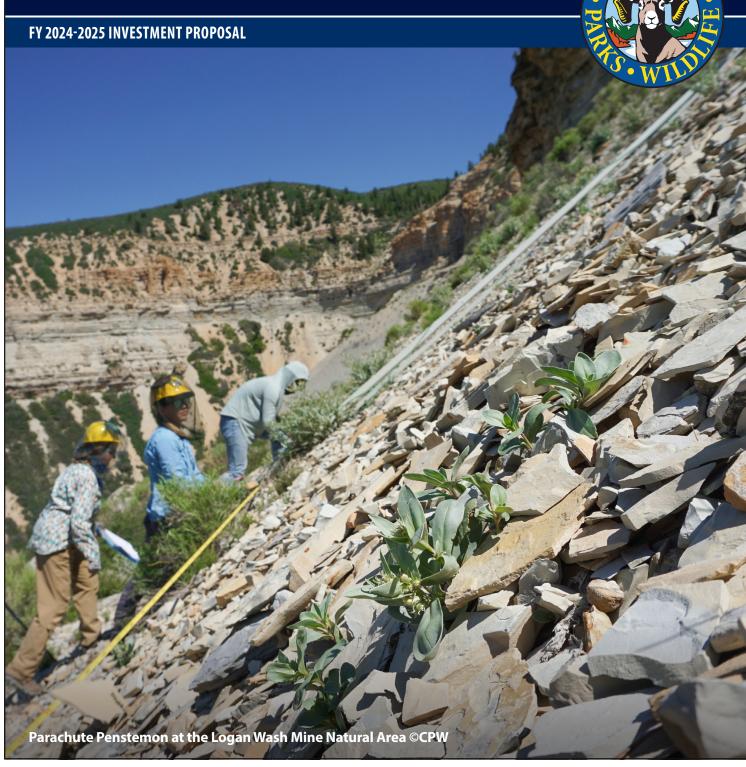
COLORADO PARKS & WILDLIFE

# Great Outdoors Colorado



# **Table of Contents**

Introduction	4
Outdoor Recreation Tables	7
Outdoor Recreation: Establish and Improve State Parks and Recreation	9
Park Improvements	10
Capital Development Program	12
Recreation Management on State Parks	13
Natural Resource Management Program	14
Invasive and Noxious Weed Management Program	16
Director's Innovation Fund	16
Outdoor Recreation: Public Information and Environmental Education	18
Public Information	19
Volunteer Program	20
Environmental Education and Youth Programs	21
Outdoor Recreation: Trails and River Greenways	25
State Trails Program	26
Trail Grant Program	27
Trails in State Parks	27
Outdoor Recreation: Water for Recreation Purposes	29
Water Program	30
Wildlife Tables	31
Wildlife: Habitat Management	33
Acquire High Priority Habitat	34
Enhance Habitat on Land and Water	35
Wetlands Conservation	36
GIS Habitat Information	37
Director's Innovation Fund	37
Wildlife: Wildlife Heritage	38

# Table of Contents, cont.

	Threatened, Endangered, and Native Species Conservation	. 39
	Propagation of Aquatic Species at Risk	. 42
Wildl	ife: Wildlife Education and Environment	.43
	Education and Volunteer Program	. 44
	Youth Programs	. 45
	Angler Education	. 47
Wildl	ife: Wildlife Viewing	. 48
	Wildlife Viewing	. 49

Great Outdoors Colorado (GOCO) is a vital funding partner for Colorado Parks and Wildlife (CPW), helping Colorado become a national leader in a broad range of outdoor recreation and wildlife programs. Section I of Article XXVII of the Colorado Constitution describes eight basic objectives for GOCO investments in outdoor recreation and wildlife programs.

#### Outdoor Recreation:

- Establish and improve state parks and recreation areas throughout Colorado.
- Develop appropriate public information and environmental education resources on Colorado's natural resources at state parks, recreation areas, and other locations throughout the state.
- Acquire, construct, and maintain trails and river greenways.
- Provide water for recreational purposes through the acquisition of water rights or through agreements with holders of water rights, all in accord with applicable state water law.

#### Wildlife:

- Develop wildlife watching opportunities.
- Implement educational programs about wildlife and wildlife environment.
- Provide appropriate programs for maintaining Colorado's diverse wildlife heritage.
- Protect crucial wildlife habitats through the acquisition of lands, leases, or easements and restore critical areas.

In 2015, CPW adopted a strategic plan and GOCO adopted a new strategic plan in 2020. These plans include input from stakeholders, partners, and the public. This FY 2024-25 investment proposal addresses many priorities from these two strategic plans.

#### CPW's strategic plan identifies six goals:

- 1. Conserve wildlife and habitat to ensure healthy sustainable populations and ecosystems.
- 2. Manage state parks for world-class outdoor recreation.
- 3. Achieve and maintain financial sustainability.
- 4. Maintain dedicated personnel and volunteers.
- 5. Increase awareness and trust for CPW.
- 6. Connect people to Colorado's outdoors.

GOCO also partners with CPW to meet Governor Polis' Wildly Important Goals, or WIGs. The two WIGs CPW is responsible for meeting are: 1) to balance outdoor recreation and conservation, and 2) to achieve financial sustainability. GOCO's flexibility has helped CPW make significant strides toward financial sustainability by offering increased flexibility in both the timing and the use of grant funds. GOCO support is critical to CPW's continued efforts in balancing outdoor recreation and conservation interests and in investing in important work addressing Colorado's land, water, wildlife, and recreation infrastructure needs, including efforts like the Regional Partnership Initiative. GOCO funding supports CPW in engaging their

employees and partner organizations in shared dialogue to continually work toward inclusivity and equity at CPW, which also supports the Governor's Equity, Diversity, and Inclusion Wildly Important Goal for all state agencies. CPW built its FY 2024-25 investment proposal to be consistent with these goals and with the values of GOCO's strategic plan: Resource Conservation, Outdoor Stewardship, Community Vitality, Equitable Access, and Youth Connections.

This investment proposal represents work conducted by CPW programs, parks, and wildlife areas and does not include information about all the work of CPW. The CPW FY 2024-25 investment proposal requests \$17,762,564 in Outdoor Recreation purpose funding and \$13,901,552 in Wildlife purpose funding. The total request is \$31,664,116. Grant requests show both total projected expenditures and the requested GOCO funding.

In addition to the funding included in this investment proposal, CPW sets aside funding for participation in the Centennial Program, which began in FY 2022-23. GOCO and CPW collaboratively established the Centennial Program to invest in high-value, once-in-a-lifetime projects that will have lasting impacts for the state and future generations of its people. As of January 2024, CPW has allocated Centennial funding for two projects totaling \$7,814,500 in wildlife purpose funds. By FY 2025-26, CPW will have allocated approximately \$43.2 million from its GOCO funding to the program, totaling \$31,300,000 in wildlife purpose and \$11,900,000 in outdoor recreation funds. The Centennial Program operates independently from this annual investment proposal. However, funding for this program is sourced and retained separately within the existing Parks and Wildlife constitutional funding quadrants. A parallel project identification and funding allocation process is being utilized to deploy these dollars, enabling CPW to move quickly when unforeseen opportunities arise.

Like all environments, the condition of the Colorado outdoors is in a constant state of flux, and CPW's planned budget for a given year can change significantly due to changing circumstances. As Colorado's population continues to grow and use of outdoor spaces increases, additional resources are needed for operations and maintenance and estimates in this plan may change. CPW has implemented the Keep Colorado Wild pass fee and continues to implement the Future Generations Act. In response to the governor's priorities and emergent opportunities, the division may need to embark on discussions with the GOCO board to discuss future funding plans or reprioritization of existing grants.

Colorado Parks and Wildlife uses an activity-based budgeting system, and narratives for each grant list a series of activities that staff may perform under the grant. The listed activities include the primary activities that CPW will perform within each grant, but the list is not exhaustive. Staff may undertake unlisted activities when reasonable and when necessary to accomplish the grant's purpose and intent. If questions arise about activities that are not included in these lists, CPW and GOCO staff will work together to determine if they fall within the intent of the grant described in this investment proposal.

Some important highlights to consider in this year's Investment Proposal include:

- adjusting GOCO grant amounts across programs to maximize GOCO contributions based on expenditure history;
- increasing the GOCO contributions for infrastructure projects on state parks to enhance the outdoor recreation experience of visitors;
- increasing GOCO capital funding for acquiring high-priority wildlife habitat; and
- Increasing GOCO funding for education and youth programs and state trails program based on GOCO priorities

# Colorado Parks and Wildlife Fiscal Year 2024-25 Great Outdoors Colorado Investment Plan Outdoor Recreation Funds Summary Table #1: Comparison of GOCO Funds

FY 2023-24 to FY 2024-25

		FY 2023-24			FY 2024-25			
	Golfa	Post of the second of the seco	10.00	Goplia,	Program Operating	, vo <sup>r</sup> ,		
INVESTMENT REQUEST								
Establish and Improve State Parks								
Park Improvements	5,183,550	-	5,183,550	6,656,269	-	6,656,269		
Capital Development Program	-	1,010,749	1,010,749	-	1,010,749	1,010,749		
Recreational Management on State Parks	-	4,111,420	4,111,420	-	4,211,420	4,211,420		
Natural Resource Management Program	-	1,292,500	1,292,500	-	1,292,500	1,292,500		
Fuels Mitigation Management Program	100,000	-	100,000	-	-	-		
Invasive and Noxious Weed Management Program	-	266,726	266,726	-	225,530	225,530		
Director's Innovation Fund	-	75,000	75,000	-	75,000	75,000		
Subtotal	5,283,550	6,756,395	12,039,945	6,656,269	6,815,199	13,471,468		
Public Information and Environmental Education								
Public Information	-	296,000	296,000	-	296,000	296,000		
Volunteer Programs	-	189,459	189,459	-	73,040	73,040		
Environmental Education and Youth Programs	-	1,167,603	1,167,603	-	1,500,000	1,500,000		
Subtotal	-	1,653,062	1,653,062	-	1,869,040	1,869,040		
Trails and River Greenways								
State Trails Program	_	352,039	352,039	_	400,000	400,000		
Trails Grant Program	1,500,000	-	1,500,000	1,500,000	-	1,500,000		
Trails in State Parks	500,000	-	500,000	500,000	-	500,000		
Subtotal	2,000,000	352,039	2,352,039	2,000,000	400,000	2,400,000		
Water for Recreational Purposes								
Water Program	_	86,919	86,919	_	22,056	22,056		
Subtotal	-	86,919	86,919	-	22,056	22,056		
GRAND TOTAL	7,283,550	8,848,416	16,131,965	8,656,269	9,106,295	17,762,564		

