



Green Infrastructure



SUSTAINABLE FORT CARSON
Right Actions. Right Now!

A rustic wooden structure, possibly a cabin or shelter, built from weathered logs and branches. It is situated in a rocky, wooded area with a hillside in the background. The structure has a thatched roof and a small window. The surrounding landscape is rugged and natural.

Agenda

Objectives

Physiography

History & Background

Army Sustainability

Army Net Zero

Sustainable Fort Carson

Key Supporting Strategies

Well-Being

Green Infrastructure Systems

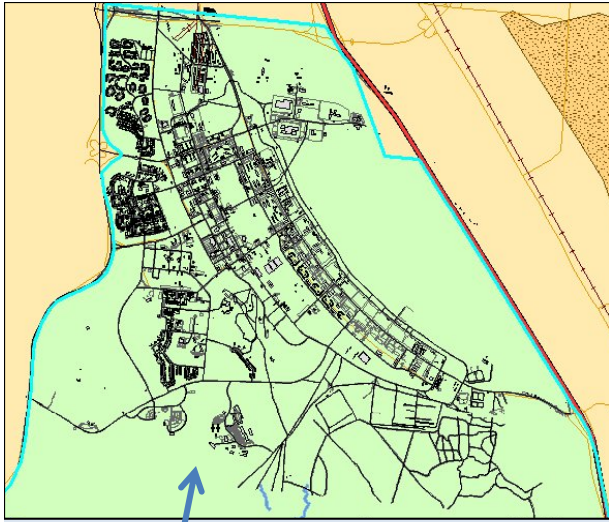
Pikes Peak Regional Sustainability Project

Importance of Green Infrastructure to the TBL+

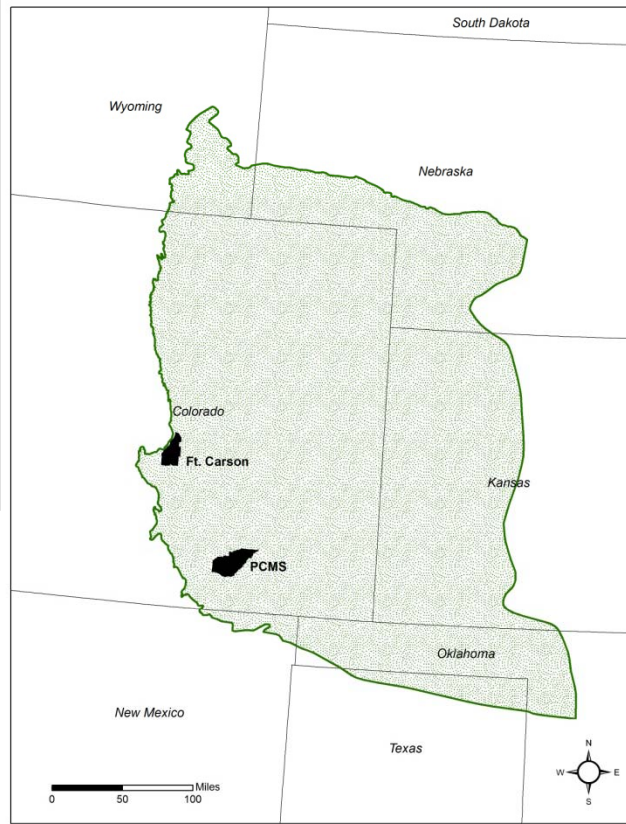
Objectives

- *Learn about Fort Carson green infrastructure*
- *Learn about Army sustainability, Net Zero Initiative and Sustainable Fort Carson*
- *Understand the benefits of regional partnership*
- *Understand the importance of green infrastructure to Sustainable Fort Carson*





