental Shelf (OCS) and the Exclusive Economic Zone (EEZ)	Dallas L. Peck Director 4/30/1987	William D. Bettenberg, Director 6/2/1987	No Termination Date

	<u>MULTI-AGENCY</u>			
MOU	BIA/BOM/USGS to establish a policy for coordinating mineral-resource studies and other related geological issues conducted in behalf of the self-determination goals of the American Indians	Dallas Peck Director 12/27/1991	T. S. Ary Director 8/30/1991	Expired 9/30/1996
MOU	USGS/BLM/Nat'l. Museum of Natural History (Smithsonian Institution)/NPS/USDA/FS/FWS/Nature Conservancy, under the USGS Species at Risk Program, to facilitate cooperation and participation among the parties to provide for conservation of springsnails and their habitats through the Great Basin.	Thomas J. Casadevall, Actg. Director 3/26/1998	No other signatures on file	Expired 3/26/2003
MOU	USGS/Natural Resources Conservation Service, Farm Service Agency/U.S. Forest Service/BLM/FEMA/Nat'l. States Geographic Information Council. Supersedes and rescinds the MOU between USGS and the Soil Conservation Service for the cost-share orthophoto quad program dated 6/11/86 and the MOU between the USGS, the Soil Conservation Service, the Agricultural Stabilization and Conservation Service, and the Forest Service for the cost-share digital orthophoto program, dated 4/24/94 (supercedes and rescinds the MOU between USGS and the Soil Conservation Service for the cost-share orthophoto quad program dated 6-11-86, and the MOU between USGS, the Snail Conservation Service, the Agricultural Stabilization and Conservation Service, and the Forest Service for the cost-share digital orthophoto program dated 4-24-94).	Charles G. Groat Director 5/13/2000	No other signatures on file	No Termination Date
MOU	NIWQP: USGS/FWS/BuRec/BIA to facilitate the DOI National Irrigation Water Quality Program in FY 1997 - this continues the activities undertaken pursuant to similar MOU executed in June 1986, April 1987, August 1988, July 1989, June 1990, August 1991, August 1992, August 1993, September 1994, and July 1995.	Gordon P. Eaton Director 8/15/1996	Last signature 8/28/1996 Signed by all Parties	In Effect for FY 1997

MOU	USGS/BLM/NPS/USFS/USDA for management of fossils on public lands	Dallas Peck Director 12/26/1991	D.C. Jamison BLM 2/11/1992 J.M. Ridenour, NPS 3/23/1992 Donald D. Foxworthy, USFS 5/4/1992	Expired 5/4/1997
MOU	BLM/USGS/BOM, concerning coordination of Mineral Resource Surveys and Reports on Lands Administered by the BLM	Dallas Peck Director 1/28/1991	D.C. Jamison Director, BLM 12/31/1990 T.S. Ary, Dir., BOM 1/23/1991	Expired 1/28/1996
IA	BOM/USGS/BuRec, for investigation and remediation of environmental contamination	Doyle Frederick Actg. Director No date	C. Dale Dewall Commissioner, BuRec T.S. Ary, Dir., BLM No dates	No Termination Date
Servicewide MOU	USDAFS/BLM/USGS to establish a coordinated and comprehensive program for the inventory, evaluation, interpretation, presentation and utilization of geoscience information in support of an ecologically based approach to the planning, management and stewardship of Federal lands and resources (supersedes the IA bet. FS, USGS and USBM dated 1/19/87 and the MOU bet. BLM, USGS, and USBM dated 1/28/91)	Barbara J. Ryan for the Director 7/1/1997	Mike Dombeck Chief, FS 8/4/97 Patrick Shea Director, BLM 9/1/1997	Expired 9/1/2002