#### Colorado Parks and Wildlife Fiscal Year 2024-25 Great Outdoors Colorado Investment Plan

# Table 2: Comparative Summary of Program Costs FY 2023-24 to FY 2024-25

Outdoor Recreation	FY 2023-24 Request			FY 2024-25 Request			
Grant Name	GOCO	CPW	Total	GOCO	CPW	Total	
Establish and Improve State Parks							
Park Improvements	5,183,550	13,513,086	18,696,636	6,656,269	13,782,581	20,438,850	
Capital Development Program	1,010,749	558,062	1,568,811	1,010,749	942,764	1,953,513	
Recreation Management on State Parks	4,111,420	10,821,805	14,933,225	4,211,420	11,233,590	15,445,010	
Natural Resource Management Program	1,292,500	868,855	2,161,355	1,292,500	952,846	2,245,346	
Fuels Mitigation Management Program	100,000	200,000	300,000	-	300,000	300,000	
Invasive and Noxious Weed Management Program	266,726	145,201	411,927	225,530	618,337	843,867	
Director's Innovation Fund	75,000	-	75,000	75,000	-	75,000	
Subtotal:	12,039,945	26,107,009	38,146,954	13,471,468	27,830,118	41,301,586	
Public Information and Environmental Education	<u> </u>	<u> </u>			<u> </u>		
Public Information Program	296,000	1,942,984	2,238,984	296,000	1,917,651	2,213,651	
Volunteer Program	189,459	93,690	283,149	73,040	170,286	243,326	
Environmental Education and Youth Programs	1,167,603	318,504	1,486,107	1,500,000	130,140	1,630,140	
Subtotal:	1,653,062	2,355,178	4,008,240	1,869,040	2,218,077	4,087,117	
Trails and River Greenways							
State Trails Program	352,039	77,962	430,001	400,000	57,708	457,708	
Trails Grant Program	1,500,000	3,024,453	4,524,453	1,500,000	5,620,916	7,120,916	
Trails in State Parks	500,000	1,386,438	1,886,438	500,000	1,000,000	1,500,000	
Subtotal:	2,352,039	4,488,853	6,840,892	2,400,000	6,678,624	9,078,624	
Water for Recreational Purposes	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			,,	-,,-	. ,	
Water Program	86,919	43,740	130,659	22,056	132,090	154,146	
Subtotal:	86,919	743,740	830,659	22,056	132,090	154,146	
Grand Total:	16,131,965	33,694,780	49,826,745	17,762,564	36,858,909	54,621,473	

Budget figures in the "CPW" column represent an estimate of the CPW contribution for projects where there is also GOCO funding, and are shown for informational purposes only.

#### Outdoor Recreation: Establish and Improve State Parks and Recreation

CPW uses GOCO funding to provide a quality state parks system and provide enjoyable and sustainable outdoor recreation that educates and inspires current and future generations to serve as active stewards of Colorado's natural resources. These outcomes align activities with the goals and objectives from CPW's and GOCO's strategic plans.

# Great Outdoors Colorado 2020 Strategic Plan:

- Secure our state's natural resources and provide places for people to connect to the outdoors.
- Work with conservation partners to identify and support important landscape, waterway
  and habitat protection priorities from urban and rural areas and respond to Coloradans'
  desire for increased access to the outdoors.
- Fund high-value, once-in-a-generation visions and projects that will create lasting impacts on the state and future generations.

#### Colorado Parks and Wildlife 2015 Strategic Plan:

- Goal II: Manage state parks for world-class outdoor recreation.
  - Objective A: Manage facilities and outdoor recreation amenities within state parks to provide positive experiences for Coloradans and visitors.
  - Objective B: Explore fiscally sound real estate opportunities for new or expanded state parks.
  - o Objective C: Market the special qualities of Colorado's state parks.
- Goal VI: Connect people to Colorado's outdoors.
  - Objective A: Broaden the access and variety of recreation opportunities available to Coloradans and visitors.
  - Objective B: Provide facilities, infrastructure, and access to support opportunities for premier outdoor recreation experiences.

Establish and Improve State Parks	Great Outdoors Colorado
	Funding FY 2024-25
Park Improvements	\$6,656,269
Capital Development Program	1,010,749
Recreational Management on State Parks	4,211,420
Natural Resource Management Program	1,292,500
Invasive and Noxious Weed Management Program	225,530
Director's Innovation Fund	75,000
Total:	\$13,471,468

# **Park Improvements**

FY 2024-25 Total Projected Budget: \$ 20,438,850

FY 2024-25 GOCO Funding Request: \$ 6,656,269 (capital)

#### **Description and Objectives:**

Colorado's state parks system is over 60 years old and requires continuous maintenance, restoration, and improvement of facilities and infrastructure. Maintaining and improving basic park facilities is an important part of sustaining a solid visitation base and generating the revenue necessary to cover the majority of day-to-day operating costs for the state park system. Infrastructure on state parks is designed to enhance the outdoor recreation experience of visitors.

Proposed FY 2024-25 capital projects include the following:

Chatfield State Park - Camper Services Building (Phase 1 of 4), \$2,842,000: Chatfield State Park offers boating, fishing, and camping and is one of the busiest Colorado state parks for outdoor recreation. This project will build a new ADA-accessible camper services buildings in Loop A, remove a satellite restroom, and build two new campsites. Future phases will build accessible camper services buildings in Loop B, C, and Group.

<u>Highline Lake State Park - Development of Highline West (Phase 2 of 3), \$3,000,000:</u> An oasis in the desert, Highline Lake provides recreation in the Grand Valley with two lakes, lush grass, trails, and trees. This project includes developing a new day-use area with a restroom building and paving the park entrance road. The new day-use area will double the capacity for park visitation.

<u>Fishers Peak State Park - Trail Design and Construction Expansion, \$1,000,000:</u> Fishers Peak State Park in Trinidad opened in fall 2020 and construction is guided by the master plan that was recently completed. The scope includes the design and construction of approximately five to six miles of new trails which will connect to existing trails. This project will add a large loop at the peregrine falcon closure point directing hikers west towards the trailhead parking lot, away from the protected area.

Lathrop State Park - Water System Upgrade, \$1,273,000: Colorado's first state park, Lathrop State Park is 1,460 acres of recreational enjoyment nestled in the shadow of the Spanish Peaks in Southern Colorado. The water system upgrade project involves hiring a consultant to assess the park's freshwater system and replace old equipment to address water quality issues. Replacing the pump and plumbing with modern equipment will help to prevent a pump failure and ensure visitors have access to clean water.

<u>Lory State Park - Vault Toilet Replacements, \$869,000:</u> Lory State Park provides recreation just minutes from Fort Collins and is adjacent to Horsetooth Reservoir. This project includes demolishing four vault toilets and replacing them with double vault toilets. Existing brick-and-mortar vault toilets are aging and outdated and need to be replaced.

Mueller State Park - Water System, Wastewater System Improvement and Evaluation, \$175,000: Mueller State Park visitors can enjoy year- round recreational opportunities. The scope of work for this project includes hiring a consultant to evaluate the existing water and wastewater systems and provide recommendations for required improvements to deliver

clean water and monitor water quality. The current potable water system, which includes six wells, is outdated and must be updated to support increased visitation.

Navajo State Park, Boat Ramp Repairs, \$802,000: Navajo State Park is a major recreational facility in southwest Colorado and the reservoir extends for 20 miles south into New Mexico. This project will include design and construction of boat ramp repairs. Low water levels have exposed severe damage to the boat ramp at Navajo State Park and creates a human health and safety hazard. Scope of project includes resurfacing of up to 300 feet of boat ramp with concrete overlay. A cofferdam may be required to extend below water line, depending on reservoir level and docks system may need to be temporarily disconnected and moved.

Navajo State Park, Employee Housing, \$1,202,000: The employee housing project includes demolishing existing structures and constructing two single-family dwellings at the park. The high cost of living and housing in southwest Colorado is a major hindrance to recruiting employees at the park. Having onsite employee housing will provide affordable housing options to newly hired employees assigned to Navajo State Park, help recruit employees for lateral transfer and promotional opportunities, and help retain employees by allowing them to save money to purchase their own homes and establish roots in the area. There is no available housing near the park, and CPW has struggled to recruit a Senior Ranger at this park as a result.

Ridgway State Park - Replace Composting Vault Toilets, \$439,000: Ridgway State Park's popular campgrounds, reservoir, picnic and playground areas, extensive trails, and diverse wildlife offer year-round activities for outdoor recreation. This project will replace 11 existing composting toilets with pumpable vault toilets. The existing composting toilets are not operating properly and require staff maintenance above available staffing levels. The CPW design staff will review the modified system to ensure code compliance and proper operation within the park.

Roxborough State Park - Vehicle and Equipment Storage Building (Phase 1 of 2), \$250,000: Roxborough State Park is just a short drive southwest of Denver and is filled with dramatic red-rock formations, distinct plant communities, and a variety of wildlife ranging from black bears to mule deer. The project includes the design and construction of a new maintenance facility and entrance/exit roadway, including the necessary water, sewer, electrical, and information technology infrastructure.

<u>State Parks Capital Projects Programmatic Contingency, \$1,238,850:</u> CPW calculates contingency on a per project basis, based on a number of factors including project scope, inflation, complexity, location, and potential for delays.

State Parks Dam Maintenance, \$300,000: CPW owns and operates 110 dams around the state, 17 of which are at state parks. Dams are like any other constructed infrastructure in that they slowly deteriorate over time due to use and exposure to the elements. Funding will be used for dam safety efforts, including regular maintenance and repair activities on CPW's parks dams. Deferred maintenance, aging infrastructure, required upkeep of water-impounding structures, and emergency work will involve costs that cannot always be quantified and identified in advance.

<u>Staunton State Park - Elk Falls Ranch Dam Rehabilitation Construction (Phase 2 of 2),</u> \$3,627,000: The Elk Falls Ranch Dam, a low-hazard dam in Staunton State Park, has multiple

dam safety deficiencies and requires repairs to restore safe operation of the structure. Phase I was recently completed to develop design alternatives and final design for the dam. This project is for the construction as designed to extend the dam's life, including spillway rehabilitation, including repair, partial replacement, or complete replacement; outlet works rehabilitation, including new pipe, gate, and operator; and new seepage mitigation measures. This project will also include construction oversight from the design engineer and applicable permit costs.

Sweetwater Lake - Design and Construction (Phase 1), \$2,977,000: A master plan process at Sweetwater Lake is underway. This project consists of designing and constructing new initial facilities at Sweetwater Lake and consultant support for bidding and construction management. The scope of work will be informed by the master planning process that is currently underway. Current amenities are unsuitable for public use.

Yampa River State Park - Seasonal Housing and Campsites, \$444,000: A 134 mile stretch of the Yampa River is the heart of Yampa River State Park. It has 13 access points stretching from Hayden to the Dinosaur National Monument near the Utah border. The scope of work includes site work, purchase and installation of a manufactured home (single wide trailer), and three campsites near the shop area to provide housing for seasonal employees. CPW is experiencing hiring challenges at Yampa River State Park; it could not fill summer seasonal positions and has remained understaffed for several seasons. This project aims to provide housing to recruit and retain the seasonal staff necessary to support visitation and provide required maintenance at the park.