Urban footprint of Fort Carson, CO



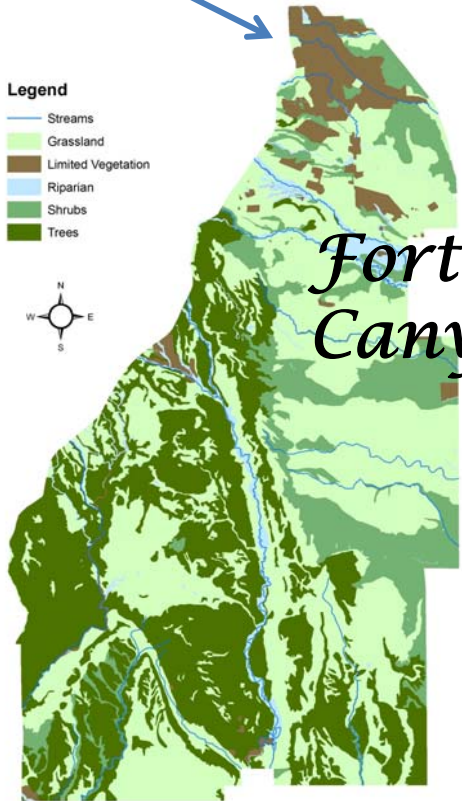
Shortgrass Prairie Ecoregion

- Grasslands
- Shrublands
- Forest/Woodlands

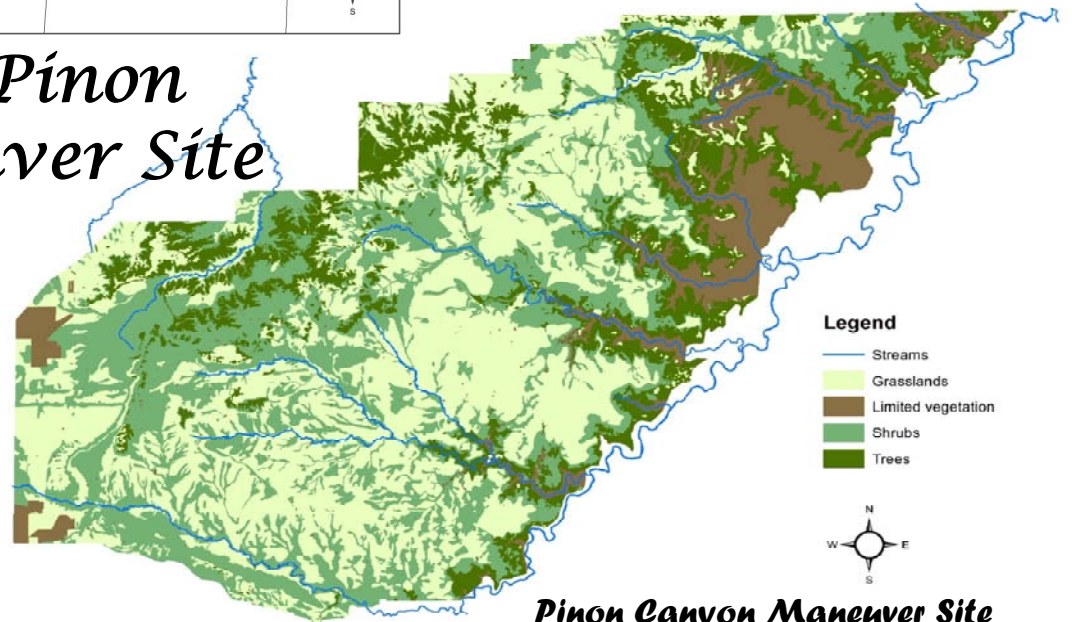
- Legend**
- Streams
 - Grassland
 - Limited Vegetation
 - Riparian
 - Shrubs
 - Trees



