



# Healthy and Resilient Communities: Long-Term Park Impacts

10-Minute Walk City  
Community of Practice

*Session 6*  
*Sept 14, 2022*



# Agenda

**Topic:** Healthy and Resilient Communities: Long-Term Park Impacts

## Agenda

- Moderated Panel Discussion
  - TPL Climate Team
  - Boulder, CO
  - Stockton, CA
- Breakout groups
- What's Next?
- Closing



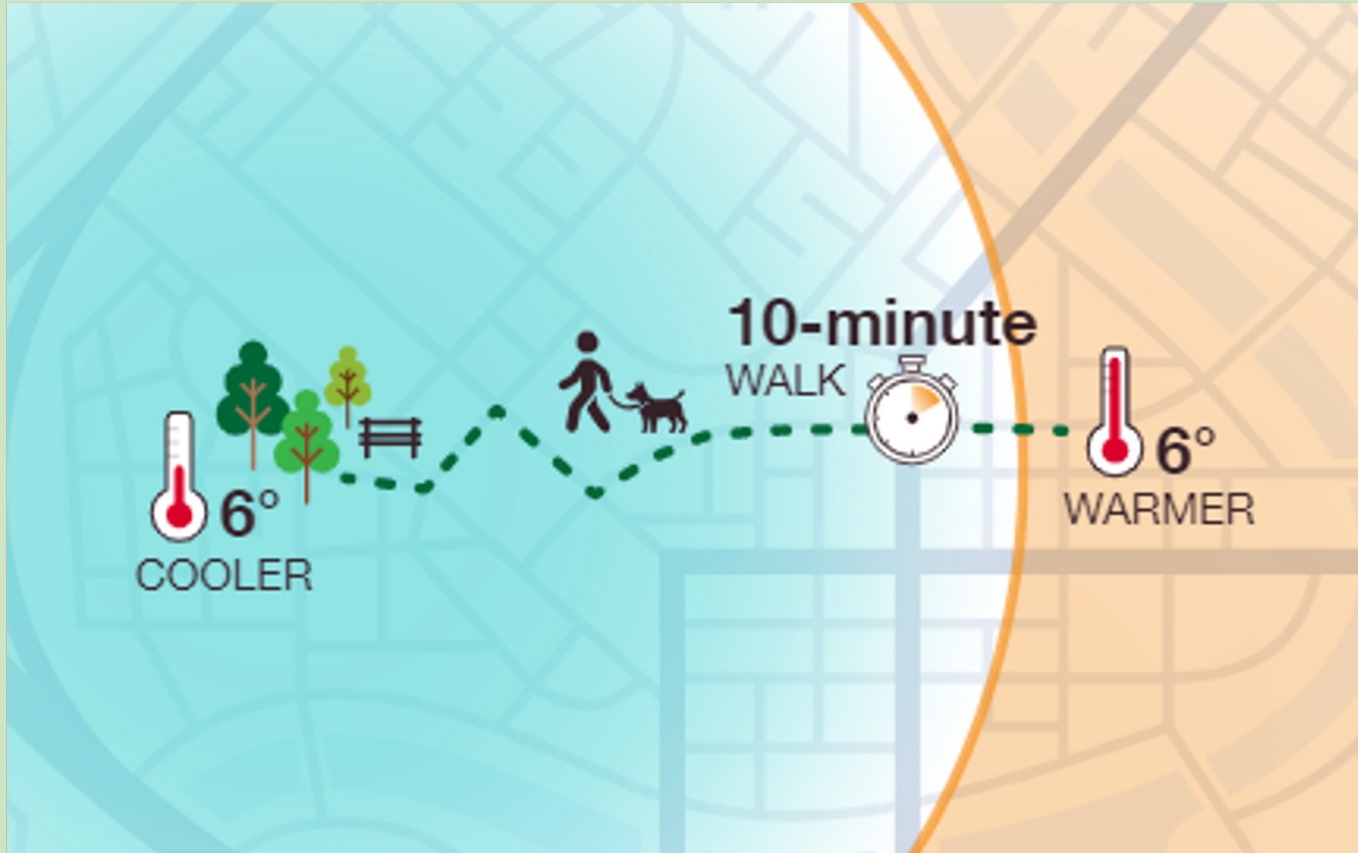


## Poll

Neighborhoods within 1/2 mile of a park are as much as ????? degrees cooler than neighborhoods beyond that range.