IA	USGS/BLM/USDA/FS to initiate cooperative activities to eliminate duplication of effort and assure consistency of	Dallas Peck Director	Robert F. Burford Dir., BLM	No Termination Date
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	digital data	11/8/1988	11/7/1988 F. Dale Robertson, Chief, FS 11/4/1988	
MOA	FWS/BLM/USGS/BIA/Ofc. of Environmental Affairs to coordinate the DOI's natural resource damage assessment activities for the Bunker Hill Superfund Site	Doyle Frederick 6/3/1992	C. Jamison, BLM 6/2/1992 Ofc. of Env. Affairs 5/29/1992 BIA 5/29/1992 No FWS sig. on file	No Termination Date
IA	BLM/FWS/USDA/FS/Soil Conservation Service/USGS to provide for liaison and cooperation in survey, inventory, appraisal, assessment, and planning activities with particular emphasis on renewable resources	H.W. Menard Director 3/30/1979	BLM 3/26/1979 FS, 4/13/1979 FWS, 3/23/1979 Soil Cons. Serv. 4/2/1979	No Termination Date
MOU	BLM/USGS/FWS/USDA/FS to set forth the general terms and conditions, for the cooperative testing of some concepts, requirements, and capabilities involved in implementation of the BLM Strategic Plan for Information System Management	W. A. Radlinski Assoc. Director 8/25/1977	BLM 8/25/1977 FS 9/29/1977 FWS 9/7/1977	Review in 5 years
MOU	USGS/EPA/NOAA/NBS/ARS/NRCS to develop an Interagency Taxonomic Information System	Gordon P. Eaton Director 2/12/1996	Last signature 2/27/1996	No Termination Date

MOU	EPA/NBS/USGS/NOAA to form a multi-agency partnership, hereafter referred to as the Multi-Resolution Land Characteristics Consortium (MRLC)	Gordon P. Eaton Director 3/10/1995	Last signature 3/10/1995	No Termination Date
Agreement	Agreement of participation among Federal Agency Partners of the Gulf of Mexico Program	Bonnie A. McGregor, Assoc. Director 1995	Signatures from EPA,HHS,DOE, NOAA,NASA, DOI,FWS,NPS, NBS,MMS,Dept. of the Army, Navy and Air Force, 1995	No Termination Date
MOU	BLM/BOM/USGS concerning the assignment of selected BOM and USGS personnel to BLM Field Offices	Gordon P. Eaton Director 1/23/1995	Last signature 1/23/1995	Expired 9/30/1996
MOA	Economic Research Service/National Agricultural Statistics Service/Soil Conservation Service/USGS with regard to area studies that are being conducted as part of the USDA Water-Quality Initiative	Dallas L. Peck Director 2/9/1993	Last signature 4/20/1993	No Termination Date
IA (#20030442)	DOI/BLM/FWS/USGS/NPS/DA/USDAFS for Collaboration and Coordination in Cave and Karst Resources Management	Charles G. Groat Director, USGS, 7/8/2003	Kathleen Clarke Director, BLM, 5/2/2003 Steven A. Williams, Director, FWS, 6/13/2003 Fran P. Mainella Director, NPS, 9/8/2003 Dale N. Bosworth, Chief, USDAFS 9/29/2003	Expires 9/29/2008

MOU (#20040434)	USGS/FWS/The Wildlife Society to develop and exchange science-based biological information for natural resource managers and to ensure preparedness, professionalism, and continuing education of wildlife biologists	Charles G. Groat Director 6/30/2004	Steve Williams Director, FWS 6/30/2004 Harry Hodgdon Exec. Director, The Wildlife Society 6/30/2004	Expires 6/30/2009
MOU (#20040302)	Council of Lake Committees (CLC)/USGS/FWS for the coordination and joint implementation of Great Lakes Deep-Water Fish Assessment and Ecology Activities	Charles G. Groat Director 4/27/2004	David McLeish Chair, CLC 5/4/2004 Steve Williams Director, FWS 4/20/2004	Expires 4/27/2009
MOU (#20020380)	NIMA/USGS/FGDC pertaining to Geospatial Information & Homeland Security	Charles G. Groat Director 5/6/2002	James R. Clapper, Jr. Director, NIMA 7/13/2002 J. Steven Griles Chair, FGDC 7/29/2002	No Termination Date
IA	USGS/BLM/USFS/FWS/SCS related to classifications and inventories of natural resources.	Name ? Director 10/24/1978	All signatures on copy	No Termination Date
MOU	USGS/BOM/BLM for mineral surveys of wilderness study areas	Dallas L. Peck Director 7/29/1985	Robert C. Horton Director, BOM 7/8/1985 Name ? Director, BLM 10/9/1985	No Termination Date
MOU	USGS/BOM/AZ Board of Regents, University of AZ to establish an AZ field office (*Cross Referenced in Table (Academia) - Filed in Multi-Agency)	Dallas L. Peck Director 4/15/1988	All signatures on file	No Termination Date