Fort Carson & Pinon Canyon Maneuver Site



- Legend**
- Streams
 - Grasslands
 - Limited vegetation
 - Shrubs
 - Trees



Pinon Canyon Maneuver Site

History & Background

Pre-2002

2002-Present

2012 & beyond



Army Sustainability



Army Net Zero

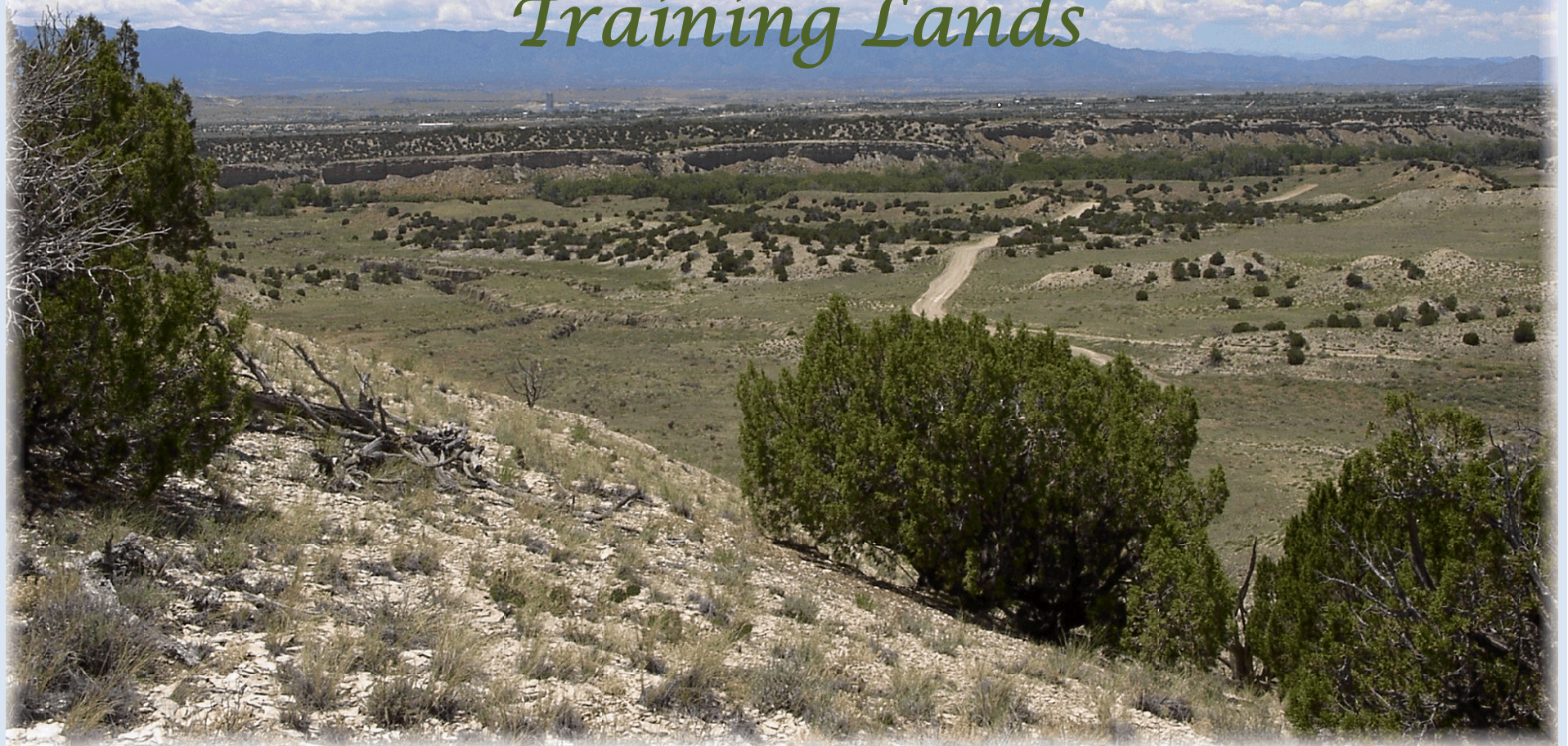


"Striving for Net Zero is operationally necessary, financially prudent, and critical to our mission."

Katherine Hammack
*The Assistant Secretary
of the Army (Installations,
Energy and Environment)*

Sustainable Fort Carson - 1

*Development
Energy & Water
Training Lands*



Sustainable Fort Carson - 2

Procurement Zero Waste



Sustainable Fort Carson - 3

Air Quality

Transportation



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*Education
Communication
Partnership
Management*

Key Supporting Strategies

Leading to Culture Change...and



**SUSTAINABLE
FORT CARSON**



reTHINK
sustainability
seminar

April 13, 2011

8:00am - 4:00 pm

Elkhorn
Conference Center

Woodfill Road

Fort Carson, CO



SUSTAINABLE FORT CARSON



is your life too plastic?



bag it

**Seminar Notes &
Working Plan**

D R A F T



**SUSTAINABLE
FORT CARSON**
RIGHT ACTIONS. RIGHT NOW!



**SUSTAINABLE
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RIGHT ACTIONS. RIGHT NOW!

SUSTAINABILITY REPORT 2010

MISSION ENVIRONMENT COMMUNITY ECONOMY

Well-Being

- ❖ *Resiliency*
- ❖ *Healthy food*
- ❖ *Safety*
- ❖ *Security*
- ❖ *Leader & workforce development*
- ❖ *Morale, welfare & recreation*
- ❖ *Housing*



Don't deal with a problem alone. Reach out to a helping hand!

