

Federal and State Resource Management Programs and Management Practices that Conserve Energy and Enhance Carbon Sequestration (1 = Improve Forage Quality, 2 = Prescribed Burning, 3 = Reduce Overgrazing, 4 = Buffer Strips, 5 = High Carbon Storage Crops, 6 = No-till and Reduced Till, 7 = Grass Plantings, 8 = Increase Cropping Intensity, 9 = Tree Plantings, 10 = Erosion Control, 11 = Cover Crops).

Agency	Program	Purpose	Energy Conservation and Carbon Sequestration Potential	Relevant Management Practices (see above)
Health and Environment	Nonpoint Source Pollution	Provides funds for projects that will reduce sources of nonpoint source pollution or that treat nonpoint source pollution before it reaches receiving water	Practices may reduce energy consumption through reduced water supply treatment needs. Projects may result in opportunities for C sequestration and provide multiple benefits	1 - 11
USDA/NRCS	Conservation Compliance	Requires specific treatment of highly erodible cropland and wetlands in order participate in most USDA programs	Practices may reduce energy consumption through reduced water supply treatment needs. Projects may result in C sequestration and provide multiple benefits. Watershed function improvement.	1 – 11
	Conservation Operations	Provides technical assistance on private lands for development and application of Resource Management Plans	Practices may reduce energy consumption through reduced water supply treatment needs. Projects may result in opportunities for C sequestration and provide multiple benefits.	1 - 11
	Environmental Quality Incentives Program	Offers financial and technical assistance to install structural and management practices	Practices may reduce energy consumption through reduced water supply treatment needs. Projects may result in C sequestration and provide multiple benefits. Watershed function improvement.	1 - 11
	Inventory and Monitoring	Provides information on soils, water and related resources. Conducts a national survey every five years.	Assists in tracking and quantifying land uses and conversions	1 - 11
	Plant Materials Program	Assists with development of plant materials and techniques for their use in environmental improvement programs	Opportunities to develop high carbon sequestration potential plants.	1, 5, 7, 8, 9, 10, 11

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	Watershed Planning and Operations	Provides assistance to watershed or conservation districts to install treatment and structural practices	Practices may reduce energy consumption through reduced water supply treatment needs	4, 10
	Ground and Surface Water Conservation	Facilitates a conservation measure that results in a net savings in ground or surface water resources in the agricultural operation of a producer	Water conservation and energy use reduction	
	Wetlands Reserve Program	Cost share and easements to restore and protect wetlands	Reduces flood damage, filters pollutants, and reduces soil erosion, supplies wildlife habitat. Watershed function improvement and C sequestration	4, 7, 9, 10
	Wildlife Habitat Incentives Program	Cost share to establish wildlife habitat	Watershed function improvement and C sequestration	1, 3, 4, 7, 9, 10
	Grassland Reserve Program	Cost share and easements to protect, restore, and enhance native rangeland	Watershed function improvement and C sequestration	1, 2, 3, 7, 10
	Grazing Lands Conservation Initiative	Enhances the state's privately-owned grazing lands by increasing technical assistance at the grassroots level	Healthy grazing lands result in reduced runoff and nonpoint source pollution while sequestering carbon	1, 2, 3, 5, 7, 10
	Conservation Security Program	Contract payments for utilizing beneficial conservation practices. CSP is a voluntary program that provides financial and technical assistance to promote the conservation and improvement of soil, water, air, energy, plant and animal life on Tribal and private working lands	Reduces soil erosion, improves water quality, water conservation. Watershed function improvement and C sequestration. Opportunities for energy use reduction.	1 – 11
	Conservation Reserve Enhancement Program	A voluntary land retirement program that helps agricultural producers protect environmentally sensitive land, decrease erosion, restore wildlife habitat, and safeguard ground and surface water	Reduces energy use. Reduces soil erosion, improves water quality, water conservation. Watershed function improvement and C sequestration	1, 2, 3, 4, 7, 9, 10, 11

