

RM-CESU: Colorado State University/Agency Projects FY07

CSU/Agency Totals		62 Projects			\$	6,498,370.00
Agency	PI	Project Title	Start Date	End Date	Budget	
Bureau of Reclamation	Nissen, Scott	Assessment of Native Species Tolerance and Plant Performance	01-Jan-07		\$48,836.00	
	Salas, Jose	Generating stochastic flows for the Truckee River System	01-Jan-07		\$15,000.00	
		Projects: 2				\$63,836.00
Natioanal Park Service	Bell, Paul	Metrics of human responses to natural sound environments	15-Sep-07	30-Apr-10	\$200,448.00	
	Brozka, Robert	Document Invasive, Alien Plants in National Park Service Units	05-Apr-07	05-Apr-10	\$4,175.00	
	Bruyere, Brett	Develop communications materials for natural resource topics, management activities, and issues	01-Aug-07	30-Dec-11	\$133,750.00	
	Clements, William	Integration of water quality, habitat, and benthic macroinvertebrate data to assess ecological integrity of streams in Yellowstone National Park	01-Sep-07	30-Mar-09	\$21,362.00	
	Collett, Jr., Jeffrey	Airborne Nitrogen Concentrations and Deposition in Rocky Mountain National Park	01-Sep-07	30-Sep-08	\$449,644.00	
	Collett, Jr., Jeffrey	Characterizing Pollutant Deposition to Rocky Mountain National Park	01-Aug-07	31-Jul-08	\$43,508.00	
	Collett, Jr., Jeffrey	Characterizing Wildland Fire Particulate Matter Emissions and Their Air Quality/Visibility Impacts	01-Sep-07	28-Feb-09	\$367,357.00	
	Cooper, David	Assess the Condition of the Pecos River Riparian Corridor Prior to Implementation of a Public Fishing Program	01-Mar-07	01-Jun-09	\$37,233.00	

	Cooper, David	Assist To Determine and Prioritize Wetland Restoration Projects in the Kawuneechee Valley at Rocky Mountain National Park.	01-Aug-07	31-Dec-07	\$3,000.00
	Cooper, David	Developing a Restoration Plan for the rare saltgrass, Puccinellia howellii, at Whiskeytown National Recreation Area	15-May-07	31-Dec-08	\$25,000.00
	Cooper, David	Developing a Wetland Restoration Plan for Death Valley National Park, CA	20-Sep-07	01-Mar-11	\$74,267.00
	Cooper, David	Meadow Ecological Integrity Protocol Development	15-May-07	15-Apr-09	\$51,717.00
	Cooper, David	Remove Artificial Levee and Connect Glorieta Creek to its Recently Restored Floodplain at Pecos National Historical Park, NM	01-Jul-07	01-Jul-11	\$8,740.00
	Cooper, David	Study the Effectiveness of a New Fence Design that Excludes Elk and Moose but Allows the Movement of Other Wildlife	01-Jun-07	01-Jun-09	\$7,000.00
	Cooper, David	The role of herbivory and hydrologic condition in cottonwood establishment: Determining barriers to establishment and persistence in Yellowstone's northern range	01-May-07	31-Dec-09	\$8,000.00
	Cooper, David	Vital Signs Monitoring Design and Protocol Development	01-Feb-07	30-Jun-09	\$111,291.00
	Cooper, David	Wetland Protocol Development – Pilot Work in Rocky Mountain NP	01-Apr-07	31-Dec-09	\$55,231.00
	Crooks, Kevin	Effects of pathway activities on behavior and distribution of Rocky Mountain elk and pronghorn antelope in Grand Teton National Park	01-May-07	01-Dec-11	\$105,574.00
	Crooks, Kevin	Mountain Lion (Puma concolor) Ecology in Rocky Mountain National Park	15-Nov-06	31-Mar-08	\$25,000.00
	Culver, Denise	Rare and Sensitive Plant Survey for the Reconstruction of the Grand Lake Entrance Station, Rocky Mountain National Park	01-Jul-07	30-Sep-07	\$1,750.00
	Daniels, Judith	Soil Resources Inventory Project	01-Jul-07	30-Sep-08	\$89,392.00
	Decker, Karin	Editing assistance with vegetation mapping reports.	15-Aug-07	31-Dec-09	\$18,462.00

