




2020 Colorado Forest Action Plan Appendix 8 - Resource Strategy: Existing Program Alignment with Theme Goals and Strategies

 COLORADO STATE FOREST SERVICE COLORADO STATE UNIVERSITY	Forest Action Plan Theme							
	Forest Conditions							
	Goal 1: Keep Forests as Forests			Goal 2: Improve Forest Productivity		Goal 3: Promote Adaptive Management		
CSFS Program	Strategy 1: Maintain, and where practical, increase forest cover. Promote forest retention and creation	Strategy 2: Reduce the impacts of biological stressors. Manage for more resilient forests	Strategy 3: Plan for post-disturbance recovery and transition	Strategy 1: Maintain and enhance species structural diversity, complexity	Strategy 2: Promote the ability of forest systems to resist and rebound from disturbance	Strategy 1: Reduce impacts of biological stressors, manage for diversity and complexity	Strategy 2: Facilitate forest community adjustments through species retention and transitions	Strategy 3: Maintain and create refugia, identify desired compositions that are resilient
State Fire Assistance WUI Competitive		X			X	X		
State Fire Assistance		X			X	X		
Urban and Community Forestry		X	X			X		
Forest Stewardship	X	X	X			X		
Forest Health Monitoring			X		X	X		
Survey and Technology			X			X		
Western Bark Beetle		X	X			X		
Forest Legacy	X							

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Landscape Scale Restoration Grant	X	X	X			X		
CAFA		X			X	X		
Good Neighbor Authority		X			X	X		
FIAM	X	X	X	X	X	X	X	X
FRWRM		X			X	X		
Forest Agriculture	X	X			X	X		
Healthy Forests and Vibrant Communities	X	X			X	X		
State Lands (CPW, SLB)		X		X	X	X		
Forests to Faucets 2 (Denver Water)		X			X	X		

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Water Providers (Denver Water, Colorado Springs Utilities, Northern Water)		X			X	X			
Conservation Reserve Program			X		X				
Restoring Colorado's Forests	X		X		X				
Best Management Practices (BMPs)		X							



Forest Action Plan Theme

Living with Wildfire

Goal 1: Promote community fire adaptation

Goal 2: Reduce the risk of uncharacteristic wildfire

Goal 3: Promote the role of fire in ecological processes

Strategy 1: Facilitate social community adjustments through a deeper understanding of living with wildfire

Strategy 2: Enhance community wildfire risk reduction planning

Strategy 3: Increase pace and scale of wildfire risk reduction efforts

Strategy 1: Reduce the risk and long-term impacts of severe disturbances

Strategy 2: Maintain and enhance species and structural diversity

Strategy 3: Facilitate community adjustments pre- and post-disturbance through species transitions

Strategy 1: Sustain fundamental ecological functions

Strategy 2: Improve the understanding of the role fire plays in Colorado's ecosystems including the need for using prescribed and managed wildfire as tools

Strategy 3: Increase the use of prescribed and managed wildfire

CSFS Program

Western Bark Beetle

Forest Legacy

Landscape Scale Restoration Grant

CAFA

Good Neighbor Authority

FIAM

FRWRM

Forest Agriculture

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X

X



Forest Action Plan Theme

Living with Wildfire

	Goal 1: Promote community fire adaptation			Goal 2: Reduce the risk of uncharacteristic wildfire			Goal 3: Promote the role of fire in ecological processes		
	<i>Strategy 1: Facilitate social community adjustments through a deeper understanding of living with wildfire</i>	<i>Strategy 2: Enhance community wildfire risk reduction planning</i>	<i>Strategy 3: Increase pace and scale of wildfire risk reduction efforts</i>	<i>Strategy 1: Reduce the risk and long-term impacts of severe disturbances</i>	<i>Strategy 2: Maintain and enhance species and structural diversity</i>	<i>Strategy 3: Facilitate community adjustments pre- and post-disturbance through species transitions</i>	<i>Strategy 1: Sustain fundamental ecological functions</i>	<i>Strategy 2: Improve the understanding of the role fire plays in Colorado's ecosystems including the need for using prescribed and managed wildfire as tools</i>	<i>Strategy 3: Increase the use of prescribed and managed wildfire</i>
CSFS Program									
Conservation Reserve Program									
Restoring Colorado's Forests				X					
Best Management Practices (BMPs)			X	X	X	X	X		



Forest Action Plan Theme

Watershed Protection

Goal 1: Improve and maintain drinking water quality and quantity

Goal 2 Improve resiliency of critical water infrastructure

Goal 3: Sustain or restore fundamental ecological functions for watershed health

Strategy 1: Maintain and enhance water quality

Strategy 2: Accommodate altered hydrologic processes

Strategy 3: Sustain fundamental hydrologic processes

Strategy 1: Prioritize forest management treatments in areas that will have the biggest impact on critical water supply infrastructure

Strategy 2: Promote and restore fire in fire-dependent ecosystems

Strategy 3: Collaboration across organizations and land ownerships for landscape scale treatments

Strategy 4: Assist in post-disturbance recovery

Strategy 1: Support ecological functions that forests provide, including air and water purification, habitat, carbon sequestration and nutrient cycling