Agency	Program	Purpose	Energy Conservation and Carbon Sequestration Potential	Relevant Management Practices (see above)
	Farm and Ranchland Protection Program	Provides funding to keep farm and ranchlands in agricultural uses	Watershed function improvement and multiple C sequestration	1 - 11
	Energy Audits	Assessment of how energy is being consumed and suggestion on how reductions can be made and alternative energy produced	Energy use reduction and alternate energy sources	
Farm Services Agency	Conservation Reserve Program	Cost share and rental agreements to convert marginal cropland to native grasses and wetlands	Preserve the function of these systems and may enhance C sequestration. Energy conservation	1, 2, 3, 4, 7, 9, 10, 11
US Fish and Wildlife Service	Fish and Wildlife Enhancement Program	Supports field operations which includes technical assistance on protecting, restoring or maintaining native habitats	Preserves the function of these systems and may enhance C sequestration	1, 2, 3, 7, 9, 10, 11
	Private Lands Program	Contracts for 1 to 29 years to restore, enhance or create wetlands or native grasslands.	Preserves the function of these systems and may enhance C sequestration	1, 2, 3, 4, 7, 9, 10, 11
Wildlife and Parks	Conservation Easements for Riparian and Wetland Areas	Establishes easements to permanently secure and enhance quality areas in the state	Preserves the function of these systems and has potential for C sequestration	4, 7, 9, 10, 11
	Wildlife Habitat Improvement Program	Provides limited assistance for development of wildlife habitat	Watershed function improvement and C sequestration	1, 3, 4, 7, 9, 10
	North American Waterfowl Conservation Act	Provides up to 50% cost share for purchase and/or development of wetlands and wildlife habitat	Watershed function improvement and C sequestration	4, 7, 9, 10, 11
	Wildtrust	Accepts donated money, property and real estate to acquire and protect sensitive habitat	Watershed function improvement and C sequestration	2, 4, 7, 9, 10, 11
	MARSH Program	May provide up to 100% of funding for small wetland projects. Projects need to provide waterfowl benefits and be open to the public	Watershed function improvement and C sequestration	4, 7, 9, 10, 11

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State Conservation Commission	Water Resources Cost Share Program	Provides state financial assistance to landowners for the establishment of enduring water conservation practices to protect and improve the quality and quantity of Kansas Water Resources	Reduces soil erosion, improves water quality, water conservation. Watershed function improvement and C sequestration	1 – 11
	Nonpoint Source Pollution Control Fund	Provides state financial assistance for nonpoint source pollution control practices for the protection or restoration of surface and groundwater quality	Protects and/or restores surface and ground water quality. Watershed function improvement and C sequestration. Practices may reduce energy consumption through reduced water supply treatment needs.	1 – 11
	Riparian and Wetland Program	Addresses the conservation and management of riparian areas and wetlands.	Reduces flood damage, filters pollutants, reduces soil erosion, supplies wildlife habitat. Watershed function improvement and C sequestration	4, 7, 9, 10
	Water Rights Purchase Program	Provides financial assistance to a local entity to purchase a water right to restore base flows in designated streams and/or slow or reverse the decline of groundwater levels in specific aquifers	Water and energy conservation	
	Water Quality Buffer Initiative	State cost share incentives supplement federal incentives to encourage the establishment of riparian forest buffers and vegetative filter strips.	Watershed function improvement and C sequestration	4, 7, 9, 10
Kansas Forest Service	Conservation Tree Planting Program	Provides low cost trees and shrubs for conservation plantings	Watershed function improvement and C sequestration	4, 9, 10
	Riparian and Wetland Program	Promotes and assists with establishment of riparian forest land and wetlands	Watershed function improvement and C sequestration	4, 7, 9, 10

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Kansas Rural Center	River Friendly Farms Program	Producers may qualify for a \$250 incentive payment for completing the RFFP assessment and action plan. Upon Completion, producers may be eligible to apply for up to \$5,000 in cost share funds	May identify opportunities for energy use reduction. Watershed function improvement and C sequestration	1 – 11
Kansas Alliance for Wetlands and Streams	Wetland and Riparian Program	Provides financial assistance for water education statewide. Financial and technical assistance for construction of streambank restoration and wetland projects.	Watershed function improvement and C sequestration	4, 7, 9, 10, 11