MOU	USDA/DOE/DOI - Policy principals for Woody Biomass Utilization for Restoration and Fuel Treatments on Forests, Woodlands, and Rangelands	Gale A. Norton Secretary of the Interior 6/18/2003	Spencer Abraham Secretary of Energy 6/17/2003 Ann M. Veneman Secretary of Agriculture 6/16/2003	Expires 6/18/2013
MOU	USGS/USDAFS/BOM to establish a policy for coordinating mineral resource surveys and reports on National Forest System Lands	Dallas L. Peck Director 1/19/1987	Chief, FS 1/2/1987 Robert Horton Director, BLM 1/6/1987	No Termination Date
MOU (#20050093)	USDAFS/BLM/FWS/NPS/USGS to provide a framework for cooperation for the Forest Service and DOI agencies to cooperate on issues related to the management and stewardship of the National Wilderness Preservation System, including but not limited to the operation of the Arthur Carhart National Wilderness Training Center, hereinafter referred to as the Carhart Center, and the Aldo Leopold Wilderness Research Institute, hereinafter referred to as the Leopold Institute.	Charles G. Groat Director 11/29/2004	Kathleen Clarke Director, BLM 12/30/2004 Fran Mainella Director, NPS 10/26/2004 Steven A. Williams Director, FWS 9/14/2004 Dale Bosworth Chief, USDA FS	Expires 1/13/2010
MOU (#2005482)	BLM/DOD/FHA/USGS/NPS/OSM/USDA(ARS/FS/NRCS/USFWS to establish and describe a Federal Native Plan Conservation Committee. The Committee will identify and recommend, as appropriate, priority conservation needs for native plants and their habitats and coordinate implementation of programs for addressing those needs.	P. Patrick Leahy Act. Director 3/27/2006	Signed by other bureaus prior to Pat signing.	Expires 9/30/2008
MOU (#2006422)	DOE/DOD/USDA/DOI regarding Energy Right-of-Way Corridors on Federal Lands	P. Lynn Scarlett Dep. Sec., DOI	Clay Sell, Dep. Sec., DOE	Review every 5 years

		2/8/2006	Mark Rey, Under Sec., USDA Kenneth Krieg, Under Sec. DOD	
MOU (#2005298)	USDAFS/Corps of Engineers/Education (Ofc. Of intergovernmental and Interagency Affairs)/DOI (BIA/BLM/BuREC/FWS/NPS/USGS)/DOT (Federal Highway Administration) and the National Lewis and Clark Bicentennial Council to collaborate in commemorating the Bicentennial of the Lewis and Clark Expedition	Bruce Babbitt Sec. of the Interior 10/1/1998	Signature on file for all Parties	Expires 12/31/2007
MOU	DOIOS/NPS/FWS/USGS for integration of research, planning and interagency coordination supporting everglades restoration activities.	Charles G. Groat Director, USGS 3/6/2002	Steve Williams, Director, FWS 3/18/2002 Fran P. Mainella, Director, NPS 3/18/2002 Terrence Salt, Exec. Dir., South Florida Ecosystem Restoration Task Force 3/18/2002 Ann R. Klee Spec. Asst. and Counselor to the Secretary 3/22/2002	No Termination Date

	<u>NACO - NATIONAL ASSOCIATION OF COUNTIES</u>			
MOU	USGS/NACo to establish a liaison position between the NACo and USGS for the purpose of providing coordination, information sharing, and overall awareness to enhance the respective missions of NACo and USGS	Thomas J. Casadevall, Actg. Director 8/10/1998	Larry Naake Exec. Director 8/26/1998	No Termination Date
MOU	USGS/NACo for coordination and cooperation pertaining to the National Map	Barbara J. Ryan Assoc. Director for Geography 1/16/2004	Larry Naake Executive Director 1/14/2004	Expires 1/16/2009

	<u>NIMA - NATIONAL IMAGERY AND MAPPING AGENCY</u>			
MOU	USGS/DOD/NIMA for coordination and cooperation pertaining to geospatial data and remote sensing	Thomas J. Casadevall, Actg. Director 8/27/1998	James C. King Major General, USA/Director, NIMA 7/23/1998	No Termination Date
MOU	NIMA/USGS/FGDC - to create and maintain geospatial information needed to support homeland security.	Charles G. Groat Director 5/6/2002	James R. Calapper, Jr. Lt. Gen. (USAF- Ret), Director, NIMA 7/13/2002	No Termination Date

