COLORADO STATE UNIVERSITY
EXTENSION

AFTER THE DISASTER GUIDEBOOK
Boulder County

A TOOLKIT FOR COMMUNITIES IMPACTED BY WILDFIRE

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TABLE OF CONTENTS

A NOTE FROM US	4
ACRONYMS	5
IMMEDIATE SAFETY	6
COMMUNICATION	7
MENTAL HEALTH & SELF CARE	9
RETURNING TO YOUR PROPERTY	12
INSURANCE, FINANCE, IMPORTANT DOCUMENTS	17
CLEANING & DEBRIS MANAGEMENT	22
CARING FOR ANIMALS AFTER WILDFIRE	26
LANDSCAPE RECOVERY	28
POST-FIRE FLOODING	31
STAY CONNECTED	33
GUIDEBOOK CONTRIBUTORS	34

The Boulder Star continues to be a symbol of unity, hope and resilience for our community in the face of difficult times like these. We hope the Boulder Star will provide comfort to all who gaze upon it in this moment of shared grief. Credit: Boulder Office of Emergency Management.

A NOTE FROM US

It's difficult to put into words the profoundly life-changing experience of surviving a wildfire. After the flames are out, the road to recovery is about more than filing claims, calls with agencies, clean-up, and what will feel like a never-ending to-do list. It's about the emotional healing of accepting what was lost, forgiving yourself for what you wish you would have done, and remember to have faith again in the future ahead. The smiles will eventually outweigh the tears—you'll emerge stronger and be amazed by your resilience.

No two recovery journeys are the same, and each present unique circumstances. CSU Extension has gathered a variety of resources based on insights from subject matter experts and survivors to provide guidance on the road to recovery. We hope you find this toolkit useful as you embark on the journey ahead.

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ACKNOWLEDGEMENTS

This toolkit would not have been possible without contributions from experts at Colorado State University Extension, Colorado State Forest Service, CSU's College of Veterinary Medicine and Biomedical Sciences and Warner College of Natural Resources. We would like to extend a special thank you to landowners impacted by the Pine Gulch and Cameron Peak Fires for sharing their recovery journey. Thank you to all who contributed.

ACRONYMS

Listed below are some of the common acronyms and their meaning that are used throughout this guidebook and throughout post-fire recovery.

Acronym	Definition
BAER	Burned Area Emergency Response
BCPH	Boulder County Public Health
BLM	Bureau of Land Management
BOEM	Boulder Office of Emergency Management / Boulder OEM
CDA	Colorado Department of Agriculture
CDPHE	Colorado Department of Health and Environment
CSFS	Colorado State Forest Service
CSU	Colorado State University
DOI	Division of Insurance
DOLA	Division of Local Affairs
DOR	Department of Revenue
DORA	Department of Regulatory Agencies
EPA	Environmental Protection Agency
EWP	Emergency Watershed Protection
FEMA	Federal Emergency Management Agency
FSA	Farm Service Agency
GIS	Geographic Information Systems
IRS	Internal Revenue Service
NAMI	National Alliance for Mental Illness
NOAA	National Oceanic and Atmospheric Administration
NRCS	Natural Resources Conservation Service
NWR	NOAA Weather Radio
NWS	National Weather Service
RMIIA	Rocky Mountain Insurance Information Association
SRFSN	Southern Rockies Fire Science Network
USDA	United States Department of Agriculture
USFS	United States Forest Service
WAVE	Watershed Assessment and Vulnerability Evaluation

IMMEDIATE SAFETY

LET OTHERS KNOW YOU'RE SAFE

Whether it's through phone or a designated meeting place, notify family or friends that you're safe.

CHECK IN AT BOULDER COUNTY'S EVACUATION CENTERS

Stopping at the evacuation center is another good way to let others know you're safe and could prevent firefighters from risking their lives looking for you and your family. It's also a way to connect with law enforcement, local and county administration, community organizations, and other survivors that may be there. It gives some survivors solace to know that there are people and resources ready to assist. Please respect COVID protocols and mask mandates. It is important that our communities maintain our health during this challenging time. View a list of evacuation centers at BoulderOEM.com.

WAIT UNTIL AUTHORITIES SAY IT'S SAFE TO RETURN

Returning to the scene puts you and others in danger, as well as obstructing firefighting efforts. There is significant danger from damaged trees, downed powerlines and other hazards that may be present on or near your property. Additionally, the behavior of fires is always changing and if conditions change, no one may know if you're there. People can be evacuated more than once in the same fire event; repeated returns and evacuations present challenges for emergency responders.

KNOW WHEN TO CALL 911

If you feel that you are in immediate danger, call 911. Fire updates and all resources (including lost pets) are at BoulderOEM.com. For fire status updates, call (**303) 413-7730** or sign up for text or email emergency alerts from Boulder County Sheriff's Office. During an active fire, the InciWeb Incident Information System will have details and fire maps that are regularly updated. This information is often more reliable than local news because it is managed by a fire communication specialist.

LIMIT WILDFIRE SMOKE EXPOSURE

Wildfire smoke harms healthy people, those with pre-existing health conditions, livestock, and pets. To reduce exposure to smoke, keep an eye on air quality reports from Boulder County Public Health or EPA AirNow.

KEEP UP WITH CURRENT WEATHER CONDITIONS

The NWS Forecast Office in Boulder provides active alerts on weather in the region. This office also operates transmitters for NOAA Weather Radios for the area by providing 24/7 information on watches, warnings and advisories.

IMMEDIATE SAFETY RESOURCES

Boulder Office of Emergency Management
(303) 413-7730 | BoulderOEM.com

Boulder County Emergency Alert Sign-Up
https://www.bouldercounty.org/safety/emergency/emergency-mass-notification-system/

InciWeb Incident Information System
inciweb.nwcg.gov

Boulder County Air Quality Conditions
https://www.iqair.com/us/usa/colorado/boulder

Boulder County Wildfire Resources
https://www.bouldercounty.org/disasters/wildfires/

EPA Air Now
www.airnow.gov

National Weather Service
www.weather.gov

NOAA Weather Radio Western Colorado
https://www.weather.gov/nwr/

Emergency Family Assistance Association (short-term housing)
https://www.efaa.org/get-help/family-housing/

COMMUNICATION

STARTING A RECOVERY NOTEBOOK

As soon as you've reached safety and notified family, friends, and local authorities that you're safe, it's time to start making phone calls to insurance, lenders, utilities, and other companies. As you're making phone calls, there are several details and dates to remember. Starting a recovery notebook to jot down details and keep track of paperwork can help you stay organized throughout recovery. When you're able, you'll want to get a notebook, folders, and pens but until then, we've included the template below and call list on the next page to help get your recovery notebook started.