## Poll

Neighborhoods within 1/2 mile of a park are as much as 6 degrees cooler than neighborhoods beyond that range.



# Resilience Benefits of Parks and Green Spaces

Cooling

Flood protection

Stormwater management

Active transportation

Wildfire protection

Social connectedness



# Health Benefits of Parks and Green Spaces

Mood

Blood pressure

Heart rate

Immune function

Physical activity

Air quality

Social connectedness





# The Power of Parks to Address Climate Change

- Build Resilience
- Manage Risk
- Promote Innovation

# Delivering Resilience, Equity and Health with Parks

Among the cities in TPL's 2022 national survey on climate:

- 94% are addressing **urban heat**
- 89% are improving surfaces to manage **floods**
- 59% are providing emergency services for **natural disaster response**
- 42% are producing **renewable energy** or increasing **energy efficiency**
- 40% are managing parks to protect against **wildfire**
- 20% are managing park trees and landscapes **to reduce carbon emissions**

16% cities have adopted policies to use parks as a **climate resilience strategy**





Winthrop Campus Playground, Brooklyn, New York



Winthrop Campus Playground, Brooklyn, New York



# City Presentations

1. Boulder's Climate Strategy
1. Stockton's Community Health Improvement Plan

# Breakout Groups

## Topics

- Climate Strategies
- Health Strategies

## Format

- 35 minutes
- Video + Mics on

## Each group will discuss

1. Making the case- what messaging has worked and not worked in your respective contexts?
2. Share key questions as it relates to this topic, and resources/gaps you need to address it.
3. Exchange examples, tools, and helpful links.



## Closing poll

What is your biggest takeaway from participating in our workshops this past year?

**COMING SOON**



# Insights on equitable park access

*Featuring concise learnings from the people who make parks happen*

## SESSIONS WE RAN IN 2022:

- Park Equity: Approaches and Measures
- Incorporating Equity into Project Prioritization
- Centering Community in Parks Decision-Making
- Increasing “Access” through a Holistic Lens
- The Power of Partnerships
- Healthy and Resilient Communities: Long-Term Park Impacts

# What's Next?

## Share your feedback on...

1. Workshops from this past year
2. Upcoming workshop series on:
  - a. Park Quality Incubator: Mapping Park Experiences
  - b. Developer Park Partnership Strategies
  - c. Community Engagement for Lasting Impact





Celebrate National  
**#WalktoAParkDay**  
on October 10



**10-Minute Walk**



# Thank you + Contact Us

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[10MinuteWalk.org](http://10MinuteWalk.org)

