

19. Recreational Activities					
ISSUE 19.1	Recreational activities may cause a potential impact to GrSG.				
OBJECTIVE 19.1.1	Use experimentally designed studies to evaluate the cause and effect of recreational activity on the productivity and population viability of GrSG.				
Reference Number	Conservation Strategy	Responsible Parties	Timeline	Implementation	Effectiveness
19.1.1.1	Evaluate the effect of recreational activities on GrSG mating behavior. [See Research Strategy 21.2.1.5]	CPW, Other Research Institutions, Universities	Begin by 2020		
19.1.1.2	Evaluate the effect of recreational activities on GrSG nesting and brood-rearing success. [See Research Strategy 21.2.1.5]	CPW, Other Research Institutions, Universities	Begin by 2020		
19.1.1.3	Evaluate the effect of recreational activities on GrSG winter flocks. [See Research Strategy 21.2.1.5]	CPW, Other Research Institutions, Universities	Begin by 2020		
19.1.1.4	Evaluate the effect of recreational activities on recruitment and long-term population dynamics of GrSG. [See Research Strategy 21.2.1.5]	CPW, Other Research Institutions, Universities	Begin by 2020		
ISSUE 19.1	Recreational activities may cause a potential impact to GrSG.				
OBJECTIVE 19.1.2	Minimize the potential adverse impacts of recreational activities on GrSG (see CCP "GrSG Disturbance Guidelines", Appendix B).				
Reference Number	Conservation Strategy	Responsible Parties	Timeline	Implementation	Effectiveness
19.1.2.1	Minimize, where possible, the impacts to sage-grouse when designing or modifying recreational roads or trails.	BLM, CPW, County Governments, DPOR, LWGs, Private Landowners, USFS	Ongoing	CPW: General - CPW provides comments to land management agencies, recreation groups, and others with sensitive locations and recommendations for minimizing or avoiding impacts to GrSG for use in trail design/modification projects. CPW participates in each of the RMP revisions occurring in GrSG habitat, including travel management planning.	
19.1.2.2	On publicly-owned properties, pets (this excludes working dogs) should be on-leash or restricted from areas within important GrSG breeding habitat (March – July).	BLM, CPW, SLB, USFS, USFWS	2008	CPW: General - CPW provides this comment to land management agencies in key GrSG habitats. CPW participates in each of the RMP revisions occurring in GrSG habitat, including travel management planning. For instance, CPW recommends that recreational activities avoid areas within 0.6 miles of leks during the breeding season.	
19.1.2.3	Develop and distribute educational material on (1) general GrSG biology, and (2) the potential harmful effects of recreational activities on GrSG breeding, nesting, and winter areas. Distribute to recreational groups, tourists, pet owners, private landowners, and lek viewers. [See Information, Communication, and Education Strategies 12.2.1.1 and 12.2.1.3]	CPW	2009		
19.1.2.4	Identify and map areas of high recreational use within GrSG habitat for use in guiding management decisions.	LWGs	2008	BLM: NWCO - BLM and motorized recreation groups have worked to identify traffic densities in portions of the Little Snake Field Office (particularly the Sand Wash Basin).	

Reference Number	Conservation Strategy	Responsible Parties	Timeline	Implementation	Effectiveness
19.1.2.5	Provide information and signage at areas where management actions relating to GrSG are in effect (e.g., designated trails, seasonal closures). [See Information, Communication, and Education Strategy 12.2.1.3]	CPW	2009		
19.1.2.6	On land that is important to GrSG, encourage private and public land managers to manage human recreation activities to benefit sage-grouse (e.g., during the breeding season, on winter range). Provide incentives to landowners, if possible. [See also Information, Communication, and Education Strategies 12.2.1.3 and 12.3.1.1]	LWGs	Ongoing	CPW: General - CPW provides comments to land management agencies, recreation groups, and others with sensitive locations and recommendations for minimizing or avoiding impacts to GrSG for use in trail design/modification projects. CPW participates in each of the RMP revisions occurring in GrSG habitat, including travel management planning. For instance, CPW recommends that recreational activities avoid areas within 0.6 miles of leks during the breeding season.	
19.1.2.7	Advocate for increased monitoring and enforcement of existing recreational regulations where conflicts with GrSG have been identified	LWGs	Ongoing	CPW: General - While areas of specific conflict between recreationists and GrSG have not been widely identified, CPW regularly encourages land management agencies to provide sufficient law enforcement effort to make recreational regulations meaningful.	CPW: General - CPW law enforcement officers enforce travel management regulations on State Wildlife Areas.
19.1.2.8	Promote the development of a realistic and enforceable travel management plan on public lands to protect GrSG lek, nesting, brood rearing, and winter habitats.	BLM, CPW, County Governments, LWGs, SLB, USFS	As plans are developed	CPW: General - CPW has provided comments on federal land use planning/travel management documents, including necessary protections for GrSG seasonal habitats. Comments have been provided on travel management planning efforts in the Little Snake, Kremmling, and Colorado River Valley draft RMPs and the White River National Forest management plan.	
19.1.2.9	When existing recreational roads and trails conflict with GrSG habitat requirements, consider management options (within authorities) such as seasonal use restrictions, closure, removal, speed limits and realignment (administrative uses may be allowed).	BLM, CPW, County Governments, LWGs, Private Landowners, SLB, USFS	As Needed	CPW: General - CPW recommends that land management agencies apply seasonal and/or diurnal closures where recreational trails exist within 0.6 miles of lek sites. PPR - CPW has included speed limits on energy field access roads in some WMPs where conflict with GrSG is likely.	
19.1.2.10	Restrict off-highway vehicles (OHV) to on-trail or on-road use on public lands during the nesting season in occupied GrSG breeding habitat.	BLM, CPW, County Governments, LWGs, SLB, USFS,	As Needed	BLM: General - BLM is moving from Open (off-road travel allowed) toward Limited to Existing Routes or Limited to Designated Routes in travel management plans within many important GrSG habitats (examples include the Little Snake and Kremmling field offices).	