FIRE (OR EVENT) INFORMATION

Fire or event name: _____

Incident number (if assigned): _____

Date of evacuation: _____

Date of loss (i.e., date home or land burned): _____

Notes and other information: _____

PHONE CALL CHECKLIST

Below is a suggested list of calls to make after evacuation based on what best fits your situation. Don't forget to take notes and feel free to add your own calls or to-dos on the right.

☐ Insurance Company

Give your insurance company as much information as you have even if you don't know the outcome of your home and land. Make sure they know the best way to reach you and you, them. This may be a good time to inquire about your policy and the next steps in the claims process. See the *Insurance, Finance, and Important Documents* section for a list of frequently asked questions for insurance representatives that you may find useful.

☐ Mortgage Company

If you have a mortgage on your home or land, you'll want to contact your lender's loss mitigation department and explain what has happened. As with the insurance company call, make sure you know the best way to reach each other as the situation progresses.

☐ Banks & Credit Card Companies

Call your bank and credit card companies to let them know what's going on. As you're buying replacement items that your bank or credit card company thinks you already own, it may trigger a fraud alert on your account(s).

☐ Post Office

With your mail, you have a few different options depending on what works best for you. You can request a mail hold for USPS to hold your mail for up to 30 days at usps.com or by calling **(800) 275-8777**. After 30 days you can have your mail forwarded to another address or you can get a P.O. Box.

☐ Doctor and/or Health Insurance

If any medications or supplies were left behind that will need to be replaced immediately, call to see if you are able to get replacements ASAP.

☐ Service Providers (utilities, electricity, gas, water, garbage, internet, etc.)

Notify your home service providers on the situation so that service can be paused or shut off for the time being. Double check to make sure that your automatic payments are also paused so you aren't paying for services you won't use for a while.

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MENTAL HEALTH AND SELF CARE

Disasters typically bring about feelings such as fear, shock, disbelief, grief, anger, and feelings of guilt. Memory loss, anxiety, depression, and flashbacks are all common occurrences. Many people have trouble concentrating, thinking clearly, or sleeping. Linda Masterson, author of *Surviving Wildfire*, and 2011 Crystal Fire survivor shares tips from experts and her own experience on taking care of yourself and your family during disaster recovery.

It's okay to not be okay

Allow yourself to recognize your own feelings and be patient with the changes in your emotional state. This is a difficult time, and you don't have to put on an about-face. No one is perfectly fine after experiencing a wildfire.

Rest and sleep

Sleep deprivation can interfere with your ability to function and make decisions. Try to get as much rest and sleep as you can. Relaxation techniques such as meditation or deep breathing may help if you have ongoing difficulties with sleep. Also avoid working on your claim or watching the news right before bed.

Arrange professional counseling

The Red Cross, Colorado 211, or your primary care doctor can connect you and your family to professionals who specialize in disaster related stress. Most health insurance plans, or employee assistance programs can help cover mental health or psychiatric care.

Engage in healthy behaviors

Eating well and getting some exercise will help you feel better and make your brain work better. Staying hydrated is also important as dehydration can worsen symptoms you may already be experiencing. Also limit or avoid alcohol as it can interfere with your sleep and ability to cope.

Stay connected

Social support is crucial to disaster recovery. Staying connected to your family, friends, neighbors, fellow survivors, and any other support network is helpful as you work through recovery.

Establish or reestablish routines

This can include eating meals at set times, sleeping and waking on a set schedule, or sticking to a workout routine. Include some positive routines, such as taking a walk or reading a good book, to give yourself something to look forward to during these trying times.

Monitor and limit media exposure

During disasters, the non-stop TV, radio, internet, and social media coverage can make things worse. Unfortunately, all of the news may not be completely accurate, which can add to your stress. As compelled as you may feel to follow all of it, try to stick to the daily official briefings.

Photo credit: Channing Bice, CSU Student

MENTAL HEALTH AND SELF CARE RESOURCES

Coping with Disaster
Ready.gov
www.ready.gov/coping-disaster

Coping with Natural Disasters
CSU Extension
bit.ly/copingwithnaturaldisasters

Helping Children Cope with Disaster
FEMA
www.fema.gov/pdf/library/children.pdf

Recovering Emotionally from Disaster
American Psychological Association
www.apa.org/topics/disasters-response/recovering

Mental Health After a Wildfire
Boulder County
https://www.bouldercounty.org/safety/fire/mental-health-after-a-fire/