@10MinWalk

**Don't forget to take the feedback survey!**



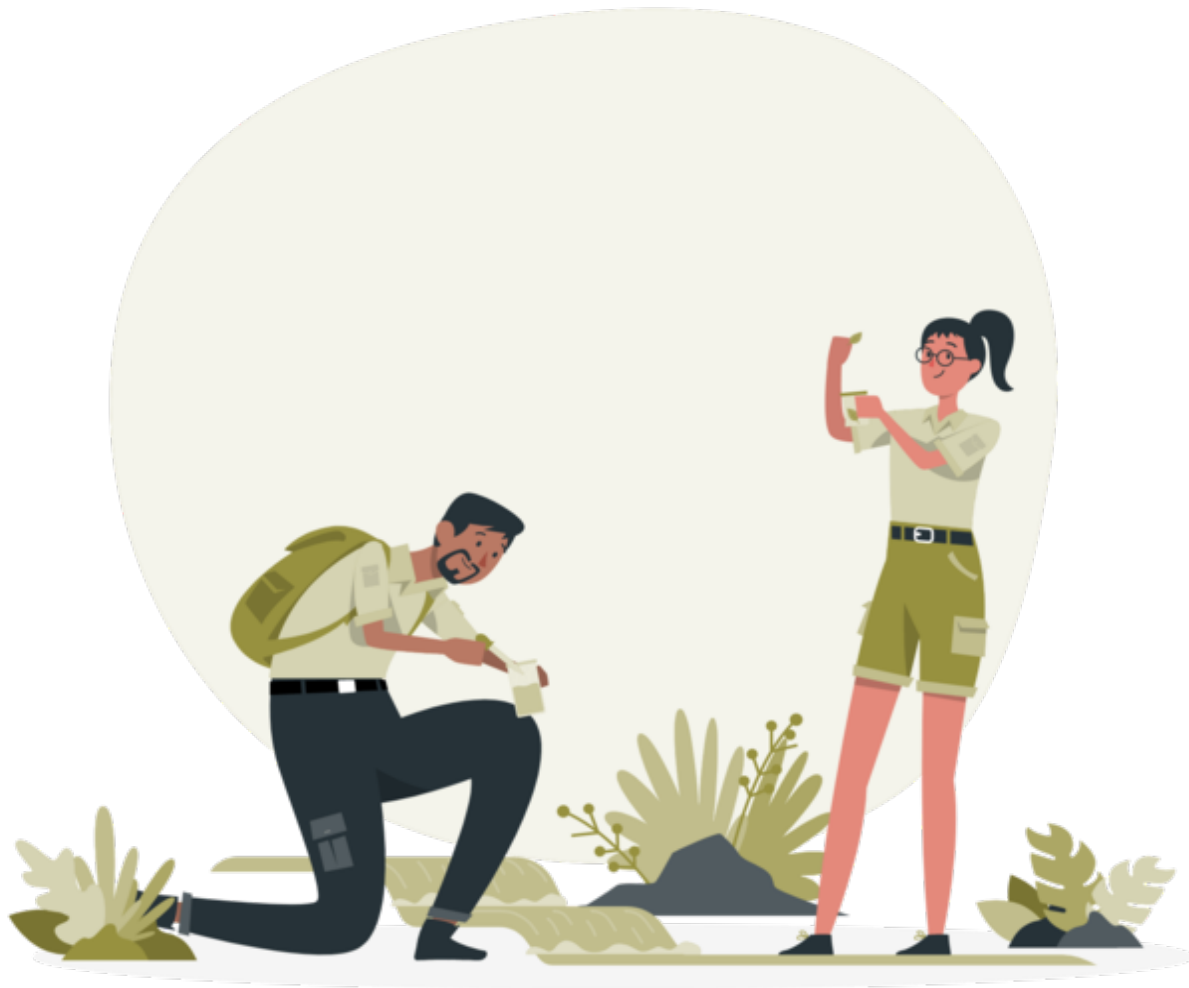


Natural Climate Solutions:  
*Approaching the Earth As Ally*

Brett KenCairn  
Natural Climate Solutions Team Lead  
Climate Initiatives, City of Boulder,  
CO  
Director, Nature-based Climate



NATURE-BASED  
CLIMATE SOLUTIONS



# Managing Urban Landscapes For Climate Action: A Strategy Development Guide

*developed by:*

Nature-based Climate Solutions

<https://naturebasedclimate.solutions/managing-urban-landscapes-for-climate-action-strategy-development-guide>

**NATURE-BASED**  
**CLIMATE SOLUTIONS**

# Urban Landscapes & Organic Resources

Greenways & Riparian Areas

Urban Forests

Agricultural Systems

Parks & Grassland (Turf)

