

# 0054 - Tools to estimate SOC and net GHG balance

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## Exhibitor



Colorado State University

World Overview of Conservation Approaches and Technologies (WOCAT)

U.S. Department of Agriculture (USDA)

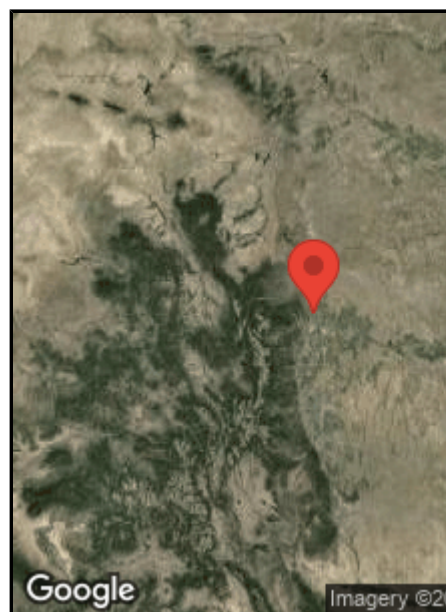
## Team

Eleanor Milne

Tatenda Lemann

Jeff Herrick

## Location



Fort Collins | United States of America

## Summary

*Sustainable Land Management (SLM)* practices can take carbon dioxide from the atmosphere and store it in trees, shrubs and soils and can also reduce emissions of other greenhouse gases from livestock and fertilizer use, but how much carbon dioxide can be stored and what is the potential of SLM technologies to reduce emissions of greenhouse gases?

Here you learn how users can benefit from the linkage of the [Carbon Benefit Project \(CBP\)](#) tool, the [World Overview of Conservation Approaches and Technologies \(WOCAT\)](#) and alignment with the mobile app [LandPKS](#) to answer these questions for a landscape, a watershed or a project area, generating information for sustainable management of our soils.

## Presentation



## Images

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## Videos

### Managing soils for a sustainable future – a toolset

## Webinar on World Soil Day 2020

An overview of the link between the Carbon Benefits Project (CBP) tools and the WOCAT database of sustainable land management technologies. This video show you how to upload a sustainable land management technology from the WOCAT database into the CBP system. It then take you through the process of completing data in the CBP for a greenhouse gas analysis and finally linking your GHG report back to your WOCAT entry in the database.

**All information on the webinar including recoding, the presentations and Q&A can be found here:**

<https://www.wocat.net/library/media/232/>

## More

The report on the Carbon Benefits project which produced the linked toolset, it just came out.

It can be accessed from the News page of the CBP website:

[News Articles – CBP \(colostate.edu\)](#)

Direct link to the UNEP document repository:

<https://wedocs.unep.org/bitstream/handle/20.500.11822/35890/CCMC.pdf>

Carbon Benefit Project: <https://banr.nrel.colostate.edu/CBP/>

WOCAT - the World Overview of Conservation Approaches and Technologies: <https://www.wocat.net>

LandPKS: <https://landpotential.org/>

## Meet the team

During the indicated periods, one of the team members is available for a video chat.

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