- ▶ Talk to your Battle Buddy and chain of command
- ▶ Call the National Suicide Prevention Lifeline at 1-800-273-TALK [8255]

It takes COURAGE to ask for help when needed

Green Infrastructure

Energy & Water

- *Energy Efficiency*
- *Renewable Energy*
- *Water Use*
- *Wastewater Reuse*

Development

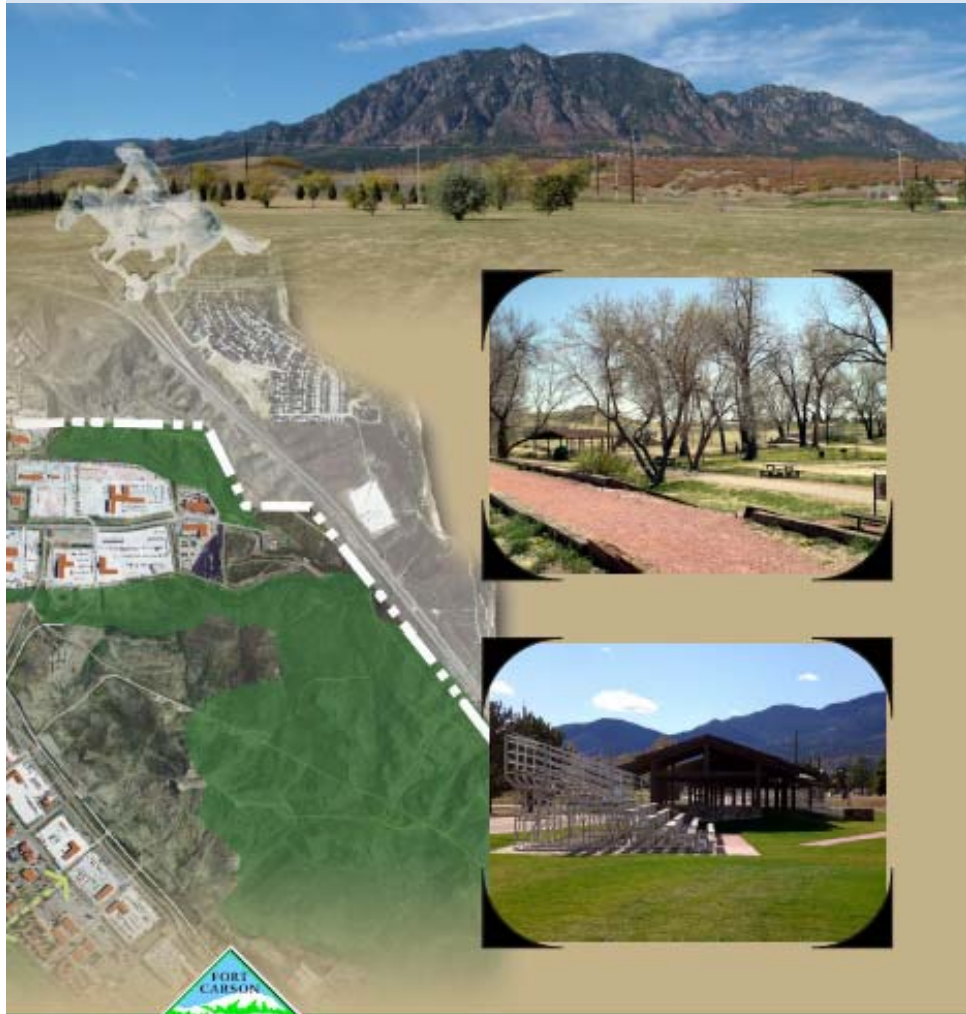
- *Land Use Patterns*
- *Density*
- *Facilities & Infrastructure*
- *Low Impact Development*

Training Lands

- *Military Training*
- *Compatible Use*
- *Natural Resources*
- *Cultural Resources*



Fort Carson Green Infrastructure Plan



Fort Carson
Green Infrastructure Plan
September 2008

Fort Carson Green Infrastructure Plan

Each Agency should "develop methods for cost-effectively providing adequate natural infrastructure to support climate resiliency and sustainable living and working environments."



September 2008

Pikes Peak Regional Sustainability Project

*Shared Vision
Strategies
Actions
Resources*

*Collaborative Planning
Partnerships
Indicators/Measurement
Leadership*



Mission - Environment - Community - Economic Benefit



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Thank You!