# Capital Development Program

FY 2024-25 Total Projected Budget: \$ 1,953,513 FY 2024-25 GOCO Funding Request: \$ 1,010,749

# **Description and Objectives:**

The Capital Development Program grant supports ongoing operations of CPW's Capital Development program, including designing capital construction projects; developing and updating maintenance schedules for CPW's properties, roads, infrastructure, dams, and buildings; and performing asset condition assessment and updating the division's maintenance schedules. This grant encompasses work on a wide variety of park capital projects funded by several different funding sources including GOCO, Lottery, and federal funds.

#### **Primary Activities:**

- Secure and manage consultants and contractors
- Provide consulting, preliminary design, and cost estimates for proposed capital construction projects
- Conduct site surveys and field investigations
- Perform engineering design and analysis
- Research products, methods, and materials
- Calculate quantities and prepare engineering cost estimates
- Prepare engineered drawings and specifications

- Review projects
- Prepare permit applications
- Establish and implement design-related policies
- Continual condition assessment
- Identify maintenance projects
- Prioritize and filter maintenance projects and prepare justification for projects
- Long-range planning
- Budget requests
- Track and monitor planning, design, implementation, and evaluation of asset maintenance projects
- Conduct pre-bid and pre-construction meetings
- Submittal and shop drawing review
- Materials testing
- Construction surveying
- Construction inspection
- Prepare appropriate construction and contract documents
- Project scheduling
- Review, negotiate, and mediate claims

(CPW activity 8321, Capital Planning and Design P/OR and activity 8331, Construction Management P/OR)

# **Recreation Management on State Parks**

FY 2024-25 Total Projected Budget: \$15,445,010 FY 2024-25 GOCO Funding Request: \$4,211,420

# **Description and Objectives:**

GOCO's historic support for basic state park operations has been invaluable to CPW and has contributed to the enjoyment of millions of park visitors since the inception of the GOCO program. This funding has evolved over time from a series of park-specific grants that funded only some components of park operations to a single grant that funds nearly every aspect of day-to-day operations at the state parks. GOCO funding does not support law enforcement operations or equipment, and a few other park management activities.

The Recreation Management on State Parks activity is broad and encompasses most park operating work. Several other activity budgets also support park operations, including budgets for small capital projects, volunteer activities, environmental education, weed and forest management, and trail development.

#### Primary activities:

 Activities specifically and directly related to maintaining and managing recreational opportunities on state parks and state recreation areas including: camping, picnicking, hiking, biking, walking, horseback riding, sightseeing, hunting, boating, fishing, swimming, water sports, and other recreational activities

- Generally maintain properties to support park activities and promote park recreational opportunities that benefit park visitors
- Maintain signs, fences, roads, structures, wells, and other improvements
- Develop and maintain public facilities
- Provide utilities that support and promote park and outdoor recreation
- Improve and manipulate habitat
- Public health water management activities such as testing of drinking, waste, and swim beach water at state parks

(CPW activity 5350, Recreation on State Parks Management)

#### **Natural Resource Management Programs**

FY 2024-25 Total Projected Budget: \$ 2,245,346 FY 2024-25 GOCO Funding Request: \$ 1,292,500

#### Description and Objectives:

The CPW Natural Resource Management Programs exist to protect, preserve, restore, and enhance the natural, scenic, scientific, cultural, and outdoor recreation values of Colorado's public recreation areas. As described in more detail below, this program is comprised of five major activities:

- Develop plans and standards for state parks
- Manage state park natural resources
- Natural Areas Management
- Geographical Information System (GIS)
- Cultural Resource Management

The grant does not support invasive and noxious weed management, large-scale statewide fuels mitigation, or improvements to park administrative facilities. These activities are supported through specific grants within this investment proposal.

#### **Primary Activities:**

Develop plans and standards for state parks:

- Establish stewardship plans for each state park
- Develop management plans or re-development plans to provide an overarching framework that serves as a resource and guide for property-level management or development decisions
- Develop annual work plans based on established policies, stewardship, and master management plans

- Plan, lead, or assist with the public involvement associated with the development of property management or master plans
- Includes general parks-related plans and studies, for example economic impact of the state parks system, etc.

# Manage state park natural resources:

- Improve and maintain habitat and natural resources on state parks
- Individual tree management, including site specific effort to reduce risk of trees causing damage by falling on infrastructure or visitors
- Tree thinning, hazardous and dead tree removal at campgrounds and other areas requiring defensible space
- Various activities designed to combat the spread of pine beetle infestation, including spraying individual trees in selected locations and other activities
- Provide statewide forest health management and fuels mitigation including reducing risk of catastrophic wildfires, improving forest resiliency to insect and disease, and promoting biological diversity
- Evaluate and identify areas at-risk and plan additional projects for future years
- Overall effort to improve statewide forest health such as forest thinning or prescribed burn
- Provide interpretive materials containing education information about forests, wildfires, and forest insects
- Perform surveys of natural resources, e.g., bird and plant surveys
- Environmental and cultural reviews
- Conduct cultural and archaeological surveys
- Provide stewardship for cultural and archeological resources
- Re-vegetation and restoration efforts
- Payment of Impact Assistance Grants

#### Natural Areas Management:

- Administer the Colorado Natural Areas Council and the Colorado Natural Areas Program
- Identify, evaluate, and protect natural areas as defined by statute
- Develop, manage, and monitor a statewide system of designated natural areas

#### GIS:

- Provide data, data modeling, analysis, mapping, and other GIS services
- Maintain the existing data sets due to changes that occur over time
- Add new data regarding habitats, populations, natural resources, trails, and facilities
- Support agency personnel in working with county land use planners to understand the impacts of proposed developments on outdoor recreation and provide information for informed public participation in land use decisions as they relate to outdoor recreation
- Generate interactive maps on demand to the public through CPW's Internet site

(CPW activity 1481, Develop Plans and Standards for State Parks; activity 1491, Manage State Park Natural Resources P/OR; activity 1496, Natural Areas Management P/OR; and activity 8241. Geographic Information Systems P/OR)

#### Invasive and Noxious Weed Management Program

FY 2024-25 Total Projected Budget: \$ 843,867 FY 2024-25 GOCO Funding Request: \$ 225,530

#### **Description and Objectives:**

GOCO investments for mechanical and other vegetative management efforts are important funding for on-the-ground resource protection on state parks. Primary efforts include identifying non-native plant areas through mapping, monitoring, and other means; development of integrated weed management plans, including weed management priorities; selective application of herbicides, bio-controls, and weed agents; and restoration with native grasses, shrubs, and trees best suited for habitat improvements. A large portion of CPW's state parks program management efforts are cooperative, with local county weed control coordinators, county land use officials, the Colorado State Forest Service, the Department of Agriculture, and adjoining landowners playing an important role.

#### **Primary Activities:**

- Develop weed management plans for each state park
- Identify areas containing invasive and noxious weeds
- Landscaping and restoration projects on state parks to enhance, re-vegetate, or repair vegetation
- Contracting for professional services to conduct weed spraying, mapping, and planning for Colorado listed noxious weeds like Canada thistle, musk thistle, white top, knapweed, as well as other terrestrial and aquatic nuisance weed species
- Purchase of herbicides and applicators and other weed, re-vegetation, and tree management equipment for staff use at parks
- Certification and training for park staff on weed treatment
- Tamarisk and Russian Olive removal at water-based parks throughout the system

(CPW activity 1501, Invasive and Noxious Weed Management on State Parks P/OR)

#### Director's Innovation Fund (State Parks)

FY 2024-25 Total Projected Budget: \$ 75,000 FY 2024-25 GOCO Funding Request: \$ 75,000

# **Description and Objectives:**

The CPW Director's Innovation Fund allows CPW staff to apply for funding for unique, onetime projects and programs. This request represents the state parks purpose portion of the total requested grant.

# **Primary Activities:**

Activities will vary depending on the projects selected for awards by the CPW Director and the selection committee.

# Outdoor Recreation: Public Information and Environmental Education

CPW's Public Information and Environmental Education section supports programs and activities that educate and inform Colorado's residents and visitors about available outdoor activities and develop a new generation of wildlife advocates, park users, and outdoor enthusiasts. CPW aligns these activities with various strategic goals and objectives.

#### Great Outdoors Colorado 2020 Strategic Plan:

- Support projects and programs that help children and families get outside more often and experience all the benefits of doing so
- Invest in communication efforts designed to engage the public in outdoor stewardship, elevate understanding, promote action, and cultivate a stewardship ethic among Coloradans and its visitors.

# Colorado Parks and Wildlife 2015 Strategic Plan:

- Goal VI: Connect people to Colorado's outdoors
  - Objective A: Broaden the access and variety of recreation opportunities available to Coloradans and visitors.
  - o Objective C: Foster partnerships to enhance recreation opportunities.
  - Objective D: Promote the value of CPW's mission and services to expand awareness, grow CPW's volunteer network, and inspire stewardship.
  - Objective E: Become familiar with the needs, interests, and expectations of residents and visitors who are new to outdoor recreation.

Public Information and Environmental Education	Great Outdoors Colorado Funding FY 2024-25
Public Information Program	\$296,000
Volunteer Program	73,040
Environmental Education and Youth Programs	1,500,000
Total:	\$1,869,040

#### **Public Information**

FY 2024-25 Total Projected Budget: \$ 2,213,651 FY 2024-25 GOCO Funding Request: \$ 296,000

#### **Description and Objectives:**

The Public Information Program helps raise public awareness about Colorado's state parks. The objective of these activities is to increase Coloradans' knowledge beyond the one or two local state parks that are in their backyard, towards the many recreational activities and amenities that are available across the entire state park system. Awareness is the continued objective for the Public Information Program.