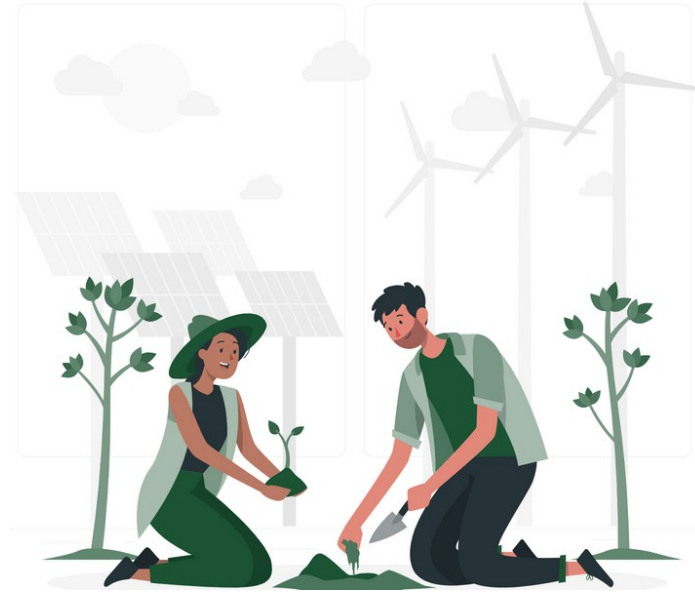
Organics Management

Aquatic Systems



# Core Climate Action Objectives

## Climate Mitigation



Carbon Reduction and Sequestration

## Adaptation & Climate Resilience



Change Management

## Equity

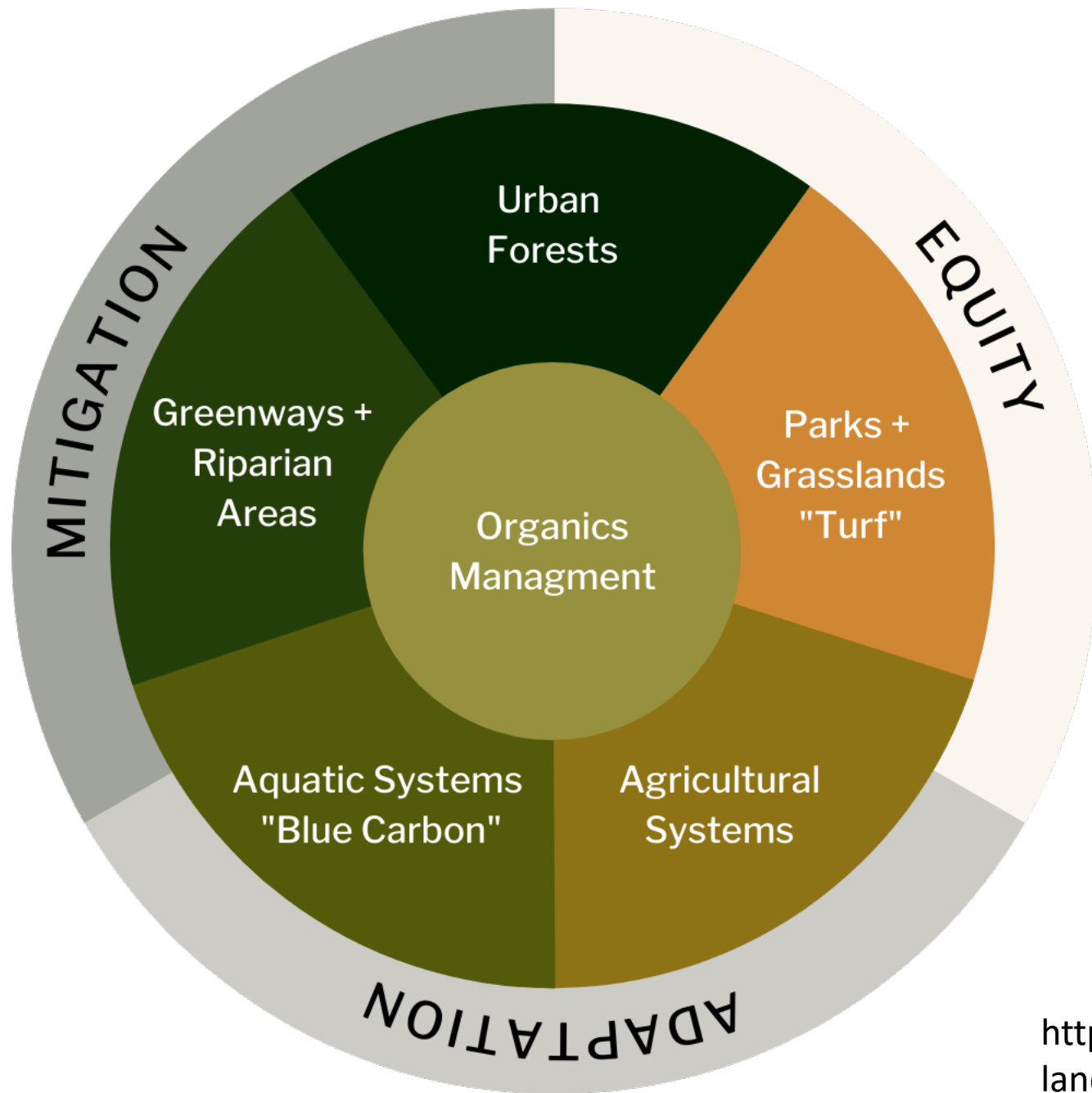


Intersectional Benefits



Cooling Corridors in  
Medellin, Columbia  
Already achieving 2°C  
reduction

<https://www.weforum.org/videos/this-colombian-city-is-planting-giant-corridors-of-trees-to-cool-down-and-fight-climate-change>



Framework for  
Natural Climate  
Solutions

**NATURE-BASED**  
CLIMATE SOLUTIONS

<https://naturebasedclimate.solutions/managing-urban-landscapes-for-climate-action-strategy-development-guide>

# Strategy Development Guide

## Step 1: Align with Existing Plans



## Step 3: Conduct Opportunity Assessment



## Step 2: Opportunity Identification



# TREES FOR COMMUNITY RECOVERY

JOBS | HEALTH | EQUITY



## WHY WE MUST ACT NOW

The importance of urban trees is undisputed. Urban and community forests are critical infrastructure in addressing the combined impacts of urban heat, air, toxic pollution and climate change. They also create good paying jobs and hold the key to more economic opportunity.

- With a projected 10-fold increase in heat-related deaths in the eastern U.S. by 2050, trees are the most effective means of combating urban heat islands, preventing an estimated 1,200 heat-related deaths and countless heat-related illnesses each year.
- Trees in metropolitan areas and communities across the country absorb 822,000 metric tons of air pollutants and help prevent 575,000 cases of acute respiratory illnesses, such as asthma, annually.