LOCAL CONTACTS

Boulder Mental Health Partners
https://www.mhpcolorado.org/

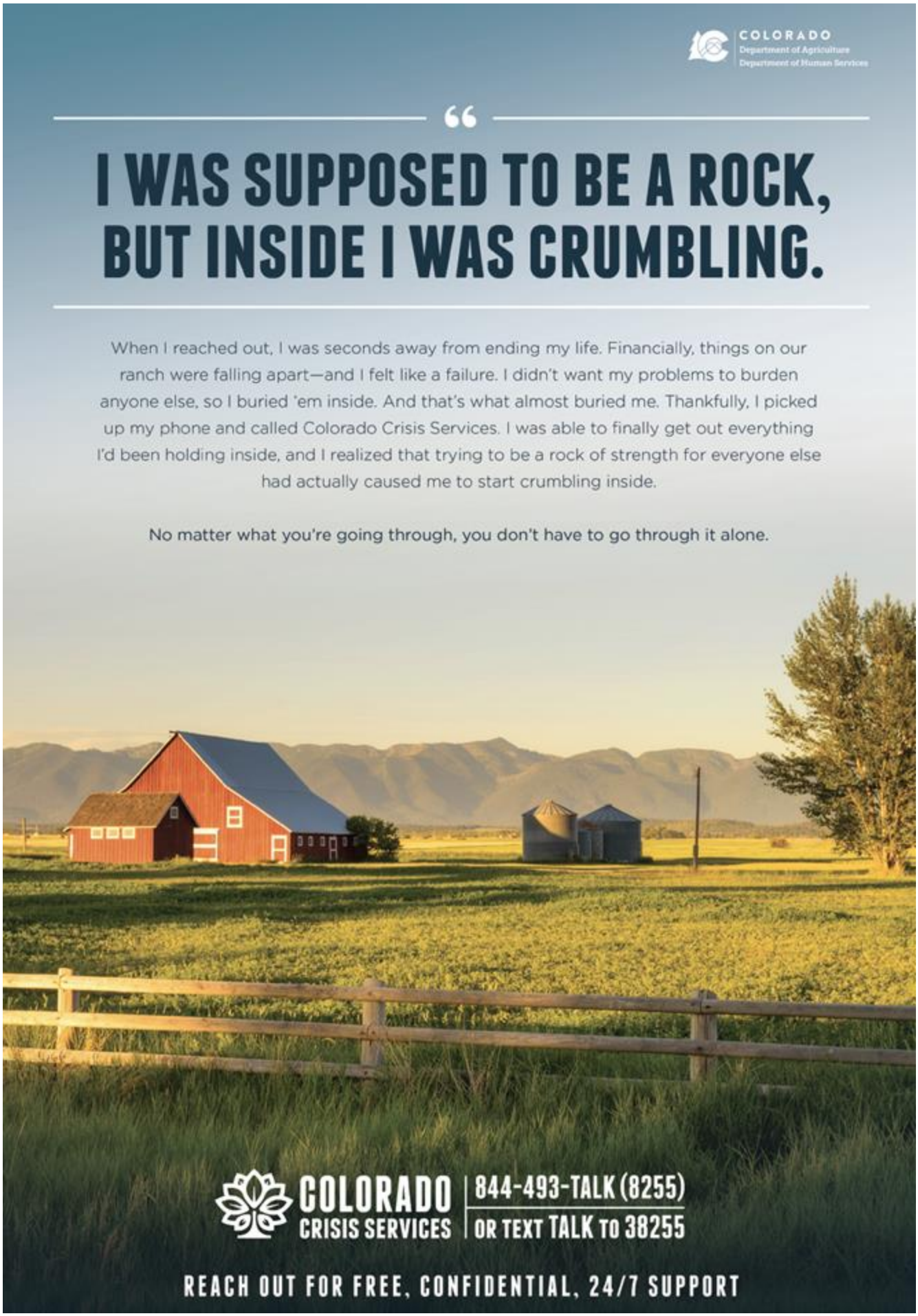
Crisis Text Line
Text TALK to 38255
Need2text.com

Disaster Distress Helpline
Call 1-800-985-5990
Text 'TalkWithUs' to 66746

Colorado 211 Information & Referral Line
211 or (866) 760-6489
www.211colorado.org

Boulder County Public Health
https://www.bouldercounty.org/departments/public-health/

Colorado Crisis Services
(844) 493-8255
https://coloradocrisisservices.org/home-alt/


COLORADO
Department of Agriculture
Department of Human Services
I WAS SUPPOSED TO BE A ROCK, BUT INSIDE I WAS CRUMBLING.
When I reached out, I was seconds away from ending my life. Financially, things on our ranch were falling apart—and I felt like a failure. I didn't want my problems to burden anyone else, so I buried 'em inside. And that's what almost buried me. Thankfully, I picked up my phone and called Colorado Crisis Services. I was able to finally get out everything I'd been holding inside, and I realized that trying to be a rock of strength for everyone else had actually caused me to start crumbling inside.
No matter what you're going through, you don't have to go through it alone.
COLORADO CRISIS SERVICES
844-493-TALK (8255)
OR TEXT TALK TO 38255
REACH OUT FOR FREE, CONFIDENTIAL, 24/7 SUPPORT

RETURNING TO YOUR PROPERTY

CSU Extension agents Drew Walters (left) and Susan Carter (right) replanting shrubs on Tom Brigham's property. Photo credit: Kamie Long, CSFS

"Whatever the news, no matter how bad or good it may be, there can be no next steps until you know what you're dealing with." - Linda Masterson, Surviving Wildfire

Although the flames are out, unfortunately, there are dangers that remain. Some hazards that may exist include flash flooding, structural damage, downed powerlines, unstable roads, weakened trees, hot spots, or wildlife predators that have moved into the area. Survivors recommend making an initial trip to assess the extent of damage, post-fire hazards, and plan for restoration tasks that need to be accomplished first, before beginning clean-up or returning home.

Regardless of the extent of the fire damage to your home or land, returning after the fire will be an emotional experience. For the first viewing and initial assessment, you'll want to make sure to bring a camera, notepad, and box of Kleenex. The first steps to recovery will start with assessing and documenting your losses. **Be sure to take plenty of pictures and notes before moving anything around.** If your adjustor is coming with you, take good notes of your conversation.

Also wait to bring back pets and livestock from their evacuation location until you know the extent of damage and hazards that may exist such as, downed fences, hot spots, or predators that may have moved into the area. The following pages include re-entry safety tips and a post-fire supply list.

POST-FIRE SUPPLY LIST

Below is a suggested list of supplies to grab before you go out to view your property. Feel free to adapt this list based on your situation or add other items on the right.