# **Primary Activities:**

- Establish annual publication priorities
- Establish product criteria including format, content, and bid specifications
- Design publications and videos
- Write and edit stories and scripts
- Plan and execute illustrations
- Take or buy photographs and video
- Edit videos
- Narrate scripts
- Distribute publications through the mail and customer service centers
- Identify key activities and issues and formulate strategies to effectively address these through the media
- Develop and maintain relations with the media
- Provide information to the media for print and electronic distribution that meet accepted professional criteria for timeliness, format, and interest
- Proactively encourage coverage on issues critical to CPW
- Respond to specific requests from the media regardless of distribution source
- Evaluate the effectiveness of media relations
- Develop and maintain agency presence and information on the Internet
- Develop and implement marketing and promotional strategies that effectively engage our customers in outdoor recreation
- Develop mail and distribution strategies
- Develop new products in response to customer demand
- Participate in recreational expos and staff booths with personnel and volunteers that educate and promote outdoor recreation
- Advise and assist state parks with special events, etc., as requested
- Conceptualize and implement promotional campaigns (spring reservations, holiday, etc.)
- Coordinating requests for speaking engagements, presentations, sponsorship requests, etc., from community groups
- Promoting community involvement and interest with potential visitors
- Assure availability of informational materials and products
- Support and promote Friends groups for state parks
- Provide informational materials to other agencies for distribution to the public in response to requests for information or assistance

Keep Colorado Wild (KCW) marketing and promotion activities

(CPW activity 7121, Produce Publications P/OR; activity 7131, Provide Information through the Media P/OR; and activity 7141, Marketing and Promotion P/OR)

#### **Volunteer Program**

FY 2024-25 Total Projected Budget: \$ 243,326 FY 2024-25 GOCO Funding Request: \$ 73,040

#### **Description and Objectives:**

The statewide volunteer program supports the achievement of quality outdoor recreation experiences and resource stewardship for present and future generations. The program provides an organized, efficient, well-guided, and cost-effective approach to managing a wide range of volunteer efforts in CPW. Cooperation and partnership between the public and private sector are enhanced and promoted through volunteer and community engagement. The promotion and cultivation of volunteerism plays a significant role in helping CPW meet its financial needs now and in the future. Activities supported under this grant are specific to state park activities and include direct recruitment, onboarding and training, supervision and support, and recognition and retention of volunteers at state parks.

The Volunteer Program has a statewide database that provides a management platform for all volunteers serving in a wide variety of roles across Colorado.

#### **Primary Activities:**

- Recruit, train, and retain skilled volunteers for state park activities
- Screen and place volunteers for projects and roles, based on location, skills, and interests
- Orient and train volunteers
- Provide adequate equipment and materials needed to complete projects and perform responsibilities successfully
- Manage volunteers and volunteer crews
- Recognize volunteers for their time, participation, and impact, which may include recognition items (pins, mugs, lunch bags) or awards (plagues and certificates)
- Provide miscellaneous reimbursement for costs related to volunteer activities required to complete projects (e.g., parking and mileage reimbursement, postage and printing, office supplies, uniforms, etc.)

(CPW activity 6261, Manage Volunteers P/OR)

#### **Environmental Education and Youth Programs**

FY 2024-25 Total Projected Budget: \$ 1,630,140 FY 2024-25 GOCO Funding Request: \$ 1,500,000

#### **Description and Objectives:**

Environmental Education. The Environmental Education Program supports a wide variety of activities to develop environmental education resources for state parks visitors. By providing learning opportunities for visitors of all ages, CPW hopes that people will walk away with a desire to engage in outdoor experiences on their own while creating a stronger bond with, understanding of, and sense of stewardship towards the ecosystems in which we all live. The Environmental Education Program works closely with state parks to provide educational resources and support since their many venues and facilities make ideal outdoor classrooms for connecting visitors to and educating school groups about nature's wonders.

Youth Programs. Colorado Parks and Wildlife is a strong proponent of providing outdoor education programs and opportunities for all ages. This proposal expands CPW's youth outreach programs by expanding and creating new opportunities that capture the attention of Colorado's youth. In addition to these components, CPW continues to support opportunities for Boy and Girl Scout groups, 4-H clubs, and school community service organizations. CPW is uniquely positioned to introduce Colorado's youth to the outdoors, expose them to potential natural resource careers, encourage more physical activity, and educate them about outdoor issues to foster environmental and natural resource stewardship.

Colorado Youth Corps Association. CPW uses youth corps crews at state parks for a variety of resource management and trail projects. In the past, projects have included trail re-routes and new trail development; fuel mitigation and other forest management work; vegetation management activities including Russian olive and tamarisk removal; fence removal, repair, and construction; and shoreline cleanup projects. This program support thus serves a dual role of improving conditions within the state parks while providing funding for CYCA and individual youth corps statewide.

Youth Internship Program. The purpose of the CPW Youth Internship Program is to prepare the next generation of natural resource professionals. This program is providing training and hands-on experience for youth interested in pursuing natural resource careers. The CPW Youth Internship Program Coordinator is responsible for statewide coordination of the program and prepares extensive training for the interns and CPW staff, monitors and recommends placement of interns equitably throughout CPW, documents activities, and identifies needs of the interns and CPW throughout the year. This program has the capacity to support approximately 55-80 interns throughout both parks and wildlife purposes and solicits youth between the ages of 16-24.

Activities supported under this grant are specific to state park activities and include intern selection, direct supervision, training, intern wages, and oversight of interns. There may be instances when an intern assigned to park activities has the opportunity to work with a wildlife program. These activities will still be funded within the parks purpose, as long as the activity is primarily for the benefit of the parks purpose.

# Schools and Outdoor Learning Environments.

The Schools and Outdoor Learning Environments (SOLE) program is designed to increase youth interest and participation in responsible recreation and conservation of the state's natural resources by supporting and enhancing existing standards aligned environmental and conservation education programs in Colorado schools. SOLE has grown exponentially since its inception in 2013 from supporting approximately 50 schools across the state with their 4th grade programs, to becoming the overarching formal education program from CPW supporting early childhood, Kindergarten - 12th grade, community college and university levels. Our goal is to connect with younger audiences to develop long lasting relationships that lead to awareness and behavioral changes. Formal education programming will directly connect to, and enhance the following to achieve our mission.

- Career recruitment and retention: By connecting with middle and high school students about career opportunities, we are able to inform students about the necessary educational trajectories to qualify for positions in our agency, and support them with the development of needed soft and hard skills to be successful in the work that we do.
- Stewardship and conservation: For future generations to become leaders in stewardship and conservation, we need to connect with them at an earlier age to establish meaningful relationships with the outdoors.
- **Economic Base:** Through building a solid knowledge base and awareness of recreation and wildlife management in our state, our future generations are more prepared to take on an active role as recreationists, voters and supporters.

# **Primary Activities:**

- Coordinate and recruit schools for participation in the SOLE
- Establish and coordinate field trips options, in-class programs and family nature night programs with SOLE participating schools and partners
- Coordinate and provide funding for transportation to field trip locations
- Provide funding to SOLE participating schools to promote and/or enhance outdoor learning classrooms
- Administer pre- and post- program surveys for reporting and program evaluation of the SOLE program
- Present to students in a classroom or field trip settings
- · Maintain and provide library materials and resource education kits for teachers
- Respond to requests for specific interpretive information
- Create and maintain an Internet home page about interpretive education
- Administer pre- and post-program surveys for reporting and program evaluation
- Offer guidance and support to state parks with their Community Connections Planning, and provide funds that help sustain and grow parks' education programs by covering costs for community outreach and marketing, printing, educational resources and other supplies
- Develop a menu of online curricula templates for state parks to select from and implement with their education programs

- Host booths at community or organization events or trade shows for parks and outdoor recreation only
- Develop and organize outdoor skills events that focus on parks and outdoor recreation
- Develop, implement, and manage outdoor education interpretive programs, survival clinics, and general orienteering
- Provide opportunities for experiential education to youth
- Contract and program management for youth corps
- Solicit, review, and select parks and outdoor-recreation-related work sites for youth corps
- Establish youth corps work standards
- Enhance/approve environmental education curriculum for use by youth corps
- Evaluate programs and recommend improvements for youth corps
- Coordinate work projects with cost center managers for youth corps
- Provide assistance, information, educational programs, and events to park visitors
- Develop self-directed interpretation hikes and experiences, discovery packs, trail brochures and maps, and interpretive signs and exhibits
- Educational "campfire" programs and Junior Ranger program materials and packets
- Classroom programs conducted for children of all ages
- Staff educational exhibits and information centers in park visitor centers
- Coordination and resources for volunteer naturalists providing programs for visitors
- Write newspaper columns, park newsletters, plant identification booklets, web page updates, hunting and fishing information packets
- Support "kids and families outdoors" initiatives and events
- Participate in local events that promote state park recreation activities
- Providing career booths at large venues (e.g., the International Sportsmen's Expo, Future Farmers of America events, Minorities in Agriculture, Natural Resources and Related Sciences and the Colorado State Fair);
- Sponsor Natural Resource Law Enforcement Career Fairs
- Respond to inquiries related to state parks and outdoor recreation careers
- Day to day oversight of interns assigned to state parks activities
- Training to enhance the knowledge and skills towards conserving, protecting, and promoting future stewardship of natural resources in state parks
- Develop and coordinate projects for interns related to state park activities
- Provide reimbursement for costs related to interns assigned to state park projects
- Provide adequate equipment and materials needed to complete projects and duties as required
- Attend college career fairs and job fairs throughout the state
- Expand career services and professional contacts with these institutions
- Provide regions with displays, photos, and recruitment materials
- Participate in events statewide, that promote and encourage Natural Resource careers
- Expand CPW's career page
- Develop working relationships with community groups who share the same goal of increasing diversity in natural resource agencies
- Develop and update career fair materials
- Respond to inquiries statewide
- Provide statewide training to enhance the knowledge and skills towards conserving, protecting, and promoting future stewardship of natural resources

- Provide reimbursement for costs related to the overall management of the CPW internship program
- Solicit and evaluate intern qualifications to build and retain interns for the CPW youth internship program
- Identify, create, and modify processes to quantify and tabulate the impact of the youth internship program and apply these processes throughout the program
- Prepare reports that evaluate the progress of the internship program
- Plan, design, implement, and evaluate trainings for CPW staff regarding the process and execution of the CPW internship program

(CPW activity 6120, Schools Outdoor Learning Environments; activity 6132, Support Education Programs in Schools P/OR; activity 6135, Public Education and Outreach P/OR; and activity 6221, Encourage Natural Resource Careers P/OR)

# Outdoor Recreation: Trails and River Greenways

Recreational trails are one of the most popular outdoor recreation amenities in Colorado. The 2019 Statewide Comprehensive Outdoor Recreation Plan (SCORP) identifies a very high level of demand for trail maintenance and development funding across all regions of the state. CPW aligns these activities with various strategic goals and objectives.

#### Great Outdoors Colorado 2020 Strategic Plan:

- Improve the state's natural and recreational resources.
- Build parks and trails that connect people with the outdoors and its many benefits.

#### Colorado Parks and Wildlife 2015 Strategic Plan:

- Goal VI: Connect people to Colorado's outdoors.
  - Objective A: Broaden the access and variety of recreation opportunities available to Coloradans and visitors.
  - Objective B: Provide facilities, infrastructure, and access to support opportunities for premier outdoor recreation experiences.

Trails and River Greenways	Great Outdoors Colorado Funding FY 2024-25
State Trails Program	\$400,000
Trails Grant Program	1,500,000
Trails in State Parks Program	500,000
Total:	\$2,400,000

# **State Trails Program**

FY 2024-25 Total Projected Budget: \$ 457,708 FY 2024-25 GOCO Funding Request: \$ 400,000

#### **Description and Objectives:**

The State Trails Program was established through the authority of the Recreational Trails System Act of 1971. The program's primary goal is to provide funds for recreational trails throughout the state. Trail use continues to be by far the most popular outdoor recreation activity in Colorado.