Strategy 2: Prevent conversion of forested land to nonforested uses

Strategy 3: Promote ecosystem services

CSFS Program

State Fire Assistance
WUI Competitive

State Fire Assistance

Urban and Community
Forestry

Forest Stewardship

Forest Health
Monitoring

Survey and
Technology

X

X

X

X

X

X

X

X

X

X

X



Forest Action Plan Theme

Watershed Protection

Goal 1: Improve and maintain drinking water quality and quantity

Goal 2 Improve resiliency of critical water infrastructure

Goal 3: Sustain or restore fundamental ecological functions for watershed health

CSFS Program	<p><i>Strategy 1: Maintain and enhance water quality</i></p>	<p><i>Strategy 2: Accommodate altered hydrologic processes</i></p>	<p><i>Strategy 3: Sustain fundamental hydrologic processes</i></p>	<p><i>Strategy 1: Prioritize forest management treatments in areas that will have the biggest impact on critical water supply infrastructure</i></p>	<p><i>Strategy 2: Promote and restore fire in fire-dependent ecosystems</i></p>	<p><i>Strategy 3: Collaboration across organizations and land ownerships for landscape scale treatments</i></p>	<p><i>Strategy 4: Assist in post-disturbance recovery</i></p>	<p><i>Strategy 1: Support ecological functions that forests provide, including air and water purification, habitat, carbon sequestration and nutrient cycling</i></p>	<p><i>Strategy 2: Prevent conversion of forested land to nonforested uses</i></p>	<p><i>Strategy 3: Promote ecosystem services</i></p>
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Western Bark Beetle

Forest Legacy

Landscape Scale Restoration Grant

CAFA

Good Neighbor Authority


FIAM


FRWRM

Forest Agriculture

Healthy Forests and Vibrant Communities

									X	
X										
			X	X						
			X	X	X					
			X	X	X	X	X	X	X	X
			X	X						
									X	
			X	X	X					

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CSFS Program	Strategy 1: Maintain and enhance water quality	Strategy 2: Accommodate altered hydrologic processes	Strategy 3: Sustain fundamental hydrologic processes	Strategy 1: Prioritize forest management treatments in areas that will have the biggest impact on critical water supply infrastructure	Strategy 2: Promote and restore fire in fire-dependent ecosystems	Strategy 3: Collaboration across organizations and land ownerships for landscape scale treatments	Strategy 4: Assist in post-disturbance recovery	Strategy 1: Support ecological functions that forests provide, including air and water purification, habitat, carbon sequestration and nutrient cycling	Strategy 2: Prevent conversion of forested land to nonforested uses	Strategy 3: Promote ecosystem services
State Lands (CPW, SLB)					X	X	X			
Forests to Faucets 2 (Denver Water)				X		X				
Water Providers (Denver Water, Colorado Springs Utilities, Northern Water)										
Conservation Reserve Program			X							
Restoring Colorado's Forests			X				X		X	
Best Management Practices (BMPs)	X		X	X						

 COLORADO STATE FOREST SERVICE <small>COLORADO STATE UNIVERSITY</small>	Forest Action Plan Theme							
Forest Wildlife								
CSFS Program	Goal 1: Conserve, Enhance, and Protect critical habitat			Goal 2 Integrate habitat considerations into forestry activities				Goal 3: Increase public understanding of the connections between forestry and habitat
	<i>Strategy 1: Facilitate shifts in the geographic and elevational range of species, in anticipation of future conditions</i>	<i>Strategy 2: Sustain positive and reduce negative interspecific and biotic interactions</i>	<i>Strategy 3: Establish and enhance protected areas or habitat reserves</i>	<i>Strategy 1: Plan for and reduce human disturbance and human-wildlife conflict</i>	<i>Strategy 2: Protect, restore and maintain sources of food, water and cover as components of habitat</i>	<i>Strategy 3: Adjust management of food, water, and cover to align with expected future conditions</i>	<i>Strategy 4: Promote habitat conservation on lands outside of protected areas</i>	<i>Strategy 1: Engage human communities in forest wildlife conservation</i>
State Fire Assistance WUI Competitive								
State Fire Assistance								
Urban and Community Forestry								
Forest Stewardship					X	X	X	
Forest Health Monitoring								
Survey and Technology								
Western Bark Beetle								



Forest Action Plan Theme

Forest Wildlife

Goal 1: Conserve, Enhance, and Protect critical habitat

Goal 2 Integrate habitat considerations into forestry activities

Goal 3: Increase public understanding of the connections between forestry and habitat

Strategy 1: Facilitate shifts in the geographic and elevational range of species, in anticipation of future conditions

Strategy 2: Sustain positive and reduce negative interspecific and biotic interactions

Strategy 3: Establish and enhance protected areas or habitat reserves

Strategy 1: Plan for and reduce human disturbance and human-wildlife conflict

Strategy 2: Protect, restore and maintain sources of food, water and cover as components of habitat

Strategy 3: Adjust management of food, water, and cover to align with expected future conditions

Strategy 4: Promote habitat conservation on lands outside of protected areas

Strategy 1: Engage human communities in forest wildlife conservation

CSFS Program


Forests to Faucets 2 (Denver Water)