	Douglas, Marlis	Molecular Analysis of Bluehead Sucker from Canyon de Chelly National Monument	01-Jun-07	31-Dec-08	\$1,175.00
	Eis, Kenneth	Assistance for Visibility Data Analysis and Image Display Techniques	01-Sep-07	31-Aug-08	\$930,297.00
	Hannah, Judith	Data Management Research, Development, and Technical Support to the Geologic Resource Division, Geologic Resource Evaluation Program	17-Sep-07	01-Mar-09	\$55,734.00
	Hobbs, N Thompson	Biological Resource Management in National Parks- Invasive Species Information Management and Delivery	15-Sep-07	30-Sep-10	\$140,000.00
	Hobbs, N. Thompson	Biological Resource Management in National Parks- Invasive Species Information Management and Delivery	15-Oct-06	30-Sep-08	\$37,365.00
	Hobbs, N. Thompson	Model Update and Application for Rocky Mountain National Park Elk Population: A Bayesian Framework for Management of Population Reductions	15-Jul-07	30-Jun-12	\$16,987.00
	Kalkhan, Mohammed A.	Research, design, develop and implement technology in support of the NPS Vegetation Mapping Inventory, the National Park Service Inventory and Monitoring Program.	06-Oct-06	30-Sep-07	\$31,301.00
	Knapp, Alan	Ph.D. Graduate Assistantship to assist with vital signs development	15-Mar-07	31-Dec-10	\$38,254.00
	Loftis, Jim	Clean Water Act Impairments and Use Designations for National Park System Water Resources	30-Sep-07	30-Sep-09	\$50,000.00
	Loftis, Jim	Clean Water Act Impairments and Use Designations for National Park System Water Resources; Status and Trends of Impaired, Threatened, and Outstanding National/State Resource Waters	01-Aug-07	30-Sep-09	\$174,338.00
	Loftis, Jim	Development of Natural Resource Education and Public Outreach Programs and Techniques	01-Jul-07	30-Jun-12	\$94,784.00
	Loftis, Jim	Geographic Information Systems, Remote Sensing, Global Positioning Systems, and Mobile Mapping Research and Development for the NPS GIS Program	01-Jul-07	30-Sep-08	\$417,500.00
	Loftis, Jim	GIS technical support for NPS Intermountain Region Geographic Resources Program	15-Jul-07	30-Jul-09	\$122,924.00
	Loftis, Jim	Guidance and technical support to the Natural Resource Program Center (NRPC) of the National Park Service, making the latest Web technology available to the NPS	01-Sep-07	30-May-08	\$32,500.00

	Loftis, Jim	Southeast Coast Network Database Program	01-Aug-07	30-Sep-11	\$301,154.00
	Nett, Terry	Technical Support to Evaluate Fertility Control in Female Elk	15-Sep-07	31-Dec-09	\$35,000.00
	Ore, Janet	National Historic Landmark Nomination of Ninemile Remount Depot, Lolo National Forest, Montana	01-Aug-07	31-May-10	\$11,750.00
	Paschke, Mark	Using native annual plant species to suppress weedy invasive species in post-fire habitats	01-Aug-07	31-Aug-11	\$292,086.00
	Redente, Edward	Desired Condition Statement & Assessment Handbook	01-May-07	30-Sep-08	\$17,423.00
	Rocca, Monique	Assessing an alternative to mechanical fuel reduction and pile burning	15-Sep-07	30-Sep-11	\$75,000.00
	Rocca, Monique	Fire Management in National Parks – Research, Information Management and Delivery	01-Sep-07	30-Sep-12	\$73,866.00
	Sanders, Thomas	Integration of NPS/USGS Water Resources Science Applicable to Management of Protected Areas	01-Jul-07	30-Sep-08	\$41,000.00
	Sanders, Thomas	Preservation, Protection, and Management of Water and Aquatic Resources in Units of the National Park System	02-Sep-07	30-Sep-09	\$461,670.00
	Sovell, John	Assessment of Status and History of the Prairie Dog Colony at Sand Creek Massacre National Historic Site and Recommendations for Managing the Population	25-Sep-07	01-Aug-12	\$30,000.00
	Sovell, John	Inventory rare and listed species at Sand Creek Massacre National Historic Site	15-Mar-07	31-Jan-09	\$6,600.00
	Spraker, Terry	Chronic Wasting Disease Diagnostic Services for Intermountain Region Parks	25-Sep-07	31-Mar-11	\$34,000.00
	Spraker, Terry	Technical Assistance to the National Park Service Wildlife Health Team	15-Sep-07	01-Mar-09	\$180,000.00
	Stevens, Joe	Biological Resource Management in National Parks- Vegetation Mapping Information Management and Delivery in support of the NPS Vegetation Mapping Inventory, the National Park Service Inventory and Monitoring Program	01-Aug-07	30-Jul-08	\$114,314.00

	Stevens, Joe	National Natural Landmark Evaluations	15-Sep-07	20-Jun-12	\$13,000.00
	Swift, David	Collaborative support of the National Atmospheric Deposition site in Rocky Mountain NP	01-Apr-07	30-Sep-08	\$26,069.00
	Theobald, David	Assessment of Natural Resources and Watershed Conditions for Rocky Mountain National Park and Florissant Fossil Beds National Monument	05-Jul-07	28-Feb-09	\$130,000.00
	Thompson, Jessica	Identifying Multi-jurisdictional Adaptation Strategies for Responding to Climate Change on Federal Lands	01-Sep-07	30-Dec-11	\$55,000.00
	Wockner, Gary	Elk and bison ecological modeling in the Great Sand Dunes complex of lands; estimates of carrying capacity under various management scenarios	01-May-07	15-Aug-09	\$40,000.00
	Zeidler, James	Air Force Space Command Cultural Resources Condition Assessment Methodology	01-May-07	01-Dec-08	\$78,000.00
	Zimmerman, Don	Development of research-based guidelines for Improving the NPS Natural Resource Program Center's Intranet	01-Jul-07	31-Dec-11	\$32,194.00
		Projects: 57			\$6,033,186.00
Natural Resources Conservation Service	Garcia, Luis	GeoLem Caching and Multithreading Development	01-Jul-07	31-Dec-07	\$50,000.00
	Garcia, Luis	Support Implementation and Development of the Object Modeling System	01-Jun-07	20-Sep-09	\$100,000.00
	Paustian, Keith	Enhancing the COMET-VR system: Uncertainty estimation and expanded management options	01-Sep-07	31-Aug-08	\$251,348.00
		Projects: 3			\$401,348.00