A variety of project sponsors are eligible to receive Trails Program capital funding, including towns, cities, counties, school districts, nonprofit groups, state and federal land-management agencies. Project sponsors are matched to appropriate funding sources to ensure compliance with federal, state, and GOCO eligibility requirements. CPW awards grants for trail planning, maintenance, construction, special projects, and trail equipment.

CPW provides technical assistance to communities, other agencies, land managers, and organizations devoted to trails, conservation, and open space. This assistance includes help with planning, coordination with other agencies, trail volunteers, organization building, funding and other resources, land development regulations, and trail maintenance and management. CPW acts as a clearinghouse for trails information in Colorado and must stay apprised of trail development projects and processes across the country. The grant sponsors workshops and conferences to bring trail advocates, community planners, and agency representatives together to learn new techniques and discuss trails issues. CPW staff also provides assistance in planning, publicity, and programs for regional workshops and statewide conferences.

#### **Primary Activities:**

- Administer sub-grant programs for trail planning, development, and maintenance projects
- Develop and maintain recreational trail and signing standards for Colorado, coordinate the development of these standards with federal land managers
- Promote, support, and work with volunteer organizations involved with recreation trails throughout Colorado
- Construct, repair, maintain, and renovate recreational trails
- Promote the development of regional trail connections throughout Colorado

(CPW activity 5363, Recreational Trails Management)

#### Trails Grant Program

FY 2024-25 Total Projected Budget: \$ 7,120,916

FY 2024-25 GOCO Funding Request: \$ 1,500,000 (capital)

#### **Description and Objectives:**

Colorado Parks and Wildlife will award this funding to trail management entities across Colorado for the construction of new trails, maintenance of existing trails, and planning for new trail development. Grant funds are awarded each year for individual projects selected by the State Trails Committee. This program has one grant cycle annually, with the recreation trails grant applications due each October.

Each project receives a composite score derived from an average of the scores awarded by peer reviewers, GOCO staff, and CPW staff.

Project rankings and summary descriptions are provided to the State Trails Committee. This committee and CPW staff consider reviewer evaluations, with a focus on the relative merits and overall qualities of projects, from a statewide perspective. The State Trails Committee presents its funding recommendations to the Parks and Wildlife Commission, who consider the recommendations and make the final decisions on grant awards.

CPW supports a wide variety of trail development and planning projects; these projects vary in scope from relatively short natural surface trails to longer concrete trails that require significant engineering and other technical expertise. Because of this variation, costs can vary significantly from project to project, and CPW cannot estimate with certainty how many total projects will be supported with this GOCO funding. Based on experience from previous trail grant cycles, CPW estimates that between 8-12 individual projects will be funded.

#### Trails in State Parks

FY 2024-25 Total Projected Budget: \$ 1,500,000

FY 2024-25 GOCO Funding Request: \$ 500,000 (capital)

#### **Description and Objectives:**

Colorado's state parks contain more than 700 miles of trails, many of which accommodate multiple uses including hiking, biking, and equestrian use. There are still many opportunities for new trails within the 225,000 acres that comprise the land base of the overall CPW State Parks system. Beginning in 2016, CPW and partners launched in the multi-year Statewide *Trails Strategic Plan* with the goal of maintaining the existing trail opportunities in our parks and constructing high priority trail segments that will serve the ever-increasing demand for new trail opportunities.

CPW staff continue to incorporate changes into GIS regarding existing and new trails within the parks, including an assessment of their condition as well as identifying possible locations for new trails. CPW has completed a comprehensive effort to accurately map all designated trails in every state park that features trails maintained for public access and use. The interactive format enables a person to track and determine their exact location on any of the trails mapped using a smart phone or tablet with GPS capabilities.

CPW leadership will prioritize the trail maintenance and development projects that will be supported during FY 2024-25. Upon approval, CPW will share this information with GOCO staff as part of the Trails in State Parks program.

# **Outdoor Recreation: Water for Recreational Purposes**

CPW uses GOCO funding to support water conservation, leasing, purchasing, and constructing water storage for outdoor recreation to ensure that CPW state parks and other properties are managed sustainably for the long-term benefit of Colorado citizens and visitors. CPW aligns these activities with various strategic goals and objectives.

# Great Outdoors Colorado 2020 Strategic Plan:

• Protect priority landscapes, waterways, and habitats across the state.

# Colorado Parks and Wildlife 2015 Strategic Plan:

- Goal I: Conserve wildlife and habitat to ensure healthy sustainable populations and ecosystems.
  - Objective D: Protect and enhance water resources for fish and wildlife populations.
- Goal II: Manage state parks for world-class outdoor recreation.
  - Objective B: Explore fiscally sound real estate opportunities for new and expanded state parks.

Water for Recreational Purpose	Great Outdoors Colorado Funding FY 2024-25
Water Program	\$22,056
Total:	\$22,056

#### Water Program

FY 2024-25 Total Projected Budget: \$ 154,146 FY 2024-25 GOCO Funding Request: \$ 22,056

#### **Description and Objectives:**

The CPW Water Program manages the agency's various water resources activities including assessing and adjudicating water rights, developing stream and reservoir operations, and developing and protecting groundwater assets. This grant allows CPW to provide technical, legal, and water policy expertise necessary to protect and expand CPW's interests in all aspects of water resources management. The Attorney General's office also provides additional legal assistance. Management of the program also includes supervising CPW's water court actions, management of groundwater and well permitting, assessing water markets to acquire water for individual parks when necessary, and coordinating with federal, state, and local user groups to maximize the state's water supplies for recreational benefits.

GOCO funds enable CPW to secure water supplies for a variety of state parks that experience inadequate water for drinking and sanitary, landscape irrigation, and recreational uses. This is accomplished in a number of ways, including water purchases and leases, innovative cooperative water management plans with larger water providers, and leasing, purchasing, or constructing water storage in reservoirs to store water for later uses.

# **Primary Activities:**

- Maintain records of all transactions of real property in systematic, legally defensible, and readily retrievable fashion
- Administer appraisals of water rights
- Research, defend, maintain, file for, change, or acquire water rights
- Attend water court hearings, respond to user's actions, and draft water court applications
- Maintain records of water use in state parks
- Monitor minimum or conservation pools in reservoirs where the state has an interest
- Participate in multi-agency water management dialogues to ensure water needs for parks and outdoor recreation are addressed
- Manage water rights and engineering analysis of water
- Perform due diligence and other legal work to secure water
- Coordinate and negotiate appropriate mitigation and enhancement measures for federally permitted water projects with other cooperating agencies and ensure compliance with NEPA and other federal permitting guidelines and timetables as well as timeliness, adequacy, compliance of all mitigation obligations necessary to meet federal requirements
- Purchase or maintenance of specialized equipment needed to manage water obligations

(CPW activity 1351, Secure and Manage Water P/OR)

# Colorado Parks and Wildlife Fiscal Year 2024-25 Great Outdoors Colorado Investment Plan Wildlife Funds

Summary Table #1: Comparison of GOCO Funds FY 2023-24 to FY 2024-25

	FY 2023-24				FY 2024-25		
	Copiles!	Postan Operating	,0°4,	(Splita)	Program Operating	,0°a,/	
INVESTMENT REQUEST							
Habitat Management							
Acquire High Priority Habitat	-	519,659	519,659	4,012,288	450,884	4,463,172	
Enhance Habitat on Lands and Water	-	1,000,000	1,000,000	-	1,000,000	1,000,000	
Wetlands Conservation	1,100,000	-	1,100,000	1,100,000	-	1,100,000	
GIS Habitat Information	-	464,419	464,419	-	410,186	410,186	
Director's Innovation Fund	-	75,000	75,000	-	75,000	75,000	
Subtotal	1,100,000	2,059,078	3,159,078	5,112,288	1,936,070	7,048,358	
Wildlife Heritage							
Threatened, Endangered, and Native Species Conservation	-	4,740,346	4,740,346	-	4,740,346	4,740,346	
Propagation of Aquatic Species at Risk	-	488,129	488,129	-	488,129	488,129	
Subtotal	-	5,228,475	5,228,475	-	5,228,475	5,228,475	
Wildlife Education and Environment							
Education and Volunteer Programs	-	400,183	400,183	-	400,183	400,183	
Youth Programs	-	918,637	918,637	-	918,637	918,637	
Angler Education	-	161,000	161,000	-	161,000	161,000	
Subtotal	-	1,479,820	1,479,820	-	1,479,820	1,479,820	
Wildlife Viewing							
Wildlife Viewing	-	144,899	144,899	-	144,899	144,899	
Subtotal	-	144,899	144,899	-	144,899	144,899	
GRAND TOTAL	1,100,000	8,912,272	10,012,272	5,112,288	8,789,264	13,901,552	

#### Colorado Parks and Wildlife Fiscal Year 2024-25 Great Outdoors Colorado Investment Plan

#### Table 2: Comparative Summary of Program Costs FY 2023-24 to FY 2024-25

Wildlife	FY 2023-24 Request			FY 2024-25 Request		
Grant Name	GOCO	CPW	Total	GOCO	CPW	Total
Habitat Management						
Acquire High Priority Habitat	519,659	11,685,354	12,205,013	4,463,172	7,005,871	11,469,043
Enhance Habitat on Lands and Waters	1,000,000	2,413,574	3,413,574	1,000,000	1,690,673	2,690,673
Wetlands Conservation	1,100,000	400,000	1,500,000	1,100,000	400,000	1,500,000
GIS Habitat Information	464,419	596,188	1,060,607	410,186	691,058	1,101,244
Director's Innovation Fund	75,000	-	75,000	75,000	-	75,000
Subtotal:	3,159,078	15,095,116	18,254,194	7,048,358	9,787,602	16,835,960
Wildlife Heritage						
Threatened, Endangered, and Native Species Conservation	4,740,346	1,833,054	6,573,400	4,740,346	2,300,219	7,040,565
Propagation of Aquatic Species at Risk	488,129	1,152,457	1,640,586	488,129	1,284,703	1,772,832
Subtotal:	5,228,475	2,985,511	8,213,986	5,228,475	3,584,922	8,813,397
Wildlife Education and Environment						
Education and Volunteer Programs	400,183	132,508	532,691	400,183	244,772	644,955
Youth Programs	918,637	433,779	1,352,416	918,637	594,812	1,513,449
Angler Education	161,000	259,487	420,487	161,000	214,269	375,269
Subtotal:	1,479,820	825,774	2,305,594	1,479,820	1,053,853	2,533,673
Wildlife Viewing						
Wildlife Viewing	144,899	128,832	273,731	144,899	122,569	267,468
Subtotal:	144,899	128,832	273,731	144,899	122,569	267,468
Grand Total:	10,012,272	19,035,233	29,047,505	13,901,552	14,548,946	28,450,498

Budget figures in the "CPW" column represent an estimate of the CPW contribution for projects where there is also GOCO funding, and are shown for informational purposes only.

