OUR CHANGING PLANET

U.S. DEPARTMENT OF AGRICULTURE

Secretarian Secretarian	FY 2007 Request	FY 2006 Estimate	Y 2005	F	USDA Program Title
Agricultural Research Service 2.6 2.6 Cooperative State Research, Education, and Extension Service 2.0 2.0 Economic Research Service 7.2 7.2 Forest Service 7.2 7.2 7.2 Water Cycle 5.5 5.5 S.5 Agricultural Research Service 4.1 4.0 Forest Service 7.2 7.2 Water Cycle 7.2 Forest Service 7.2 7.2 Water Cycle 7.2 Forest Service 7.4 1.4 4.0 Forest Service 7.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1.4 1					USGCRP
Cooperative State Research, Education, and Extension Service 2.0 2.0 Economic Research Service 0.1 0.1 Forest Service 7.2 7.2 Water Cycle 5.5 5.5 Agricultural Research Service 4.1 4.0 Forest Service 1.4 1.4 Land-Use / Land-Cover Change 0.1 0.1 Cooperative State Research, Education, and Extension Service 0.1 0.1 Understanding Atmospheric Composition and Chemistry 18.2 18.3 Agricultural Research Service 18.2 18.3 Understanding Ecosystems Changes 15.9 15.8 Agricultural Research Service 11.8 11.8 Cooperative State Research, Education, and Extension Service 0.5 0.5 Forest Service 3.5 3.5 Support the UV-B Monitoring Network 2.0 2.2 Cooperative State Research Initiative 0.5 0.5 Cooperative State Research Initiative 0.5 0.5 Cooperative State Research Kervice 0.5 0.5	11.6	11.9	11.9		Global Carbon Cycle
Economic Research Service 0.1 0.1	2.3	2.6	2.6		Agricultural Research Service
Vater Cycle	2.0	2.0	2.0	Э	Cooperative State Research, Education, and Extension Service
Water Cycle 5.5 5.5 Agricultural Research Service 4.1 4.0 Forest Service 1.4 1.4 Land-Use / Land-Cover Change 0.1 0.1 Cooperative State Research, Education, and Extension Service 0.1 0.1 Understanding Atmospheric Composition and Chemistry 18.2 18.3 Agricultural Research Service 18.2 18.3 Understanding Ecosystems Changes 15.9 15.8 Agricultural Research Service 11.8 11.8 Cooperative State Research, Education, and Extension Service 0.5 0.5 Forest Service 3.5 3.5 Support the UV-B Monitoring Network 2.0 2.2 Cooperative State Research, Education, and Extension Service 2.0 2.2 Other National Research Initiative 0.5 0.5 Cooperative State Research, Education, and Extension Service 0.5 0.5 Cooperative State Research (Forest Service) 0.5 0.5 Cooperative State Research (Forest Service) 0.5 0.5 USGCRP TOTAL 54.1	0.1	0.1	0.1		Economic Research Service
Agricultural Research Service 4.1 4.0 Forest Service 1.4 1.4 Land-Use / Land-Cover Change 0.1 0.1 Cooperative State Research, Education, and Extension Service 0.1 0.1 Understanding Atmospheric Composition and Chemistry 18.2 18.3 Agricultural Research Service 18.2 18.3 Understanding Ecosystems Changes 15.9 15.8 Agricultural Research Service 11.8 11.8 11.8 Cooperative State Research, Education, and Extension Service 0.5 0.5 Forest Service 3.5 3.5 Support the UV-B Monitoring Network 2.0 2.2 Cooperative State Research, Education, and Extension Service 0.5 0.5 Cooperative State Research, Education, and Extension Service 0.5 0.5 USGCRP TOTAL 54.1 54.3 Carbon Cycle Research (Agricultural Research Service) 0.6 0.6 Carbon Cycle Research (Forest Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 0.9 1.0	7.3	7.2			Forest Service
Forest Service 1.4 1.4 Land-Use / Land-Cover Change 0.1 0.1 Cooperative State Research, Education, and Extension Service 0.1 0.1 Understanding Atmospheric Composition and Chemistry 18.2 18.3 Agricultural Research Service 18.2 18.3 Understanding Ecosystems Changes 15.9 15.8 Agricultural Research Service 11.8 11.8 11.8 Cooperative State Research, Education, and Extension Service 0.5 0.5 Forest Service 3.5 3.5 Support the UV-B Monitoring Network 2.0 2.2 Cooperative State Research, Education, and Extension Service 2.0 2.2 Other National Research Initiative 0.5 Cooperative State Research, Education, and Extension Service 0.5 USGCRP TOTAL 54.3 Cerbon Cycle Research (Agricultural Research Service) 0.6 0.6 Carbon Cycle Research (Forest Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research Service) 0.9 1.0	4.9	5.5	5.5		Water Cycle
Land-Use / Land-Cover Change Cooperative State Research, Education, and Extension Service O.1 Understanding Atmospheric Composition and Chemistry 18.2 18.3 Agricultural Research Service 18.2 18.3 Understanding Ecosystems Changes 15.9 15.8 Agricultural Research Service 11.8 Cooperative State Research, Education, and Extension Service 11.8 Cooperative State Research, Education, and Extension Service 3.5 Support the UV-B Monitoring Network 2.0 2.2 Cooperative State Research, Education, and Extension Service 2.0 Cooperative State Research, Education, and Extension Service 2.0 Cooperative State Research Initiative 0.5 Cooperative State Research, Education, and Extension Service 0.5 USGCRP TOTAL Carbon Cycle Research (Agricultural Research Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 0.9 1.0	3.4	4.0	4.1		Agricultural Research Service