	<u>NOAA – NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION - U.S. DEPARTMENT OF COMMERCE</u>			
MOU	USGS/NOAA for the exchange of scientific and technical knowledge and augmentation of scientific and technical capabilities of USGS and NOAA with respect to Earth sciences and environmental studies	Dallas L. Peck Director 1/26/1993	Under Secty. for Oceans and Atmosphere 1/19/1993	Expired 1/26/1998
MOU	USGS/NOAA to conduct jointly sponsored research related to climate and hydrology - specifically the interaction of climate and hydrology using general-circulation models.	Dallas L. Peck Director 6/22/1988	William E. Evans Under Secty for Oceans & Atmosphere 8/11/1988	No Termination Date
Policy Agreement	USGS/NOAA for the collection of hydrologic data when satellite telemetry is used	Dallas L. Peck Director 6/16/1986	Anthony J. Calio Administrator 7/18/1986	No Termination Date
MOU	USGS/NOAA to establish a cooperative Federal land remote sensing research program	Dallas L. Peck Director 5/21/1986	Anthony J. Calio Administrator 5/6/1986	Expires 5/21/2006
MOU	USGS/NOAA - Cooperative program for bathymetric surveying of the U.S. Exclusive Economic Zone (EEZ) Addendum B: FY 86 Schedule and Funding signed by both parties 9/85	Dallas L. Peck Director 4/24/1984	John V. Byrne Administrator 4/18/1984	No Termination Date
Charter Agreement	USGS/NOAA to establish the NOAA/USGS interagency committee for program coordination - this revised charter replaces the original committee charter signed on February 10, 1972, by Robert M. White, former Administrator of NOAA, and V.E. McKelvey, former Director of the U.S. Geological Survey	Dallas L. Peck Director 6/1/1982	John Byrne Administrator 5/20/1982	No Termination Date

MOU	NOAA/USGS for the provision of Landsat Data Products and Services by the EROS Data Center, Sioux Falls, SD	Doyle G. Frederick, Assoc. Director 3/15/1982	John H. McElroy Asst. Administrator 2/11/1982	Effective 10/1/1982 - in effect so long as NOAA retains mgmt responsibility for the Landsat D system or until terminated by either party
Agreement	NOAA/USGS to transfer ownership and management of the Adak (Alaska) from NOAA to USGS	W.A. Radlinski Assoc. Director 11/21/1978	George S. Benton Assoc. Administrator 11/21/1978	No Termination Date
MOU	NOAA/USGS to define the role of the EROS program (administered by USGS and NOAA) in reproducing and disseminating photographic image data from Landsat in a manner that is consistent with the best interests of the user community.	W.A. Radlinski Assoc. Director 5/8/1978	George Benton Assoc. Administrator 5/8/1978	Superseded by Landsat D MOU
Agreement	NOAA/USGS agree to specified policies and procedures regarding the exchange of information about aerial imagery and the dissemination of such data to users	W.A. Radlinski Assoc. Director 8/15/1975	John W. Townsend, 9/2/1975	No Termination Date
Agreement	NOAA/USGS agree to specified policies and procedures regarding the exchange, maintenance, and dissemination of geodetic control data and the maintenance of geodetic indexes.	W.A. Radlinski Assoc. Director 6/13/1974	John W. Townsend, Jr. 6/13/1974	No Termination Date

MOA	USGS/NOAA - USGS is to become the responsible agency for operating a major part of a network of seismological and geomagnetic observatories previously operated by NOAA. The purpose of this MOA is to outline various points of data exchange and services that NOAA and the USGS will provide each other to ensure the continuation of the TWS, and the seismological and geomagnetic programs without disruption.	W.A. Radlinski Assoc. Director 9/16/1973	John W. Townsend, Jr. Assoc. Administrator 9/16/1973	No Termination Date
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MOU	USGS/NOAA to set forth the general terms and conditions under which the parties will coordinate and cooperate in activities involving physical and biological sciences and environmental studies.	Charles G. Groat Director 7/15/1999	James D. Baker Under Secretary for Oceans and Atmosphere 7/26/1999	Expired 7/26/2004
MOU (#2006131)	USGS/NOAA to coordinate and cooperate in activities involving physical and biological sciences and environmental studies	Charles G. Groat Director 2/4/2005	John J. Kelly, Jr. Deputy Under Secretary of Commerce for Oceans and Atmosphere	Expires 2/4/2010

	<u>NPS - NATIONAL PARK SERVICE</u>			
MOU	USGS/NPS to provide the terms and conditions under which NPS will cooperate with USGS in the National Water-Quality Assessment program	Robert M. Hirsch Actg. Director 1/25/1994	John Reynolds Deputy Director 1/25/1994	Expired 1/25/1999
MOU	USGS/NPS to provide for the coordination of collaborative research, inventories, monitoring, and data exchange in the geological sciences, including paleontology and cave resources, between the NPS and USGS to facilitate management and interpretation of geological resources in the national park system.	Gordon P. Eaton Director 12/28/1994	Acting Director 11/1/1994	Expired 12/28/1999

