

Range Ecology Career Overview

Range scientists are trained to manage lands that produce herbage for all grazing animals, for aesthetic values, and for watershed enhancement. Knowledgeable in ecosystem structure, range scientists possess an understanding of the functions of the ecosystem with respect to nutrient cycling, energy flows among feeding levels, and animal requirements for food and shelter. These scientists are also trained to assess rehabilitation potential following drastic disturbances and to develop procedures for land reclamation and management. Range scientists often work closely with other specialists in wildlife, hydrology, forestry, soils, agronomy, recreation and other disciplines.



	Private	Public	Non-Profit
Range Management			
<i>Organizations</i>	Mining Companies	Department of Agriculture	CO Natural Heritage Program
	Environmental Consulting Firms	~Forest Service	Land Trusts/Preserves
	Farms	~Natural Res Conservation Service	~The Nature Conservancy
	Land Trusts/Preserves	Department of Interior	~Trust for Public Land
	Ranches	~National Park Service	~Land Trust Alliance
		~US Bureau of Indian Affairs	
		~US Bureau of Land Management	
		~US Fish and Wildlife Service	
		State/City/County Govt Agencies	
		~Cooperative Extension Offices	
		~Department of Natural Resources	
		~Soil and Water Conservation Dist	
<i>Job Titles</i>	Farm Manager	Land Use Planner	Conservation Planner
	Ranch Manager	Range Scientist	Farm Manager
	Researcher	Range Technician	Land Use Planner
		Rangeland Mngmt Specialist	Ranch Manager
		Researcher	Researcher
		Weed Specialist/Technician	
Range and Forest Management			
<i>Organizations</i>	Ranches	Department of Agriculture	CO Natural Heritage Program
	Environmental Consulting Firms	~Forest Service	Land Trusts/Preserves
	Farms	~Natural Res Conservation Service	~The Nature Conservancy
	Land Trusts/Preserves	Department of Interior	~Trust for Public Land
		~National Park Service	~Land Trust Alliance
		~US Bureau of Indian Affairs	

		~US Bureau of Land Management	
		~US Fish and Wildlife Service	
		State/City/County Govt Agencies	
		~Cooperative Extension Offices	
		~Department of Natural Resources	
		~Soil and Water Conservation Dist	
<i>Job Titles</i>	Consultant	Land Use Planner	Conservation Planner
	Farm Manager	Ranch Manager	Land Steward Assistant
	Ranch Manager	Range Scientist	Land Use Planner
	Range Scientist	Range Technician	Preserve Manager
	Real Estate/Land Manager	Rangeland Mngmt Specialist	Real Estate/Land Manager
	Researcher	Researcher	Researcher
		Weed Specialist/Technician	Riparian Ecologist/Technician

Restoration Ecology			
<i>Organizations</i>	Environmental Consulting Firms	Department of Agriculture	Colorado Natural Heritage Program
	Farms	~Forest Service	Land Trusts/Preserves
	Land Trusts/Preserves	~Natural Res Conservation Service	~The Nature Conservancy
	Mining Companies	Department of Interior	~Trust for Public Land
	Ranches	~National Park Service	~Land Trust Alliance
		~US Bureau of Indian Affairs	
		~US Bureau of Land Management	
		~US Fish and Wildlife Service	
		State/City/County Govt Agencies	
		~Cooperative Extension Offices	
		~Department of Natural Resources	
		~Soil and Water Conservation Dist	
<i>Job Titles</i>	Mine Rehabilitation Specialist	Ecologist	Conservation Planner
	Range Conservationist	Mine Rehabilitation Specialist	Land Steward Assistant
	Range Ecologist	Range Conservationist	Mine Rehabilitation Specialist
	Range Scientist	Range Ecologist	Range Conservationist
	Researcher	Range Scientist	Range Ecologist
	Restoration Ecologist	Range Technician	Restoration Ecologist
	Soil Conservationist	Restoration Ecologist	Riparian Ecologist/Technician
	Soil Scientist	Soil Conservationist	Soil Conservationist
		Soil Scientist	

Science			
<i>Organizations</i>	Environmental Consulting Firms	Department of Agriculture	Colorado Natural Heritage Program
	Mining Companies	~Forest Service	Land Trusts/Preserves
		~Natural Res Conservation Service	~The Nature Conservancy
		Department of Interior	~Trust for Public Land
		~National Park Service	~Land Trust Alliance
		~US Bureau of Indian Affairs	
		~US Bureau of Land Management	
		~US Fish and Wildlife Service	
		State/City/County Govt Agencies	
		~Department of Natural Resources	
		~Natural Res Ecology Laboratory	
		~Soil and Water Conservation Dist	
<i>Job Titles</i>	Consultant	Ecologist	Ecologist
	Range Scientist	Professor/Instructor/Teacher	Land Steward Assistant
	Researcher	Range Scientist	Researcher
		Researcher	Riparian Ecologist/Technician
		Weed Specialist/Technician	