# Local, Regional & National Urban Forestry Expansion Campaign

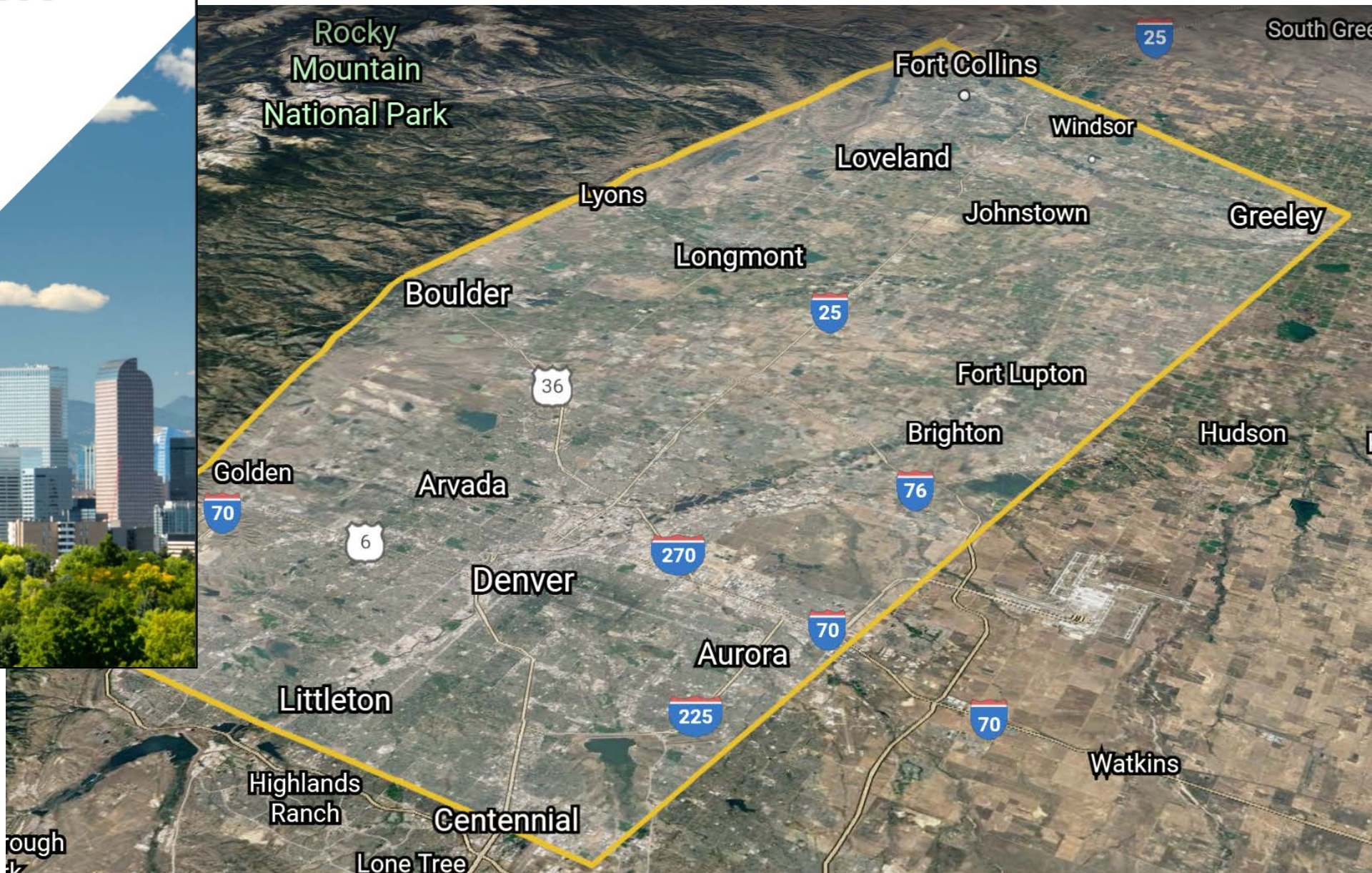
The Inflation Reduction Act (IRA) includes \$1.5B in funding through the USFS Urban & Community Forestry Program



# COLORADO FRONT RANGE URBAN FORESTRY EXPANSION STRATEGY

JULY 2021

## FULL REPORT





# Campaign Overview

03/30/22



***“Supporting and mobilizing the community to regenerate our soils, trees, and habitats for a resilient community, climate and future”***



# Three Action Areas



**Connected Canopies**



**Pollinator Pathways**



**Absorbent  
Landscapes**



# Connected Canopies

## 2030 Targets

- Plant 20,000 trees
- Capture 50,000 mtCO<sub>2</sub>/yr
- Reduce temperatures by 5-10 degrees F vulnerable areas





# Pollinator Corridors

## 2022 Preliminary targets

- Train 30+ Pollinator advocates
- Develop corridors plan
- Integrate with urban heat analysis