	<u>BuRec - BUREAU OF RECLAMATION</u>			
MOU - Renewal	USGS/BuRec - cooperative stream gaging	Doyle G. Frederick, Actg. Director 1/12/1993	Dennis Underwood, Commissioner 12/29/1992	Expired 9/30/1997

MOU	USGS/BuRec - to establish a USBR-USGS Interagency Coordinating Committee to provide for the coordination of mutual programs between the two agencies.	Dallas L. Peck Director 4/9/1992	Dennis B. Underwood, Commissioner 5/30/1992	Supersedes 4/15/1983 MOU No Termination Date
IA	USGS/BuRec for the Cooperative Stream Gaging Program	Dallas L. Peck Director 11/18/1987	C. Dale Duvall Commissioner 9/29/1987	Expired 9/30/1992
MOU	USGS/BuRec regarding agency responsibilities on the Lower Colorado River in support of the Supreme Court Decree of 1964	Chief, AZ District WRD 2/6/1985	Reg. Director, Lower CO Region 2/22/1985	No Termination Date
MOU	BuRec/USGS for Cooperation in remote sensing, digital cartography, and geographic information systems	Doyle G. Frederick, Actg. Director 6/6/1986	C. Dale Duvall Commissioner 5/19/1986	Expired 6/6/1991
MOU	BuRec/USGS - High Plains States groundwater Demonstration Program	Doyle G. Frederick, Act. Dir. 2/5/1986	Actg. Commissioner 1/6/1986	No Termination Date
MOU	USGS/BuRec relating to procedures for cooperation on exchange of available geologic information	W.A. Radlinski Actg. Director No date	Commissioner No date	No Termination Date

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MOA	BuRec/USGS on Coordination of Aerial Photography and Topographic Mapping Modification of Procedures for review of specifications for proposed aerial photography and topographic mapping 6/19/63	W.E. Wrather Director 1/3/1947	Michael W. Straus, Commissioner 1/3/1947	No Termination Date
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	<u>STATES</u>			
MOU	State of Washington Department of Natural Resources, Division of Geology and Earth Resources/USGS for scientific, educational, and technical cooperation in the geological sciences.	Dallas L. Peck Director 11/2/1992	J.A. Stearns Supervisor 12/8/1992	No Termination Date

	<u>OSM - OFFICE OF SURFACE MINING</u>			
MOU	OSM/USGS regarding USGS assistance to OSM in the review and environmental analysis of mine plans	Doyle G. Frederick, Actg. Director 9/3/1982	Actg. Director OSM 10/12/1982	Expired 10/12/1984
MOU	OSM Reclamation and Enforcement/USGS Interagency Committee for Program Coordination - replaces original MOU signed on 8/25/83 by Doyle G. Frederick, Act. Dir., and on 9/8/83 by J.D. Harris, former Director of OSM	Dallas L. Peck Director 8/10/1987	J. Christensen Director 8/10/1987	No Termination Date

	<u>DOT - U.S. DEPARTMENT OF TRANSPORTATION</u>			
MOU (#20040112)	USDOT/USGS for cooperation on climate change and transportation research.	Charles G. Groat Director, USGS 12/22/2003	Emil H. Frankel Assistant Secretary for Transportation Policy 1/9/2004	Expires 1/9/2009

	<u>WOODS HOLE RESEARCH CENTER</u>			
MOA	EROS Data Center/Woods Hole Research Center for cooperative research in the use of remote sensing technology or assessment of global change	Dallas L. Peck Director 4/1/1992	George M. Woodwell, Pres. and Dir. 4/15/1992	Expired 4/15/1995

	<u>LOS ALAMOS NATIONAL LABORATORY</u>			
MOU	USGS/LANL regarding collaborative research and development in the application of computer science to Earth-science research; the use of and access to LANL supercomputer facilities by and support service to USGS scientists for Earth science investigations; and the use of and access to USGS data by LANL scientists for Earth-science investigations.	Dallas L. Peck Director 5/17/1988	John T. Whetten Assoc. Director For Energy and Research Applications 5/17/1988	No Termination Date