Attire

□ Sturdy, close-toed shoes
□ Work gloves
□ Long sleeves and pants you don't mind getting dirty
□ Masks (N-95 or P-100 rated)
□ Hard hat

Supplies for documenting damage

□ Camera (cell phone camera will do)
□ File folders
□ Pens
□ Highlighters
□ Post-it notes
□ Laptop

Cleaning supplies

□ Heavy duty trash bags
□ Household cleaner
□ Bucket
□ Bleach
□ Dish soap
□ Cleaning towels and rags
□ Vacuum with HEPA filter
□ Tarps
□ Broom
□ Rake

First aid supplies

□ Battery powered radio (for updates and weather reports)
□ Batteries
□ Aspirin
□ Adhesive bandages
□ Sterile gloves
□ Ointment (antibiotic and burn)
□ Soap
□ Sunscreen
□ Insect repellent with DEET
□ Thermometer
□ Antibiotic wipes
□ Alcohol-based hand sanitizer

Snacks and water

□ Non-perishable snacks (e.g., granola bars, crackers, jerky)
□ Bottled or gallons of water

OTHER SUPPLIES

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SAFETY TIPS FOR RETURNING

When you are given approval by a fire authority to return to your property, keep the following safety tips in mind as you re-enter.

KEEP AN EYE (OR EAR) ON THE WEATHER

When rain falls over a burned area upstream of your location after a wildfire, flash flooding can occur. Avoid burned areas, storm drains and natural drainages. Keep a NOAA weather radio handy for emergency updates, weather, and news reports.

USE CAUTION AND GOOD JUDGMENT

Smoke, sparks, ash pits, hot spots, or hidden embers should be avoided. Deeply charred or smoking trees, poles, and wires on the ground are dangerous. If another fire or emergency occurs while assessing damage, call 911.

DRIVING & WALKING THE PROPERTY

Watch for downed or unstable trees, brush, rocks, and utility poles. Roads may also have debris or damage. Take a walk around the property to find hotspots and downed fences to help keep pets and livestock safe.

ARRIVING AT YOUR HOME

Prior to returning, check in with your local fire authority to make sure it's safe to return. Be wary of structural instability and hot embers. Check gutters, roofs, overhangs, decks, and wood/debris piles for embers. Look for any hot embers in attics, crawl spaces, or vents.

CHECK FOR UTILITY DAMAGE

Before using any utilities, lines, meters, or propane tanks should be inspected by a professional for damage. Call your service provider to see if their technicians have already come to your property to inspect your utilities or see if an appointment needs to be scheduled.

ASSESSING YOUR WATER & SEPTIC SYSTEM

Before using a private well, it should be inspected for damage. Depending on the damage, a well technician may be needed. The fire may have contaminated water, so test it before drinking it. Water testing kits are available through Boulder County Public Health. In certain situations, municipal water may not be safe to drink. Follow CDC instructions to boil water.

RESTORATION TASKS AND NEXT STEPS

As you assess your property, use this worksheet to help develop a plan for restoration tasks that will need to be completed. Some tasks to consider may include but are not limited to, securing the site against further damage, estimating and repairing structural damage, and general cleaning. Depending on the level of damage, assistance of a building or utility professional may be required.

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Pine Gulch Fire burn scar, Garfield County, CO.
Photo credit: Channing Bice, CSU Student

RETURNING TO YOUR PROPERTY RESOURCES

Boulder Rural Living Resource Guide – Disasters and Emergencies
CSU Extension
https://boulder.extension.colostate.edu/wp-content/uploads/sites/7/2021/03/BoCo-Rural-Living-Guide-Emergencies-Disasters-Rev-1.pdf

Addressing the Impacts of Wildfire on Water Resources
CSU Extension
bit.ly/wildfirewaterresources

Assessing Your Homesite After a Wildfire
CSU Extension
bit.ly/assessingyourhomesite

Emergency Water Supplies & Treatment
CSU Extension
bit.ly/emergencywatersupplies

Use of Wells and Septic Systems Following a Wildfire
CSU Extension
bit.ly/wellsandsepticsystems

What to Do After a Wildfire: Returning Home & Recovering After a Wildfire
American Red Cross
www.redcross.org/get-help/how-to-prepare-for-emergencies/types-of-emergencies

LOCAL CONTACTS

City Of Boulder Wastewater Utility
4049 North 75th Street, Boulder
(303) 441-3200

Diamond Operating Inc
6666 Gunpark Drive, Boulder
(303) 494-4420

Harvest Energy Services Inc
2960 Center Green Court, Boulder
(303) 284-7566

Knollwood Water District
Green Rock Drive, Boulder
(303) 442-6970

Pinebrook Water District
1903 Linden Drive, Boulder
(303) 443-5394

Tiger Natural Gas
1431 Upland Avenue
(303) 443-5394

Xcel Energy
2655 N 63rd St, Boulder
(303) 245-2254

Energy Outreach Colorado
Emergency repair/replacement of heating units, efficiency upgrades, bill pay help.

Photo credit: Channing Bice, CSU Student

INSURANCE, FINANCE, & IMPORTANT DOCUMENTS

Destructive wildfires can be financially stressful, and in some cases, devastating. Having good records organized and stored in a safe location (e.g., safe deposit boxes, digital backups) will make insurance claims, taxes and filing for financial assistance go smoother down the road. The resources on the following pages can help you work with insurance, finance and funding options, and replace important documents. Here are a few more financial pointers to keep in mind.

- Before beginning any clean-up, restoration, or debris removal, contact your insurance representative to review your policy coverages, set up a timeline for meeting with your adjustor, and determining the best way to document losses. For help finding your insurer or agent, reach out to the Colorado Division of Insurance at **(303) 894-7490** or visit doi.colorado.gov.

- Take several photos from multiple angles or videos with narration to describe the damage and previous features of your home, personal property and land. This will help with insurance claims and applications for assistance programs.

- Survivors recommend double checking your phone for old photos to help give you and the insurance company an idea of what possessions have been lost or damaged. For example, if you have a photo from a holiday gathering in your living room last year, you may be able to see items in the background that you can add to your home inventory.

- Keeping track of your receipts from restoration and recovery projects will be important as you work through your insurance claim or apply for assistance programs. Also, look through your email account for any pre-fire purchases to help with valuing items.

- Flood preparedness is a top priority following a wildfire; if possible, flood insurance should be purchased. Visit www.floodsmart.gov to learn more about flood insurance.

FREQUENTLY ASKED QUESTIONS FOR INSURANCE REPRESENTATIVES

Below is a list of questions that people frequently ask their insurance company following a major loss that you may find useful. Feel free to modify, add or remove questions for your situation and don't forget to take good notes. Questions adapted from Insurance Institute for Business and Home Safety.