#### Wildlife: Habitat Management

Colorado Parks and Wildlife continues to demonstrate leadership in habitat protection and natural resource stewardship not only within our state parks and wildlife areas, but also in concert with our private landowner and public land management partners. These efforts will better protect and enhance Colorado's natural values while also providing a wide range of sustainable recreational opportunities. CPW aligns these objectives with GOCO's strategic plan goals.

# Great Outdoors Colorado 2020 Strategic Plan:

- Safeguard essential wildlife habitat.
- Invest in significant habitat restoration and stewardship efforts across the state to meet an increasing demand on wildlife resources.

#### Colorado Parks and Wildlife 2015 Strategic Plan:

- Goal I: Conserve wildlife and habitat to ensure healthy sustainable populations and ecosystems.
  - o Objective B: Preserve and enhance diverse habitat.

Activities funded under the Habitat Management section allow CPW to identify and map important wildlife habitat areas across the state; delineate priority habitat protection areas; implement habitat protection and enhancement efforts built on partnerships with landowners, land trusts, and conservation organizations; support monitoring and management of new and existing properties and easements; and protect wetland resources across the state.

Successful habitat management efforts may prevent the listing of species under the federal Endangered Species Act through the protection of important habitats. Migration corridors and winter range are maintained, providing support that is crucial to the health of Colorado's big game resources. Migratory birds and waterfowl benefit from protection and enhancement of wetland areas. Public angling access to mountain streams and rivers is provided. Wildlife viewers have expanded opportunities to enjoy Colorado's abundant wildlife resources. Additionally, more accurate and detailed habitat and land mapping leads to better-informed land use decisions, more effective species recovery plans, and easier public access to public lands.

Habitat Management	Great Outdoors Colorado Funding FY 2024-25
Acquire High Priority Habitat	\$4,463,172
Enhance Habitat on Lands and Water	1,000,000
Wetlands Conservation	1,100,000
GIS Habitat Information	410,186
Director's Innovation Fund	75,000
Total:	\$7,048,358

# **Acquire High Priority Habitat**

FY 2024-25 Total Projected Budget: \$ 11,469,043 FY 2024-25 GOCO Funding Request: \$ 4,463,172

#### **Description and Objectives:**

The loss of important wildlife habitat is a primary cause for the decline of many wildlife species and outdoor recreational opportunities in Colorado. As ranches and natural areas are developed or converted to new uses, wildlife habitat can become degraded, destroyed, and fragmented. Habitat conversion and loss also reduces opportunities for hunting, fishing, and wildlife viewing.

Since 2002, joint initiatives between CPW and GOCO have protected more than hundreds of thousands of acres of wildlife habitat and recreational opportunities across the state. Priorities for this initiative will be guided by Colorado's Wildlife Action Plan, CPW's 2015 Strategic Plan, and specific funding sources.

Program priorities during FY 2024-25 include:

- 1. Acquisition of conservation easements, fee title, and permanent easements for habitat protection and public access to provide opportunities for hunting, fishing, and wildlife viewing.
- 2. Review and rank real estate proposals received in response to a Request for Proposals. As required by statute, conservation easements are the preferred option in acquisitions. However, CPW will consider fee title acquisitions for properties that are interior or adjacent to SWAs, to provide a more manageable boundary or improved public access, or to enhance management of habitat and wildlife-related recreation.
- 3. Closing on real estate acquisitions negotiated in response to previous years' RFPs, protecting wildlife habitat.

# **Primary Activities:**

- Acquire and dispose of legal interests in real property (lands)
- Gather information on and evaluate potential acquisition candidates
- Contact and negotiate with prospective sellers
- Work with counties and local governments on proposed acquisitions
- Work with Capital Development Committee and members of the General Assembly on proposed acquisitions
- Administer appraisals and boundary surveys
- File real estate actions
- Develop guidelines and criteria for property management agreements (which are central to landowner incentive programs)
- Negotiate with and enroll landowners in landowner incentive programs
- Participation in multi-agency partnerships to improve wildlife habitat

(CPW activity 1320, Acquire Land and Habitat H/F/W)

#### Enhance Habitat on Lands and Water

FY 2024-25 Total Projected Budget: \$ 2,690,673 FY 2024-25 GOCO Funding Request: \$ 1,000,000

#### **Description and Objectives:**

This program includes habitat conservation on private and public lands. Wildlife habitats on private and public lands are vital to the maintenance and enhancement of wildlife species in Colorado. More than 60 percent of the land in Colorado is held in private ownership; in eastern Colorado more than 80 percent is privately owned. The conversion of wildlife habitat through urbanization and other uses continues to be a major threat to native wildlife species.

Land Program. CPW's land program initiates, coordinates, negotiates, and implements conservation, research, and habitat projects for priority game and at-risk species, including prairie grassland species. The program draws on resources from private conservation, hunters and anglers, and agricultural organizations, along with major support from Farm Bill conservation. This program delivered more than \$3.5 million for wildlife habitat projects and leveraged program funds nearly 12:1 to enhance wildlife on private lands through the conservation title of the Farm Bill by educating private landowners on funding availability and eligibility requirements.

# Primary Activities:

- Coordinate landscape level habitat planning efforts and habitat project planning
- Develop and implement habitat objectives and management plans
- Plan, coordinate, and facilitate the statewide implementation of habitat protection, improvement, and restoration projects for wildlife habitat
- Provide oversight of project implementation
- Determine and monitor the distribution, status and trends for biomes in Colorado
- Identification and formation of strategies to implement conservation actions in vegetation communities for the benefit of wildlife; conduct research to inform conservation actions and strategies
- Work collaboratively with conservation partners to form habitat management and projection partnerships at the federal, state, and local levels
- Coordinate, initiate, plan and implement cooperative habitat improvement projects
- Provide expertise in manipulating vegetation communities to land managers across the state
- Work related to the seed warehouse, including but not limited to oversight of shipping, receiving, inventory of seed being stored at the facility and operations and maintenance of the facility
- Native plant development efforts, including but not limited to representing CPW on native seed development efforts
- Provide comments to other agencies on activities impacting wildlife habitats, including comments on current or proposed regulations, Environmental Impact Statements, Environmental Assessments; BLM/USFS Resource Management Plans; Corps of Engineers' 404 permits, 201, 208, and 401 regulations, Mined Land Reclamation projects, SB 40 projects, and State Land Board leasing

- Influence and contribute towards wildlife habitat improvements on public and private lands and waters through cooperative and or voluntary programs
- Development and Implementation of the Big Game Policy Report

(CPW activity 1210, Habitat Management, Conservation and Protection)

# **Wetlands Conservation**

FY 2024-25 GOCO Funding Request: \$ 1,500,000 \$ 1.100.000 \$ 1,100,000 (capital)

#### **Description and Objectives:**

The CPW Wetlands Program's main objective is to conserve wetland and riparian habitats and their ecological functions by planning and delivering conservation actions on a landscape scale. Through these coordinated efforts, CPW and its partners will ensure that Colorado's wetland and riparian habitat is sufficient to support self-sustaining populations of desired wildlife species. Wetlands and riparian areas make up less than two percent of Colorado's land but provide benefits to more than 75 percent of the species in the state.

Major goals of the program are to improve the status of declining or at-risk species and to improve the abundance and distribution of ducks and opportunities for waterfowl hunting. The program funds wetland enhancement and restoration projects, conducts strategic planning to prioritize habitat conservation investments, facilitates partnerships, supports local Focus Area Committees, conducts education and outreach on wetlands conservation, and monitors and evaluates wetland projects. In cooperation with partner organizations and landowners, the Wetlands Program has protected, restored, or enhanced more than 300,000 acres of wetlands and adjacent habitats.

In FY 2024-25, CPW may continue to fund a limited number of shallow wetland development projects that benefit primarily Tier 1 duck species and other wildlife, but where hunting is not allowed. This includes urban or community wetland projects on city or county open space properties. These projects will emphasize educating the public on the value of wetlands for wildlife and other ecosystem services, equitable access, and benefitting traditionally underserved constituents.

#### **Primary Activities:**

- Provide project-related expertise, which includes ecology, species biology, and water
- Conduct project monitoring and evaluation
- Funding of wetland creation, enhancement, and restoration projects

(CPW activity 1436, Wetlands Conservation)

### **GIS Habitat Information**

FY 2024-25 Total Projected Budget: \$ 1,101,244 FY 2024-25 GOCO Funding Request: \$ 410,186

## **Description and Objectives:**

The Geographic Information System (GIS) unit compiles wildlife data into formats that are more useable by wildlife researchers and biologists and are more understandable by the public. GIS documents and analyses have been particularly important to CPW biologists assessing the impact of energy development across Colorado. Other GIS products have facilitated public access to state wildlife areas and supported CPW land use.

### **Primary Activities:**

- Provide data, data modeling, analysis, mapping, and other GIS services for the CPW
- Maintain the existing data sets due to changes that occur over time
- Add new data on wildlife habitats, populations, natural resources, trails, and facilities
- Support CPW personnel in working with county land use planners to understand the impacts of proposed developments on wildlife and provide information for informed public participation in land use decisions as they relate to wildlife
- Generate interactive maps on demand to the public especially through CPW's Internet site

(CPW activity 8240, GIS H/F/W)

## Director's Innovation Fund (Wildlife)

FY 2024-25 Total Projected Budget: \$ 75,000 FY 2024-25 GOCO Funding Request: \$ 75,000

### **Description and Objectives:**

The CPW Director's Innovation Fund allows CPW staff to apply for funding for unique, one-time projects and programs. This request represents the wildlife purpose portion of the total requested grant.

#### **Primary Activities:**

Activities will vary depending on the projects selected for awards by the CPW Director and the selection committee.

## Wildlife: Wildlife Heritage

GOCO funding supports work to minimize the need for federal listings under the Endangered Species Act (ESA). These efforts require CPW to utilize the best science, employ models for efficient and effective resource planning, and conduct sound research to adequately protect and conserve Colorado's fish and wildlife populations.

## Great Outdoors Colorado 2020 Strategic Plan:

Conserving land and protecting rivers for people and wildlife

### Colorado Parks and Wildlife 2015 Strategic Plan:

- Goal I: Conserve wildlife and habitat to ensure healthy sustainable populations and ecosystems.
  - Objective C: Manage and monitor species of greatest conservation need while working with partners to maintain viable populations.
  - Objective E: Conduct research and monitoring to inform management decisions.
- Goal V: Increase awareness and trust for CPW.
  - Objective C: Increase public awareness about the importance of wildlife management.
- Goal VI: Connect people to the Colorado's outdoors.
  - Objective D: Promote the value of CPW's mission and services to expand awareness, grow CPW's volunteer network, and inspire stewardship

Colorado is home to more than 900 wildlife species. The Colorado Wildlife Action Plan identified 210 of those species as being in "Greatest Conservation Need." Activities funded under the three species protection grants allow CPW to monitor a wide range of wildlife populations in the state, assess population trends, determine distribution patterns, identify limiting factors, develop conservation or recovery plans, and work with other state, federal and local agencies, and private landowners on implementing recovery plans.