Cooperative State Research, Education, and Extension Service 0.1 0.1 Understanding Atmospheric Composition and Chemistry 18.2 18.3 Agricultural Research Service 18.2 18.3 Understanding Ecosystems Changes 15.9 15.8 Agricultural Research Service 11.8 11.8 Cooperative State Research, Education, and Extension Service 0.5 0.5 Forest Service 3.5 3.5 Support the UV-B Monitoring Network 2.0 2.2 Cooperative State Research, Education, and Extension Service 2.0 2.2 Other National Research Initiative 0.5 0.5 Cooperative State Research, Education, and Extension Service 0.5 0.5 USGCRP TOTAL 54.1 54.3 Carbon Cycle Research (Agricultural Research Service) 0.6 0.6 Carbon Cycle Research (Forest Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 0.9 1.0	1.5	1.4	1.4		Forest Service
Understanding Atmospheric Composition and Chemistry Agricultural Research Service 18.2 18.3 Understanding Ecosystems Changes Agricultural Research Service 11.8 Agricultural Research Service 11.8 Agricultural Research Service 11.8 Cooperative State Research, Education, and Extension Service 0.5 Forest Service 3.5 Support the UV-B Monitoring Network 2.0 2.2 Cooperative State Research, Education, and Extension Service 2.0 Cooperative State Research Initiative 0.5 Cooperative State Research Initiative 0.5 USGCRP TOTAL Carbon Cycle Research (Agricultural Research Service) Carbon Cycle Research (Forest Service) 3.3 Carbon Inventory and Analysis, Carbon Management Research Service) 0.9 1.0	0.1	0.1	0.1		Land-Use / Land-Cover Change
Agricultural Research Service 18.2 18.3 Understanding Ecosystems Changes 15.9 15.8 Agricultural Research Service 11.8 11.8 Cooperative State Research, Education, and Extension Service 0.5 0.5 Forest Service 3.5 3.5 Support the UV-B Monitoring Network 2.0 2.2 Cooperative State Research, Education, and Extension Service 2.0 2.2 Other National Research Initiative 0.5 0.5 Cooperative State Research, Education, and Extension Service 0.5 0.5 USGCRP TOTAL 54.1 54.3 Carbon Cycle Research (Agricultural Research Service) 0.6 0.6 Carbon Cycle Research (Forest Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 2.7 2.7 Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) 0.9 1.0	0.1	0.1	0.1	Э	Cooperative State Research, Education, and Extension Service
Understanding Ecosystems Changes Agricultural Research Service 11.8 Cooperative State Research, Education, and Extension Service 0.5 Forest Service 3.5 Support the UV-B Monitoring Network 2.0 Cooperative State Research, Education, and Extension Service 0.5 Cooperative State Research, Education, and Extension Service 0.5 Cooperative State Research Initiative 0.5 Cooperative State Research, Education, and Extension Service 0.5 USGCRP TOTAL CCRI Carbon Cycle Research (Agricultural Research Service) 0.6 Carbon Cycle Research (Forest Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 0.9 1.0	17.0	18.3	18.2		Understanding Atmospheric Composition and Chemistry
Agricultural Research Service 11.8 11.8 Cooperative State Research, Education, and Extension Service 0.5 0.5 Forest Service 3.5 3.5 Support the UV-B Monitoring Network 2.0 2.2 Cooperative State Research, Education, and Extension Service 2.0 2.2 Other National Research Initiative 0.5 0.5 Cooperative State Research, Education, and Extension Service 0.5 0.5 USGCRP TOTAL 54.1 54.3 Carbon Cycle Research (Agricultural Research Service) 0.6 0.6 Carbon Cycle Research (Forest Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 2.7 Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) 0.9 1.0	17.0				Agricultural Research Service
Cooperative State Research, Education, and Extension Service O.5 Forest Service 3.5 Support the UV-B Monitoring Network Cooperative State Research, Education, and Extension Service O.5 Cooperative State Research Initiative O.5 Cooperative State Research, Education, and Extension Service O.5 Cooperative State Research, Education, and Extension Service CCRI Carbon Cycle Research (Agricultural Research Service) Carbon Cycle Research (Forest Service) Carbon Inventory and Analysis, Carbon Management Research Service) Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) O.5 O.5 O.6 O.6 O.6 O.7 O.7 O.8 O.9 O.9 O.9 O.9 O.9 O.9	12.7	15.8	15.9		Understanding Ecosystems Changes