□ How much is my home (or property) insured for?

□ What is covered by my insurance policy and how much is my deductible?

□ When should I expect to hear from my adjuster?

□ Does my policy cover the replacement value for my home and property?

□ What is the best way for me to document damage and start my inventory? Is there a specific template or form I should use?

□ Does my policy cover additional living expenses? If so, for how long or is there a spending limit?

□ Does my policy include debris removal and clean-up coverage?

□ What coverage do I have for my detached buildings (garage, shops, barns)?

□ Does my policy help cover the cost of replacing trees, shrubs, and other landscaping?

□ Does my policy cover the increased cost of upgrades based on changes in building codes or laws? If so, how much?

□ What coverage do I have in case of post-fire flooding? If I don't have coverage, what options do I have?

□ Will my homeowners policy or automobile policy pay for vehicles that were parked in my garage and damaged?

□ Are there any discounts I qualify for or ways I can decrease my premium?

NOTES

INSURANCE RESOURCES

As you assess losses and begin working with insurance, check out the resources below for templates, tips and more information.

Ag Damage Assessment and Economic Loss Estimation
United States Department of Agriculture

bit.ly/agdamageloss

Colorado Step-by-Step Home Insurance Claim Guide
Rocky Mountain Insurance Information Association (RMIIA)

bit.ly/rmiia-step-by-step

How to Create a Home Inventory
United Policyholders

bit.ly/createhomeinventory

Insurance Claim Tips for Partial Loss Fires
United Policyholders

bit.ly/partiallossfire

Insurance Tips for Coloradans Impacted by Wildfires
Colorado Division of Insurance

bit.ly/coloradansimpactedbywildfires

Sample Insurance Claim Letters and Documents
United Policyholders

bit.ly/lettersanddocs

Photo credit: Channing Bice, CSU Student

FINANCIAL RESOURCES

- **Disaster Losses and Related Tax Rules**
  Rural Tax Education
  bit.ly/disasterlossesandtaxrules

- **Weather-Related Sales of Livestock**
  Rural Tax Education
  bit.ly/weather-relatedsalesoflivestock

- **Properties Destroyed by Natural Disaster (Video)**
  Colorado Division of Taxation
  bit.ly/COTaxationRulesforProperties

- **Wildfire Relief**
  American Red Cross
  www.redcross.org

- **Disaster Assistance Programs**
  Farm Service Agency
  bit.ly/FSADisasterAssistancePrograms

- **Emergency Watershed Protection Program Factsheet**
  Natural Resources Conservation Service
  bit.ly/NRCSEWPfactsheet

- **Grants & Funding Assistance**
  Colorado State Forest Service
  csfs.colostate.edu/funding-assistance/

LOCAL CONTACTS

- **Boulder County Assessor's Office**
  (303) 441-3530
  https://www.bouldercounty.org/departments/assessor/

- **Boulder County Commissioners**
  (303) 441-3500
  https://www.bouldercounty.org/government/elected-officials/commissioners/

- **Boulder County Clerk & Recorder**
  (303) 413-7710
  https://www.bouldercounty.org/departments/clerk-and-recorder/

- **Boulder County Treasurer**
  (303) 441-3520
  https://www.bouldercounty.org/property-and-land/treasurer/

- **Boulder County Farm Service Agency (FSA)**
  (303) 776-1242 ext 2
  https://www.fsa.usda.gov/state-offices/Colorado/index

- **Colorado IRS Office**
  https://www.irs.gov/help/contact-my-local-office-in-colorado