Water Providers (Denver Water, Colorado Springs Utilities, Northern Water)

Conservation Reserve Program

Restoring Colorado's Forests

Best Management Practices (BMPs)

 COLORADO STATE FOREST SERVICE <small>COLORADO STATE UNIVERSITY</small>	Forest Action Plan Theme							
	Urban and Community Forestry							
CSFS Program	Goal 1: Promote the role and infrastructure development of urban and community forests to advance public health, wellness, and safety			Goal 2: Promote and increase public awareness, leadership diversity and equity within the urban forestry community			Goal 3: Improve and enhance ecosystem health and biodiversity for long-term resilience by integrating urban and community forest management, maintenance and stewardship into all scales of planning	
	<i>Strategy 1: Master planning efforts that include urban and community trees and forests need to occur at city, regional, and state-scales</i>	<i>Strategy 2: Develop resources and tools to improve and highlight the positive and synergistic relationship between green infrastructure, forest, trees and public health and wellness</i>	<i>Strategy 3: Expand opportunities for collaboration between residents, collaboratives, agencies, and sectors</i>	<i>Strategy 1: Create, maintain, and enhance educational programs that focus on urban and community forests</i>	<i>Strategy 2: Increase engagement of underserved and minority communities within urban and community forestry</i>	<i>Strategy 3: Increase workforce development opportunities and green jobs</i>	<i>Strategy 1: Sustain or restore fundamental ecological functions</i>	<i>Strategy 2: Enhance carbon storage to mitigate greenhouse gas emissions and support climate change resilience, restoration and sustainability within urban and community forests</i>
State Fire Assistance WUI Competitive								
State Fire Assistance								
Urban and Community Forestry	X		X	X				
Forest Stewardship								



Forest Action Plan Theme

Urban and Community Forestry

Goal 1: Promote the role and infrastructure development of urban and community forests to advance public health, wellness, and safety

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Strategy 1: Master planning efforts that include urban and community trees and forests need to occur at city, regional, and state-scales

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Strategy 1: Create, maintain, and enhance educational programs that focus on urban and community forests

Strategy 2: Increase engagement of underserved and minority communities within urban and community forestry

Strategy 3: Increase workforce development opportunities and green jobs

Strategy 1: Sustain or restore fundamental ecological functions

Strategy 2: Enhance carbon storage to mitigate greenhouse gas emissions and support climate change resilience, restoration and sustainability within urban and community forests

CSFS Program

Forest Health Monitoring

Survey and Technology

Western Bark Beetle

Forest Legacy



**COLORADO STATE
FOREST SERVICE**

COLORADO STATE UNIVERSITY

Forest Action Plan Theme

Urban and Community Forestry

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CSFS Program								
Landscape Scale Restoration Grant								
CAFA								
Good Neighbor Authority								
FIAM	X	X	X				X	X
FRWRM								
Forest Agriculture								



**COLORADO STATE
FOREST SERVICE**

COLORADO STATE UNIVERSITY

Forest Action Plan Theme

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CSFS Program

Healthy Forests and Vibrant Communities

State Lands (CPW, SLB)

Forests to Faucets 2 (Denver Water)



COLORADO STATE FOREST SERVICE

COLORADO STATE UNIVERSITY

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CSFS Program

Water Providers (Denver Water, Colorado Springs Utilities, Northern Water)

Conservation Reserve Program

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Restoring Colorado's Forests								
Best Management Practices (BMPs)								



Forest Action Plan Theme

Forest Products

CSFS Program	Goal 1: Maintain and develop more resilient industry capacity required to meet forest management needs	Goal 2: Increase the number of forested acres treated annually through cost offsets of increased utilization		
	<i>Strategy 1: Maintain the capacity of the forest products industry to align with management needs</i>	<i>Strategy 1: Improve the alignment of industry operating areas with forest management needs in high priority watersheds and wildland-urban interface areas</i>	<i>Strategy 2: Diversify industry products and operations to better utilize timber resources (species composition and size class) and increase industry viability</i>	<i>Strategy 3: Increase carbon storage by utilizing timber resources</i>
State Fire Assistance WUI Competitive				
State Fire Assistance				
Urban and Community Forestry				
Forest Stewardship				
Forest Health Monitoring				
Survey and Technology				
Western Bark Beetle				
Forest Legacy				
Landscape Scale Restoration Grant				



Forest Action Plan Theme

Forest Products

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Strategy 2: Diversify industry products and operations to better utilize timber resources (species composition and size class) and increase industry viability

Strategy 3: Increase carbon storage by utilizing timber resources

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CAFA				
Good Neighbor Authority				
FIAM				
FRWRM				
Forest Agriculture				
Healthy Forests and Vibrant Communities	X	X	X	X
State Lands (CPW, SLB)				
Forests to Faucets 2 (Denver Water)				



Forest Action Plan Theme

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CSFS Program

Water Providers
(Denver Water,
Colorado
Springs Utilities,
Northern Water)

Conservation Reserve
Program

Restoring Colorado's
Forests

Best Management
Practices (BMPs)