Programs and projects in support of species conservation are vital to Colorado's efforts to avert threatened or endangered listings under the federal Endangered Species Act. Success in meeting recovery plan goals or in proactive actions on declining species are crucial to retain wildlife management authority at the state level, allowing water projects to move forward, and preventing potentially costly and burdensome federal actions.

Wildlife Heritage	Great Outdoors Colorado Funding FY 2024-25
Threatened, Endangered, and Native Species Conservation	\$4,740,346
Propagation of Aquatic Species At Risk	488,129
Total:	\$5,228,475

## Threatened, Endangered, and Native Species Conservation

FY 2024-25 Total Projected Budget: \$ 7,040,565 FY 2024-25 GOCO Funding Request: \$ 4,740,346

## **Description and Objectives:**

Activities performed within this program are focused on the goal of re-establishing and securing self-sustaining populations to prevent or remove the need to list as federally threatened or endangered and to support the de-listing of species within Colorado. Activities include species reintroductions/translocations, habitat enhancement and protection, research on factors affecting demographic parameters and habitat selection, mitigation of impacts to species and their habitats, and other activities as required to reach program goals. These activities are conducted by CPW and in partnership with federal land and wildlife management agencies, state and local governments, non-governmental organizations, and private landowners.

The activities performed within the program also support the protection, restoration, and enhancement of self-sustaining native species populations in Colorado. Activities conducted to benefit species may include, but are not limited to, conducting surveys and monitoring to determine status of species, developing conservation or recovery plans, monitoring populations for potential diseases, and investigating reproductive success and survival of individuals.

This funding will support a number of different projects and species. CPW will expand the management of cutthroat trout populations; continue monitoring and habitat assessments for alpine-obligate species; and implement additional bat monitoring activities, particularly since the detection in Colorado of the fungus that causes the disease White-nose Syndrome in 2022. CPW will also initiate an ongoing program to help prevent prairie dog colonies from "plaguing out" - essentially being wiped out by disease. Supporting prairie dog populations also supports species that rely heavily or entirely on prairie dogs for food, including the black-footed ferret.

Listed below are potential species that benefit from these activities throughout the year:

- Bald Eagle
- Black-footed Ferret
- Canada Lynx
- Piping Plover
- Greenback Cutthroat Trout
- Preble's Meadow Jumping Mouse
- New Mexico Meadow Jumping Mouse
- Colorado River Threatened and Endangered Fish
- Southwestern Willow Flycatcher
- Mexican Spotted Owl
- Gunnison Sage-grouse
- Western Yellow-billed Cuckoo
- Least Tern

- Lesser Prairie-chicken
- Black Rail
- River Otter
- Gunnison's Prairie Dog
- Boreal Toad
- Mountain Plover
- Black-tailed Prairie Dog
- White-tailed Prairie Dog
- Columbian Sharp-tailed Grouse
- Peregrine Falcon
- Plains Sharp-tailed Grouse
- Greater Sage-grouse
- Bats
- White-tailed Ptarmigan
- Colorado River Cutthroat Trout
- Native Fish within Colorado's tributaries
- Brown-capped Rosy Finch
- Burrowing Owl

## **Primary Activities:**

- Provide survey results and other data to the U.S. Fish and Wildlife Service in response to requests for data as part of the ESA species assessment and listing process
- Identify, secure, and enhance habitat that meets the species' requirements
- Develop and implement recovery plans for species that are listed or candidates for listing under the ESA
- Reclaim streams, monitor, and research stream flows
- Stock, transplant, establish, and monitor the health, breeding, and migration patterns of populations to provide early detection of potential problems within a species
- Initiate cooperative agreements with private landowners regarding prevention of nonnative species introductions
- Provide nesting alternatives as required by species
- Conduct research and monitor populations and productivity among reintroduced species
- Review and conduct statewide habitat assessments
- Construct fish passage structures
- Conduct multi-year surveys and monitor populations and habitats of species that are listed or candidates for listing under the ESA
- Update and analyze data and findings for incorporation into reports and studies that detail activities performed and how the results impact the species. This research information will be vital for decisions made by federal and state agencies in the determination to list or de-list a species
- Conduct extensive baseline surveys to determine occurrence, distribution, and relative abundance of species
- Protect and manage habitats of species that are listed or candidates for listing under the ESA and conduct research to improve knowledge of their species-habitat relationships

- Develop and implement recovery and conservation management plans and goals within CPW and external conservation stakeholders
- Implement and update the Colorado Wildlife Action Plan to address declining wildlife species recovery and conservation objectives
- Develop and implement basin management plans
- Propagate and augment depleted species stock
- Develop and implement inventory protocols to be used throughout the state
- Facilitate design and implementation of a long-term monitoring and evaluation system that measures population trends
- Survey historic and potential suitable habitats for new population introduction
- Monitor breeding populations annually
- Identify and evaluate limiting factors to species survival
- Research to better define suitable habitat and overall biology and ecology of species
- Develop and test techniques and protocols for captive breeding and rearing of species
- Experimental reintroduction of species to vacant historic habitat
- Increase public awareness of the efforts utilized to sustain native species populations
- Translocation of species
- Protect species and their habitat via coordination with land management agencies
- Work with local land use planners and developers to avoid or minimize potential impacts of private land development on species and their habitat
- Develop and finalize recovery goals and criteria
- Resolve genetic questions for broodstock development and stocking
- Conduct research into population dynamics and population genetics
- Protect and reclaim suitable river and stream habitats
- Evaluate stocking into new habitats
- Habitat restoration through riparian, stream channel, water quality, and hydrological considerations
- Monitor health of wild populations
   Other activities as listed in the CPW Activity Dictionary for the activity codes listed below
- Other activities as listed in the CPW Activity Dictionary for the activity codes listed below

(CPW activity 1560, Inventory Native Terrestrial Species; activity 1638, Species Conservation Planning and Coordination; activity 1641, Reptile and Amphibian Conservation; activity 1642, Mollusks and Crustaceans Conservation; activity 1643, Boreal Toad Conservation; activity 1644, Eastern Plains Fish Recovery; activity 1645, Colorado River Native Species Conservation; activity 1646, Arkansas River Native Species Conservation; activity 1647, South Platte River Species Conservation; activity 1648, Rio Grande River Species Conservation; activity 1649, Republican River Species Conservation; activity 1650, Black-tailed Prairie Dog; activity 1651, Gunnison Prairie Dog; activity 1652, White-tailed Prairie Dog; activity 1656, Columbian Sharp-tailed Grouse; activity 1657, Plains Sharp-tailed Grouse; activity 1658, Lesser Prairie Chicken; activity 1659, Gunnison Sage-grouse Conservation; activity 1662, Preble's Meadow Jumping Mouse; activity 1663, Terrestrial SSC/SAR Conservation; activity 1664, Wolverine Conservation; activity 1665, Mountain Plover Conservation; activity 1666, River Otter Conservation; activity 1670, Lynx Conservation; activity 1680, Bird Conservation; activity 1686, Small Mammal Conservation: activity 1810, Greenback Cutthroat Trout Recovery; activity 1820, Upper Colorado River Fish; activity 1830, SW Willow Flycatcher Recovery; activity 1841, Least Tern; activity

1842, Piping Plover; activity 1850; Peregrine Falcon Recovery; activity 1860, Bald Eagle Recovery; activity 1870, Mexican Spotted Owl Recovery; activity 1880, Black-footed Ferret Recovery)

# Propagation of Aquatic Species at Risk

FY 2024-25 Total Projected Budget: \$ 1,772,832 FY 2024-25 GOCO Funding Request: \$ 488,129

## **Description and Objectives:**

The prime purpose of the Native Aquatic Species Propagation Program is to collect eggs, produce and rear progeny, and stock a wide array of native aquatic species every year. These efforts are crucial to allow CPW to maintain and enhance existing species populations, reintroduce them in new areas where suitable habitat exists, prevent listings under the ESA, and meet recovery goal objectives.

## **Primary Activities:**

- Obtain genetically appropriate brood stocks
- Captive rearing to obtain viable numbers for population re-establishment
- Stock species into suitable habitats to re-establish viable, sustainable wild populations
- Operation and maintenance of Native Aquatic Species Rearing Facility
- Includes work at other state fish hatcheries involved in the rearing of state and federal listed and Species of Special Concern (SSC)/Species at Risk (SAR) native aquatic species

(CPW activity 1570, Produce and Distribute Native Aquatic SSC/SAR)

## Wildlife: Wildlife Education and Environment

The wildlife education and environment grants support outreach to Colorado citizens to educate, expand volunteer members, and promote natural resource stewardship. These programs are supported through these strategic goals and objectives:

## Great Outdoors Colorado 2020 Strategic Plan:

- Partner with communities to break down barriers to the outdoors.
- Support projects and programs that help children and families get outside more often and experience all the benefits of doing so.

### Colorado Parks and Wildlife 2015 Strategic Plan:

- Goal I: Conserve wildlife and habitat to ensure healthy sustainable populations and ecosystems.
  - Objective A: Manage sustainable populations of game and nongame species to support fishing, hunting, trapping, and wildlife viewing opportunities.
- Goal VI: Connect people to Colorado's outdoors.
  - Objective A: Broaden the access and variety of recreation opportunities available to Coloradans and visitors.
  - Objective B: Provide facilities, infrastructure, and access to support opportunities for premier outdoor recreation opportunities.
  - Objective D: Promote the value of CPW's mission services to expand awareness, grow CPW's volunteer network, and inspire stewardship.
  - Objective E: Become familiar with the needs, interests, and expectations of residents and visitors who are new to outdoor recreation.

Activities funded under the wildlife education and environment grants allow CPW to introduce children, youth, adults, and families to wildlife through programs such as fishing clinics, and educator trainings. The program also provides opportunities for partners to connect their audiences to wildlife using CPW materials, equipment, and expertise. These activities build awareness and understanding of wildlife and wildlife management, helping to meet the long-term vision of creating future stewards of the land and wildlife.

Wildlife Education and Environment	Great Outdoors Colorado Funding FY 2024-25
Education and Volunteer Programs	\$400,183
Youth Programs	918,637
Angler Education	161,000
Total:	\$1,479,820

# **Education and Volunteer Programs**

FY 2024-25 Total Projected Budget: \$ 644,955 FY 2024-25 GOCO Funding Request: \$ 400,183

### **Description and Objectives:**

The statewide volunteer program supports the achievement of quality outdoor recreation experiences and resource stewardship for present and future generations. The program provides an organized, efficient, well-guided, and cost-effective approach to managing a wide range of volunteer efforts in CPW. Cooperation and partnership between the public and private sector are enhanced and promoted through volunteer and community engagement. The promotion and cultivation of volunteerism plays a key role in helping CPW meet its financial needs now and in the future. Engaging volunteers and providing them with the tools to volunteer effectively with CPW leadership support ensures success. The volunteer program has a statewide database that provides a management platform for all volunteers serving in a wide variety of roles across Colorado.