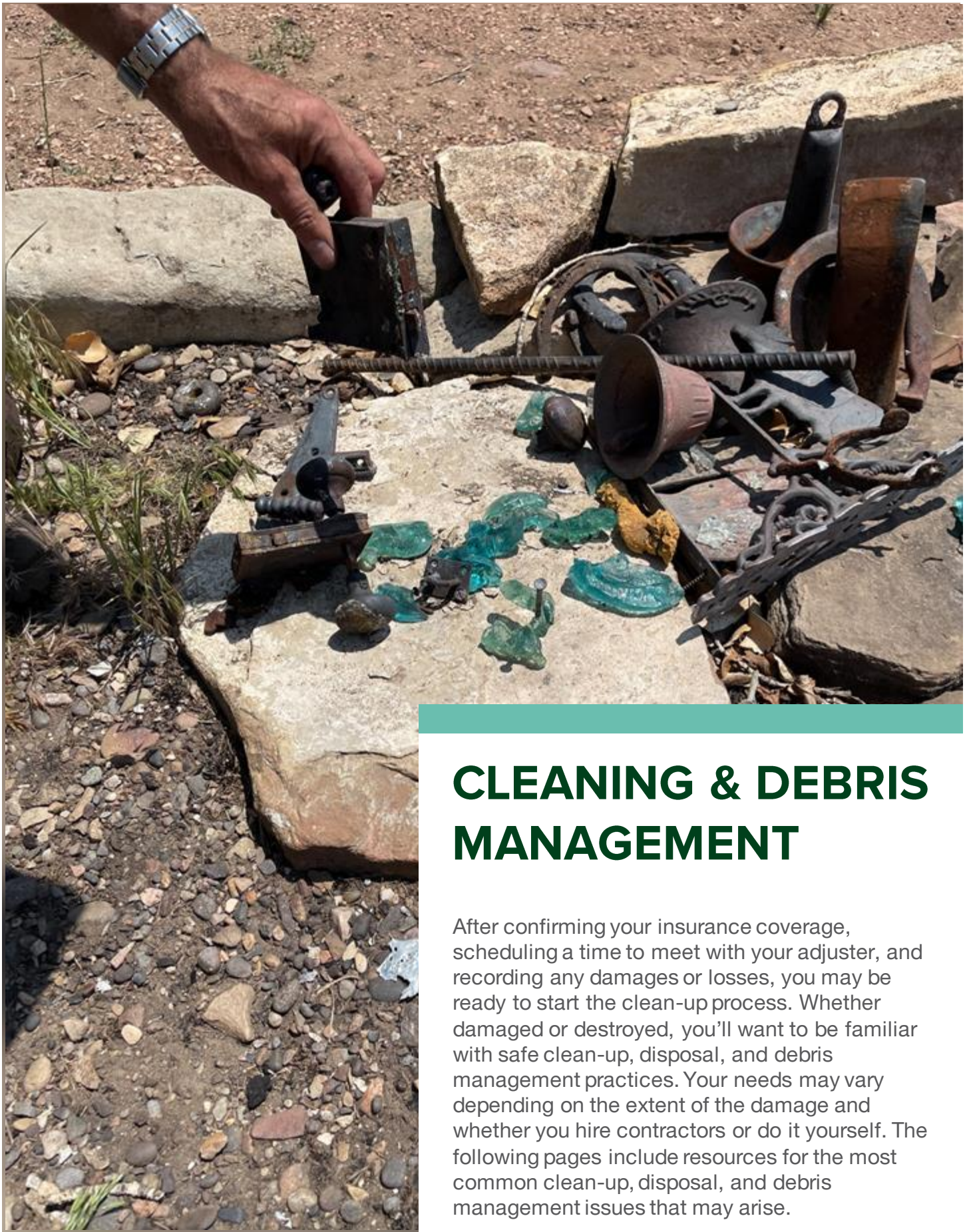
REPLACING IMPORTANT DOCUMENTS

If you were unable to make it out of your house with important personal documents, the table below provides information on how to replace them.

Document Type	Contact Information
Colorado Driver's License, Vehicle Registration, or Titles	Visit Colorado's DMV online portal at **mydmv.colorado.gov** or call **(303) 205-5600.**
Bank Checks, ATM, or Debit Cards	Contact your financial institution or the FDIC at **(877) 275-3342** or **www.fdic.gov.**
Credit Cards	Contact the issuing institution: • American Express: **(800) 528-4800** or **www.americanexpress.com** • Discover: **(800) 347-2683** or **www.discover.com** • Mastercard: **(800) 307-7309** or **www.mastercard.us** • Visa: **(800) 847-2911** or **usa.visa.com**
Social Security Cards	Visit **www.ssa.gov** or call **(800) 772-1213**
Birth or Death Certificates	• For Colorado-issued birth or death certificates, contact CDPHE Vital Records by calling **(303) 692-2200** or visit **cdphe.colorado.gov/vitalrecords.** • For out-of-state issued birth or death certificates, visit **www.cdc.gov/nchs/w2w/index.htm** • For birth or death certificates issued abroad, visit **travel.state.gov/content/travel/en/records-and-authentications.html**
Marriage or Divorce Records	Copies of marriage and divorce records are available from the county that issued them. For Boulder County records, contact **(303) 441-3525** or visit https://www.bouldercounty.org/records/.
Passports	Contact the U.S. State Department at **(877) 487-2778** or visit **travel.state.gov/content/travel/en/passports/have-passport/lost-stolen.htm.**
Income Tax Records	Find your local IRS office at **www.irs.gov/help/contact-my-local-office-in-colorado** or call the Denver IRS office at **(303) 446-1675.**
Military Records	Contact the National Archives and Records Administration at **(866) 272-6272** or visit **www.archives.gov/contact.**

For contact information on replacing other important personal documents, check out:

- Replacing Important Documents in Colorado (CSU Extension): **bit.ly/COimportantdocs**
- Checklist of Important Legal Documents (FDIC): **bit.ly/FDICimportantdocschecklist**
- Replace Your Vital Records (USA.gov): **www.usa.gov/replace-vital-documents**



Tom Brigham, Pine Gulch Fire survivor, sifts through rubble of his property. Photo credit: Channing Bice, CSU Student

CLEANING & DEBRIS MANAGEMENT

After confirming your insurance coverage, scheduling a time to meet with your adjuster, and recording any damages or losses, you may be ready to start the clean-up process. Whether damaged or destroyed, you'll want to be familiar with safe clean-up, disposal, and debris management practices. Your needs may vary depending on the extent of the damage and whether you hire contractors or do it yourself. The following pages include resources for the most common clean-up, disposal, and debris management issues that may arise.

Debris left behind on Tom Brigham's property from the Pine Gulch Fire. Photo credit: Kamie Long, CSFS

TIPS FOR SAFELY CLEANING FIRE ASH

Resource adapted from Mesa County Sheriff's Office.

Ash can be deposited on indoor and outdoor surfaces during and after wildfires and contains trace amounts of cancer-causing chemicals. The ash from trees and vegetation is typically non-toxic; ash from constructions can be contaminated with mercury, asbestos, and lead, making it toxic. Fire ash can irritate skin, especially sensitive skin. Inhaled ash can induce nasal and throat irritation, as well as coughing. Asthma episodes can be triggered by airborne ash. As you begin the clean-up process, keep the following health and safety tips in mind.

- Keep children, pets, and livestock out of burn debris or ash sites.
- Well-fitting N-95 or P-100 masks can help protect during cleanup by blocking more ash particle inhalation than dust or surgical masks.
- When cleaning ash, wear gloves, long-sleeved shirts, and long pants to avoid skin contact. If you, a family member, or pet comes into contact with ash, wash it off as quickly as possible.
- As much as possible, avoid stirring or shifting ash. Before lightly sweeping, mist indoor and outdoor hard surfaces to keep down dust. Follow up with wet mopping or a damp cloth.
- On lightly dusted indoor and outdoor surfaces a damp cloth or wet mop may be all that is needed.
- If available, utilize HEPA filter vacuums instead of shop vacuums or other non-HEPA vacuums. HEPA filter vacuums will filter out minute particles rather than blowing them into the air.
- Food, beverages, or medications that have been exposed to burn debris or ash should not be consumed.
- If you have a vegetable garden or fruit trees, thoroughly wash the produce before eating.
- Clean all utensils and dishware before use by washing them in a strong detergent solution and then soaking them in a bleach solution of one teaspoon of bleach per quart of water for 15 minutes.

CLEANING RESOURCES

Check out the following resources for more information on safe and effective after wildfire clean-up in your home.

Cleaning Up After a Fire Disaster
Utah State University Extension

Visit bit.ly/USUcleanafterfire for more information on cleaning smoke damage, fire retardant, soot, ash, both indoors and outdoors.