# Urban, Natural and Working Land Rehydration (Absorbent Landscapes)



## 2030 Targets

- Regenerate 5,000 acres
- Absorb 40,000,000 gals water/yr



# Other Actions: *Observe & Learn*

## Citizen Science Opportunities

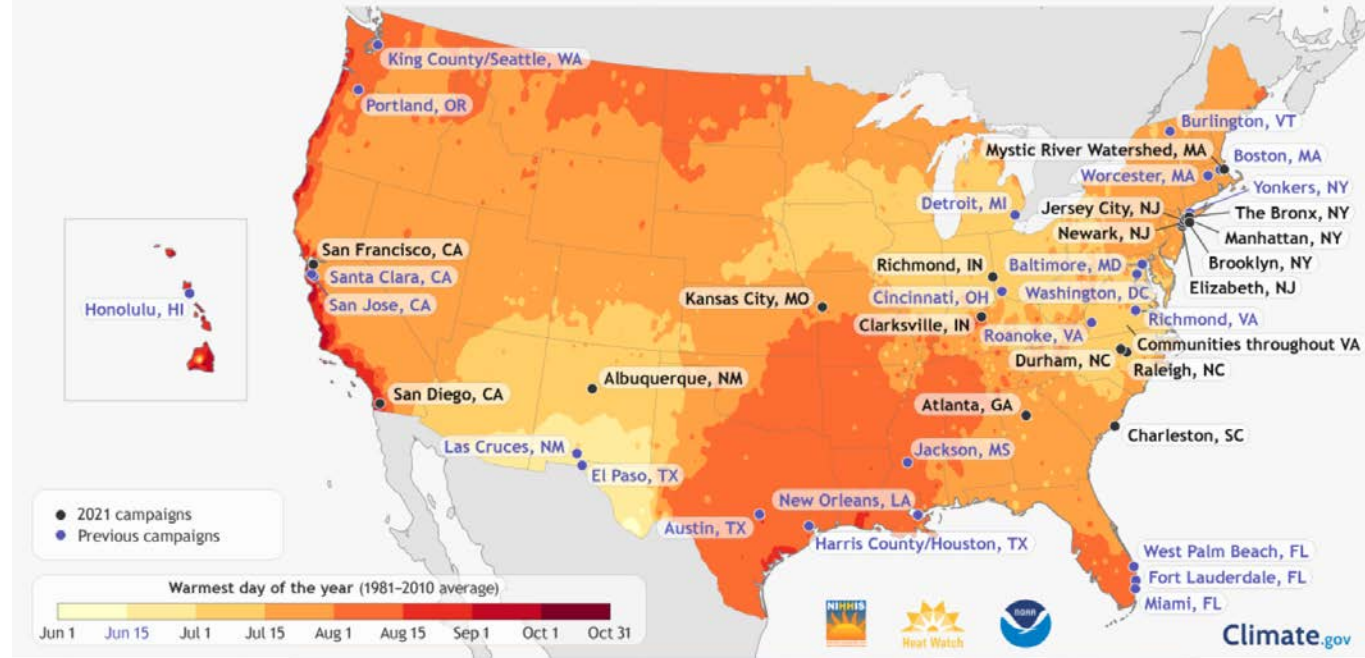
- 2022 NOAA Urban Heat Mapping Campaign
- Pollinator survey
- Land condition assessments



NOAA



## NOAA Urban Heat Island Mapping Campaigns: All Locations, 2017-2021





# Other Actions: *Produce & Share*

## Produce Regeneration Resources:

- Plants
- Compost
- Biochar





# Cool Boulder -- A Community Partnership

The Cool Boulder Campaign, launching this spring 2022, has already begun collaborating across many City Departments & organizations--of all sizes--and we want to partner with yours, too! [Sign Up ->](#)

Initial partners include:

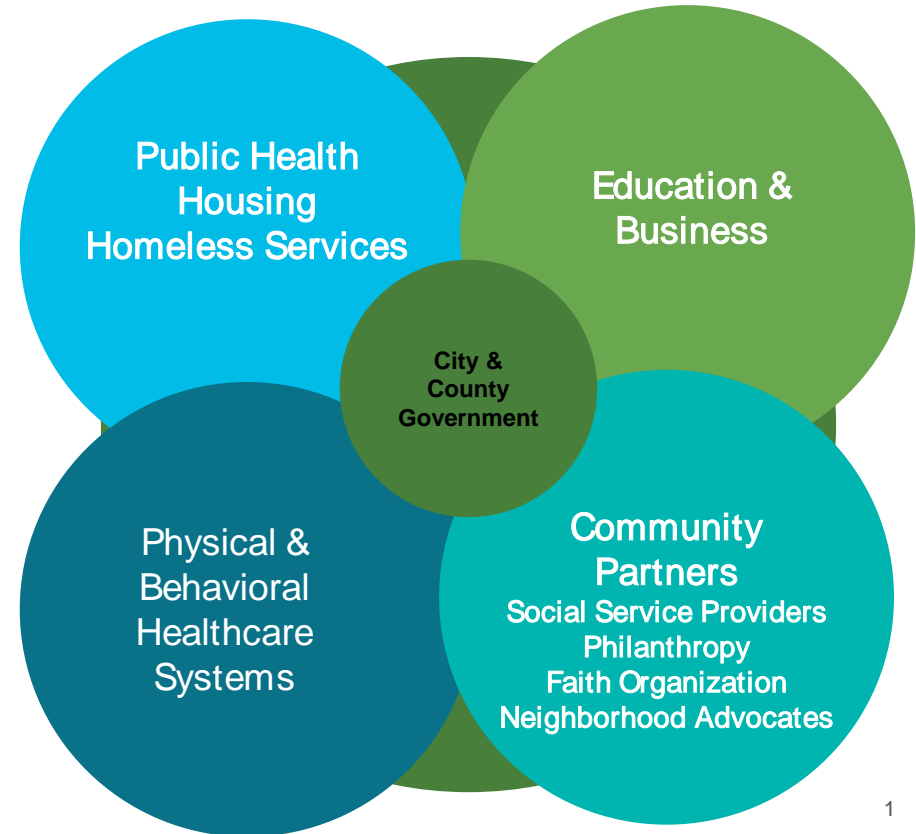
- [Bee Chicas](#)
- [Boulder JCC](#)
- [Boulder Housing Partners](#)
- [Boulder Valley Rotary](#)
- [Butterfly Pavillion](#)
- [Classrooms 4 Climate Action](#)
- [Community Fruit Rescue](#)
- [CSU Extension](#)
- [CU Masters of the Environment](#)
- [Davey Resource Group](#)
- [Drylands Agroecology Research](#)
- [Eco-Cycle](#)
- [BVSD Eco-Warriors](#)

- [Endangered Species Coalition](#)
- [Goss Grove Neighborhood Association](#)
- [Growing Gardens](#)
- [Harlequin's Gardens](#)
- [Left Hand Watershed Center](#)
- [National Oceanic & Atmospheric Administration](#)
- [People & Pollinators Action Network](#)
- [PLAY Boulder Foundation's Tree Trust](#)
- [Resource Central](#)
- [University of Colorado's Earth Lab](#)
- [We Love Trees, Inc.](#)
- [Wildlands Restoration Volunteers](#)
- [Xerces Society](#)
- [Your Neighborhood Christmas Tree Farm](#)



# Strong Collaboration for Collective Impact

## CHNA Collaborative



# Parks and Greenspace - A priority in San Joaquin!

**CHNA Health Needs**

**Highest Priority**

- Mental Health
- Access to Care
- Income and Employment

**Medium Priority**

- Housing
- Chronic Disease/HEAL
- Community Safety

**Lower Priority**

- Family and Social Support
- Education
- Transportation



A Focus on  
14 Priority  
Neighborhoods

## 3 Priority Health Needs, 1 overarching goal:

- Chronic Disease/Healthy Eating, Active Living (HEAL)
- Mental/Behavioral Health (including substance use)
- Community Safety

**Goal:** Make parks in priority neighborhoods appealing and easy to use to create equitable and safe opportunities to improve physical, mental and community well being.

# Leveraging resources for lasting impact

**Overall Goal:** Make parks in priority neighborhoods appealing and easy to use to create equitable and safe opportunities to improve physical, mental and community well being.

## Key Strategies

Change or enhance implementation of existing **county and city park policies and systems** to increase park usage in Priority Neighborhoods

**Park beautification & infrastructure improvements,** prioritized by community members to increase park safety and use in 2-4 Priority Neighborhoods

**Park programming** improvements prioritized by community members to increase park safety and use in 2-4 Priority Neighborhoods

**Outreach and communications to promote parks and programming** for physical, mental and community wellbeing in selected Priority Neighborhoods