Forest Service 3.5 3.5 Support the UV-B Monitoring Network 2.0 2.2 Cooperative State Research, Education, and Extension Service 2.0 2.2 Other National Research Initiative 0.5 0.5 Cooperative State Research, Education, and Extension Service 0.5 0.5 USGCRP TOTAL 54.1 54.3 Carbon Cycle Research (Agricultural Research Service) 0.6 0.6 Carbon Cycle Research (Forest Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 2.7 Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) 0.9 1.0	8.6	11.8	11.8		Agricultural Research Service
Support the UV-B Monitoring Network Cooperative State Research, Education, and Extension Service 2.0 2.2 Other National Research Initiative Cooperative State Research, Education, and Extension Service 0.5 0.5 USGCRP TOTAL CCRI Carbon Cycle Research (Agricultural Research Service) Carbon Cycle Research (Forest Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research Service) Carbon Service 0.6 0.6 0.6 0.7 0.7 0.7 0.9 0.9 0.9 0.9 0.9	0.5	0.5	0.5	Э	Cooperative State Research, Education, and Extension Service
Cooperative State Research, Education, and Extension Service 2.0 2.2 Other National Research Initiative 0.5 0.5 Cooperative State Research, Education, and Extension Service 0.5 0.5 USGCRP TOTAL 54.1 54.3 Carbon Cycle Research (Agricultural Research Service) 0.6 0.6 Carbon Cycle Research (Forest Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 2.7 Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) 0.9 1.0	3.6	3.5	3.5		Forest Service
Cooperative State Research, Education, and Extension Service 0.5 0.5 USGCRP TOTAL CCRI Carbon Cycle Research (Agricultural Research Service) 0.6 0.6 Carbon Cycle Research (Forest Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 2.7 Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) 0.9 1.0	2.4	2.2	2.0		Support the UV-B Monitoring Network
Cooperative State Research, Education, and Extension Service 0.5 0.5 USGCRP TOTAL CCRI Carbon Cycle Research (Agricultural Research Service) 0.6 0.6 Carbon Cycle Research (Forest Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 2.7 Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) 0.9 1.0	2.4	2.2	2.0	Э	Cooperative State Research, Education, and Extension Service
CCRI Carbon Cycle Research (Agricultural Research Service) Carbon Cycle Research (Forest Service) Carbon Cycle Research (Forest Service) 3.3 Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 2.7 Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) 0.9 1.0	0.5	0.5	0.5		Other National Research Initiative
Carbon Cycle Research (Agricultural Research Service) Carbon Cycle Research (Forest Service) Carbon Cycle Research (Forest Service) Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 2.7 Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) 0.9 1.0	0.5	0.5	0.5	Э	Cooperative State Research, Education, and Extension Service
Carbon Cycle Research (Agricultural Research Service) Carbon Cycle Research (Forest Service) Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 2.7 Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) 0.6 0.6 2.7 2.7 1.0	49.2	54.3	54.1		USGCRP TOTAL
Carbon Cycle Research (Forest Service) 3.3 3.3 Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 2.7 2.7 Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) 0.9 1.0					CCRI
Carbon Inventory and Analysis, Carbon Management Research (Forest Service) 2.7 2.7 Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) 0.9 1.0	1.3	0.6	0.6		Carbon Cycle Research (Agricultural Research Service)
Regional and Sectoral Impacts of Climate Change (Agricultural Research Service) 0.9 1.0	3.6	3.3	3.3		Carbon Cycle Research (Forest Service)
	3.1	2.7	2.7	(Forest Service)	Carbon Inventory and Analysis, Carbon Management Research (Fo
CCRI TOTAL 7.6 7.6	3.3	1.0	0.9	Research Service)	Regional and Sectoral Impacts of Climate Change (Agricultural Rese
	11.2	7.6	7.6		CCRI TOTAL
Department of Agriculture Total 61.6 61.9 President's Request	60.4	61.9	61.6		•



Mapping of Budget Request to Appropriations Legislation. In the Appropriations Committee reports, Department of Agriculture CCSP activities are funded under Title I—Agricultural Programs, within the ARS, CSREES Research and Education Activities, and ERS accounts; and under Title II—Conservation Programs, within the NRCS Conservation Operations account. Also in the Appropriations Committee reports, U.S. Department of Agriculture CCSP activities are funded in the USDA FS section under Title II—Related Agencies, within the FS Forest Research account.