Cleaning Up and Removing Smoke Odor
American Red Cross

Check out bit.ly/cleaningsmokeodor for more detailed indoor clean-up advice and cleaning mixtures for removing smoke odor from clothes, walls, and surfaces.

Returning to Your Home Kitchen After Wildfire
CSU Extension

Visit the CSU Extension website for resources on supplies and considerations for cleaning refrigerators and freezers, as well as information on food safety.

Food Safety, Disaster Recovery Guide
Colorado Department of Public Health and Environment

Visit bit.ly/CDPHEfoodsafety for more detailed information on preventing foodborne illness, food safety after power loss and food exposure to wildfire smoke.

DEBRIS AND DISPOSAL RESOURCES

A good place to start is by checking in with your local landfill restrictions for disposing fire debris, hazardous materials, carcasses, and other waste. Boulder County Waste Services can be contacted by visiting https://www.bouldercounty.org/environment/sustainability/waste-services/.

Debris Cleanup, Disaster Recovery Guide
Colorado Department of Public Health and Environment

Visit bit.ly/CDPHEdebriscleanup for more information on the safe cleanup of debris, ash, hazardous materials, and emergency livestock disposal.

Asbestos and Natural Disasters Guide
The Mesothelioma Center

Check out asbestos.com/asbestos/natural-disasters for information about materials containing asbestos and how to minimize your exposure after a wildfire.

Animal Carcass Disposal
Colorado Department of Public Health and Environment

This resource has more information on safe carcass disposal and staying in compliance with disposal regulations. Check it out at bit.ly/CDPHEanimalcarcass.

Livestock Mortality Composting Guide
Montana State University Extension

Visit bit.ly/livestockmortality for more information on disposal for large and small operations in semi-arid western regions.

Photo credit: Chelsea Bonser, CSU Student

Photo credit: Chelsea Bonser, CSU Student

CARING FOR ANIMALS AFTER WILDFIRE

When it is safe to bring your animals back to your property after disaster, remember to handle them calmly and carefully. They will likely be stressed or confused and may react with unexpected behavior. Keep the following tips in mind:

- When it is safe to do so, check pens, barns, and sheds for damage, and check pastures for debris. Move animals to safe areas.
- Check pets and livestock for injury and tend to minor injuries promptly. For animals with serious injuries or long-term behavioral issues, contact a veterinarian for help.
- Make sure your animals have plenty of fresh food and water. Cover their food, hay, and water to keep ash and other contaminants out.
- Smoke, while irritating to humans, can be harmful to animals. If you can see or feel the effects of smoke, take precautions to protect your pets and livestock from smoke exposure.
- Animals can become disoriented easily after a wildfire and get lost. Be sure that pets and livestock are wearing their identifiers (collars with IDs, microchips, tags, brands, etc.) with your name, address, and phone number.
- Look for lost and found pets at local animal shelters or on Facebook pages like Boulder County Fire Lost & Found Pets. If your pet is missing, file a lost and found report with the Office of Emergency Management.
- For animals needing to be rescued or for help with carcass disposal, call your county's emergency management services or county extension office.
- Document and report all livestock and poultry losses immediately to your county Farm Service Agency (FSA).
- After wildfire, be sure your livestock are pastured somewhere safe from post-fire flooding, if possible.

Cash Brigham helps with replanting on his Dad, Tom's, property. Photo credit: Channing Bice, CSU Student

ANIMAL CARE RESOURCES

Wildfire Smoke and Animals
American Veterinary Medical Association
bit.ly/wildfiresmokeandanimals

Animal Rescue Request Form
Boulder County Office of Emergency Management
https://survey123.arcgis.com/share/add48738c8fa4ace846f3a9e3d3a5dd1

Colorado Hay Directory
Colorado Department of Agriculture
ag.colorado.gov/markets/hay-resources

Caring for Livestock After Disaster
CSU Extension
bit.ly/caringforlivestock

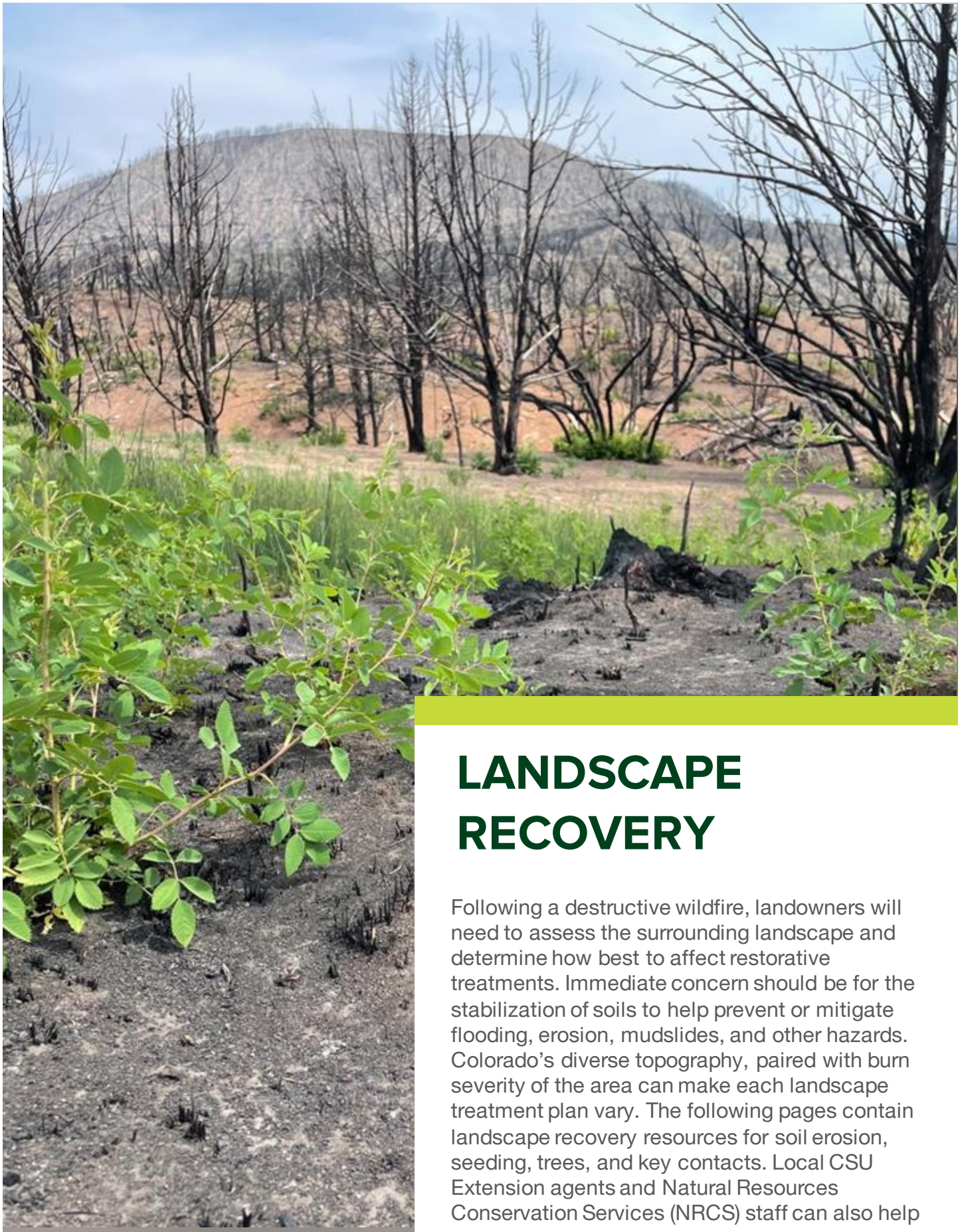
Checklist of Considerations for Post-Fire Management
Texas A&M Extension
bit.ly/checklistforpost-fire