In addition to volunteer activities, CPW operates a variety of services that provide the best available resources, training, and support to pre-K through college educators. With training from CPW, educators can reach many more students than CPW employees alone. Outcomes include a Colorado citizenry knowledgeable about wildlife, wildlife management, and outdoor recreation. This program invests in efforts that provide educators the knowledge and training so that in their classrooms they can create future stewards who will make informed decisions about wildlife and their environment. Funding supports efforts to work with partners to create wildlife education and professional development opportunities across the state.

### **Primary Activities:**

- Recruit and retain skilled volunteers for wildlife related activities
- Screen and place volunteers for projects and roles based on location, skills, and interests of volunteers and complexity of the project
- Orient and train volunteers for wildlife management, conservation, and outdoor recreational projects and needs
- Provide adequate equipment, materials, communication, and support needed to complete projects and perform responsibilities successfully
- Manage volunteers and volunteer crews
- Recognize volunteers for their time, participation, and impact, which may include recognition items (pins, mugs, lunch bags) or awards (plaques and certificates)
- Develop, evaluate, and implement education standards and incorporate those standards into the education program
- Provide wildlife curriculum and training to educators to promote wildlife conservation messages in schools (Project WILD)
- Other activities as listed in the CPW Activity Dictionary for the activity codes listed below

(CPW activity 6130, Wildlife Education Evaluation; activity 6140, Educator Training and Support; activity 6260, Manage Volunteers H/F/W)

## **Youth Programs**

FY 2024-25 Total Projected Budget: \$ 1,513,449 FY 2024-25 GOCO Funding Request: \$ 918,637

### **Description and Objectives:**

Colorado Parks and Wildlife is a strong proponent of providing outdoor education programs and opportunities for all ages. This proposal expands CPW's youth outreach programs by expanding and creating new opportunities that capture the attention of Colorado's youth. In addition to these components, CPW will continue supporting opportunities for Boy and Girl Scout groups, 4-H clubs, and school community service organizations. CPW is uniquely positioned to introduce Colorado's youth to the outdoors, potential natural resource careers, encourage more physical activity, and educate them about outdoor issues to foster environmental and natural resource stewardship.

### Primary activities include:

- Present to students in a classroom or field trip setting
- Maintain and provide library materials and resource education kits for teachers
- Respond to requests for specific wildlife education information or programming
- Create and maintain an internet home page about wildlife education
- Administer pre- and post-program surveys for reporting and program evaluation
- Develop cooperative agreements with schools and other entities
- Develop formal educational materials and activities for use at CPW's wildlife viewing sites
- Host booths at community or organization events or trade shows
- Develop and organize outdoor skills events that focus on wildlife-related recreation, survival skills and orienteering
- Develop, implement and manage wildlife interpretive programs, survival clinics, and general orienteering;
- Provide opportunities for experiential education to the public
- Contract and program management for youth corps
- Solicit, review, and select wildlife-related work sites for youth corps
- Establish youth corps work standards
- Enhance and approve wildlife education curriculum for use by youth corps
- Evaluate program and recommend improvements for youth corps
- Coordinate work projects with cost center managers for youth corps
- Coordinate and recruit schools for participation in the SOLE program
- Establish and coordinate field trips options, in-class programs, and family nature night programs with SOLE participating schools and partners
- Coordinate and provide funding for transportation to field trip locations
- Provide funding to SOLE participating schools to promote and enhance outdoor learning classrooms
- Participate in local events that promote wildlife-related activities

- Provide career booths at large venues
- Respond to inquiries related to wildlife natural resource careers
- Other activities as listed in the CPW Activity Dictionary for the activity codes listed below

(CPW activity 6120, Schools Outdoor Learning Environments (SOLE); activity 6131, Support Education Programs in Schools H/F/W; activity 6134, Public Education and Outreach H/F/W; activity 6220, Encourage Natural Resource Careers H/F/W)

Colorado Youth Corps Association. The Colorado Youth Corps Association (CYCA) is a statewide coalition of ten accredited youth conservation corps. For more than a decade, CYCA crews across Colorado have worked with CPW on angler education clinics, fence removal or repair at state wildlife areas, non-native invasive weed control, riparian habitat improvement projects, and hatchery maintenance projects among others. CYCA work crews learn first-hand about wildlife and habitat stewardship while developing job skills and experience that help them in future employment. CYCA uses a percentage of this allocation to help defray administrative and overhead costs, including project management and reporting, technical training, evaluation and data tracking, site visits, and accounting and support services. In previous years, this percentage has averaged approximately 12 percent.

Youth Internship Program. The purpose of the CPW Youth Internship Program is to prepare the next generation of natural resource professionals. This program provides training and hands-on experience for youth interested in pursuing natural resource careers. CPW has assigned a Youth Internship Program Coordinator that is responsible to provide statewide coordination for extensive training for the interns and CPW staff, monitor and recommend placement of interns equitably throughout CPW, document activities and identify needs of the interns and CPW throughout the years. This program has the capacity to support approximately 55-80 interns throughout both purposes and solicit youth between the ages of 16-24.

Activities supported under this grant are specific to wildlife activities and include intern selection, direct supervision, training, intern wages, and oversight of interns. There may be instances when an intern assigned to wildlife activities has the opportunity to work with a parks program. These activities will still be funded within the wildlife purpose, as long as the activity is primarily for the benefit of the wildlife purpose.

### Schools and Outdoor Learning Environments (SOLE).

The Schools and Outdoor Learning Environments (SOLE) program is designed to increase youth interest and participation in responsible recreation and conservation of the state's natural resources by supporting and enhancing existing standards aligned environmental and conservation education programs in Colorado schools. SOLE has grown exponentially since its inception in 2013 from supporting approximately 50 schools across the state with their 4th grade programs, to becoming the overarching formal education program from CPW supporting early childhood, Kindergarten - 12 grade, community college and university levels. Our goal is to connect with younger audiences to develop long lasting relationships that lead to awareness and behavioral changes. Formal education programming will directly connect to, and enhance the following to achieve our mission.

- Career recruitment and retention: By connecting with middle and high school students about career opportunities, we are able to inform students about the necessary educational trajectories to qualify for positions in our agency, and support them with the development of needed soft and hard skills to be successful in the work that we do.
- Stewardship and conservation: For future generations to become leaders in stewardship and conservation, we need to connect with them at an earlier age to establish meaningful relationships with the outdoors.
- **Economic Base:** Through building a solid knowledge base and awareness of recreation and wildlife management in our state, our future generations are more prepared to take on an active role as recreationists, voters and supporters.

## **Angler Education**

FY 2024-25 Total Projected Budget: \$ 375,269 FY 2024-25 GOCO Funding Request: \$ 161,000

## **Description and Objectives:**

CPW's Angler Education Program reaches 35,000 participants in 250 fishing clinics statewide. This program continues to promote fishery resource conservation and resource stewardship by providing volunteer and educational opportunities. A secondary goal is to have participants leave the clinic with a positive image of CPW and its mission. In addition, this program works to develop and enhance partnerships with local angling groups, park and recreation departments, and other community organizations.

# **Primary Activities:**

- Assess demand for clinics
- Recruit and train instructors (paid and volunteer)
- Develop and maintain partnerships with government, business, and community groups
- Evaluate and obtain appropriate instructional materials
- Develop and print new angler education materials
- Work with manufacturers to obtain fishing equipment for distribution to clinic participants
- Conduct clinics for both youth and adults
- Hatchery tours for both students and adults
- Education programs for youth on hatcheries and angling

(CPW activity 6420, Angler Education)

# Wildlife: Wildlife Viewing

The 2018 Statewide Comprehensive Outdoor Recreation Plan, conducted by Southwick Associates for CPW estimated that wildlife viewing activities in Colorado generated more than \$1.5 billion in direct and secondary economic benefits, supporting more than 13,200 jobs in 2017. This program continues to identify, develop, and help establish wildlife viewing opportunities on public lands, including CPW properties and state parks; develop and establish wildlife viewing opportunities in cooperation with landowners on private lands; and prepare and distribute informational materials on wildlife viewing techniques and opportunities.

### Great Outdoors Colorado 2020 Strategic Plan:

Connect people with the outdoors and its many benefits.

### Colorado Parks and Wildlife 2015 Strategic Plan:

- Goal I: Conserve wildlife and habitat to ensure healthy sustainable populations and ecosystems.
  - Objective A: Manage sustainable populations of game and nongame species to support fishing, hunting, trapping, and wildlife viewing opportunities.

Activities funded under the wildlife viewing grant allow CPW to produce and provide information to the public on how to safely and non-intrusively view wildlife in their natural setting. The grant also supports wildlife viewing and educational activities.

Wildlife Viewing	Great Outdoors Colorado Funding FY 2024-25
Wildlife Viewing Program	\$144,899
Total:	\$144,899

## Wildlife Viewing

FY 2024-25 Total Projected Budget: \$ 267,468 FY 2024-25 GOCO Funding Request: \$ 144,899

### Description and Objectives:

The Wildlife Viewing grant supports activities to establish new wildlife viewing and education opportunities – such as the increasingly popular wildlife festivals – and work with partners to develop and improve existing viewing resources.

## **Primary Activities:**

- Review and update database of statewide wildlife viewing opportunities and prioritize these opportunities for future development
- Develop cooperative projects with local, state, and federal agencies
- Identify opportunities to develop wildlife viewing sites
- Design and construct wildlife viewing sites
- Publicize wildlife viewing opportunities on CPW properties
- Plan future projects
- Develop and maintain partnerships with a variety of federal, state, and private organizations to support activities that promote wildlife viewing opportunities throughout the state
- Develop information and interpretive materials to support wildlife viewing festivals around the state
- Develop brochures, guides, lists, newsletters/website articles, interpretive signs, highway signs, boardwalks, wildlife viewing stations, and other information that enhance wildlife viewing experience
- Promote and manage the Colorado Birding Trail
- Research to gain better understanding of viewer recreation typologies
- Research to gain an understanding of the impacts of wildlife feeding activities on both wildlife and people, and the success of various approaches to influencing behavior
- Research viewer impacts on resources including evaluation of resources before and after the development of recreation facilities
- Provide training by CPW personnel at professional organization meetings and specially designed workshops
- Initiate studies to determine how well specific projects and products meet CPW goals
- Develop annual and 5-year statewide watchable wildlife recreation plans
- Implement pilot projects to incorporate and evaluate results of research and assessments
- Pursue alternative funding for watchable projects
- Evaluate the efficacy of CPW efforts

(CPW activity 5110, Watchable Wildlife with Partners; activity 5210, Watchable Wildlife on CPW Lands; activity 5260, Watchable Wildlife Interpretive Programs; and activity 5310, Watchable Wildlife Evaluation and Research)