	<u>NSF - NATIONAL SCIENCE FOUNDATION</u>			
MOU	USGS/NSF for cooperation in development and support of research activities, facilities, education and outreach for the Earth sciences.	P. Patrick Leahy Associate Director for Geology 4/8/2002	Margaret S. Leinen Associate Director for Geosciences NSF 3/22/2002	No Termination Date
MOU	USGS/NSF Regarding Cooperation in Development and Support of Research Activities, Facilities, Education and Outreach	Mark D. Myers Director 3/9/2007		

	<u>UNITED SIOUX TRIBES OF SOUTH DAKOTA DEVELOPMENT CORPORATION</u>			
MOU (#20050042)	USGS and United Sioux Tribes of South Dakota Development Corporation, Inc. (USTDC), to establish a working relationship for developing Geographic Information Systems (GIS), Information Technology (IT), natural science research and training, and for sharing science data and facilities.	Charles G. Groat, Director, USGS 10/27/2004	Clifton W. Skye, Project Management Director	No Termination Date
	<u>ROSEBUD SIOUX TRIBE AND SINTE GLESKA UNIVERSITY</u>			
MOU (#2006419)	Rosebud Sioux Tribe and Sinte Gleska University/USGS for cooperation in activities involving program and economic development, research, education, technical assistance, and to partner in professional activities of mutual interest.	P. Patrick Leahy Act. Director, USGS 5/12/2006	Chairman, Rosebud Sioux Tribe, South Dakota President, Sinte Gleska University, South Dakota	Expires 5/12/2011
	<u>IBWC - UNITED STATES SECTION, INTERNATIONAL BOUNDARY AND WATER COMMISSION - UNITED STATES AND MEXICO</u>			
MOU (#20040484)	USGS and USIBWC to establish a framework for cooperation and coordination between the USGS and USIBWC. This MOU is designed to facilitate USGS and USIBWC scientists, engineers and managers working together, when appropriate, in addressing environmental issues that affect the U.S./Mexico boundary.	Charles G. Groat Director, USGS 9/2/2004	Arturo Q. Duran Commissioner, USIBWC 9/9/2004	Expires 9/9/2009

	<u>CBC - CLEAN BEACHES COUNCIL</u>			
MOU (#20040435)	USGS and the Clean Beaches Council to facilitate cooperation between the Parties in the effective delivery of science products that are of relevance to the mutual interests of the Parties and that educate and inform resource managers, policy makers, and the general public	Charles G. Groat, Director 5/25/2005	Walter McLeod, President 6/3/2005	Expires 6/3/2010
	<u>DEPARTMENT OF HOMELAND SECURITY</u>			
MOU #20030456	DOI (acting through the USGS) and the Department of Homeland Security pertaining to Geospatial Information and Remote Sensing for Homeland Security	Gale A. Norton Secretary, DOI 3/31/2006	Michael Chertoff Secretary, DHS 3/31/2006	Effective on the date of the last signature. To be reviewed periodically as necessary.
	<u>SMITHSONIAN TROPICAL RESEARCH INSTITUTE</u>			
MOU (#2006371)	USGS/Smithsonian Tropical Research Institute concerning scientific and technical cooperation in the Earth Sciences	P. Patrick Leahy Act. Director, USGS 6/7/2006	Dr. Ira Rubinoff Director, STRI 4/27/2006 Julio Escobar Secretario Nacional de Ciencia, Tecnologia e Innovation	Expires 6/7/2011
	<u>SOUTHWEST CONSORTIUM FOR ENVIRONMENTAL RESEARCH AND POLICY (SCERP)</u>			
MOU (#2006352)	Southwest Consortium for Environmental Research and Policy (SCERP)/USGS for coordination and cooperation pertaining to the Binational Research on the U.S.-Mexico Border	P. Patrick Leahy Act. Director, USGS 5/3/2006	Dr. Paul Ganster SCERP Chair 5/10/2006	Expires 5/10/2011

	<u>NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY (NGA)</u>			
MOU (#2006308)	NGA/USGS to establish the framework for coordination and cooperation between the USGS and NGA to create and maintain geospatial information and perform scientific analysis.	P. Patrick Leahy Act. Director, USGS 5/19/2006	Lt. Gen. James R. Clapper, Jr., Director, NGA 5/15/2006	No expiration date.
	<u>Reston Association</u>			
MOU (#2006420)	USGS/Reston Association to establish cooperation regarding the important issue of invasive species.	Charles G. Groat Director 3/4/2003	Susan Jones, President, Reston Assoc. Jerry Volloy, Exec. Vice Pres. Reston Assoc.	No expiration date.