Fencing with Wildlife in Mind
Colorado Parks and Wildlife
bit.ly/fencingwithwildlife

Livestock Industry Wildfire Injuries
Colorado Livestock Association
https://coloradolivestock.org/wildfire-livestock-health-management/

LOCAL CONTACTS

- **CSU Extension Boulder County**
  (303) 678-6238
  https://boulder.extension.colostate.edu/
- **Boulder County Animal Services**
  https://www.bouldercounty.org/safety/animals/
- **CDA Brand Inspection Division**
  (303) 869-9000
  ag.colorado.gov/brands
- **Boulder County Farm Service Agency (FSA)**
  (303) 776-1242 ext 2
  https://www.fsa.usda.gov/state-offices/Colorado/index



Woods' Rose and Gamble Oak regrows in the Pine Gulch Fire burn scar. Photo credit: Channing Bice, CSU Student

LANDSCAPE RECOVERY

Following a destructive wildfire, landowners will need to assess the surrounding landscape and determine how best to affect restorative treatments. Immediate concern should be for the stabilization of soils to help prevent or mitigate flooding, erosion, mudslides, and other hazards. Colorado's diverse topography, paired with burn severity of the area can make each landscape treatment plan vary. The following pages contain landscape recovery resources for soil erosion, seeding, trees, and key contacts. Local CSU Extension agents and Natural Resources Conservation Services (NRCS) staff can also help provide recommendations.

Globe Mallow regrows in Pine Gulch Fire burn scar. Photo credit: Kamie Long, CSFS

Indian Paintbrush emerges after the Pine Gulch Fire. Photo credit: Kamie Long, CSFS

LANDSCAPE RECOVERY RESOURCES

SOIL EROSION

Understanding Burn Severity Photo Guide
Coalitions & Collaborations
bit.ly/burnseverity

Soil Erosion Control After Wildfire
CSU Extension
bit.ly/soilerosioncontrol

What Are Hydrophobic Soils?
NRCS
bit.ly/hydrophobicsoils

Erosion Control Techniques & Supplies
NRCS
bit.ly/erosiontechniques

SEEDING

Grass Seed Mixes to Reduce Wildfire Hazard
CSFS
bit.ly/grassseedmixes

Native Grasses for Colorado Landscapes
CSU Extension
bit.ly/COnativegrasses

Seeding After Wildfire
NRCS
bit.ly/seedafterwildfire

Replanting in Burn Areas Tips for Success
CSFS
bit.ly/replantingburnareas

Garfield County Extension Agent, Drew Walters, helps with replanting after Pine Gulch Fire. Photo credit: Kamie Long, CSFS

LANDSCAPE RECOVERY RESOURCES CONTINUED

TREES AND VEGETATION

Longmont & Boulder Valley Conservation Districts Seedling Trees
Longmont & Boulder Valley Conservation Districts
https://www.longmontcd.org/programs-services/seedling-trees

Seedling Trees – CSFS Nursery Fort Collins
CSFS
https://csfs.colostate.edu/seedling-tree-nursery/

Wildfire Severity Photo Guide for Assessing Trees
Montana State University Extension
bit.ly/treephotoguide

Native Trees for Colorado Landscapes
CSU Extension
bit.ly/COnativetrees

Insects and Diseases Associated with Forest Fires
CSFS
bit.ly/insectsanddiseases

Post-Fire Conditions in Various Fuel Models in the Southern Rockies Region
SRFSN | Colorado Forest Restoration Institute
bit.ly/postfireconditions

Post-Fire Restoration & Rehabilitation
CSFS
csfs.colostate.edu/forest-management/restoration-rehabilitation

LOCAL CONTACTS

CSU Extension Boulder County
(303) 678-6238
https://boulder.extension.colostate.edu/

Colorado State Forest Service Nursery
(303) 823-(970) 491-8429
https://csfs.colostate.edu/seedling-tree-nursery/

NRCS Longmont Field Office
(720) 378-5533
nrcs.usda.gov

Longmont & Boulder Valley Conservation Districts
(720) 378-5521
longmontcd.org

Rain in the Pine Gulch fire burn scar causes post-fire flooding. Photo credit: Malli Larson, Garfield County, CO

POST-FIRE FLOODING

Wildfires have increased the risk of flooding in many areas of Colorado in recent years. The dramatic changes in landscape and ground conditions after wildfires increases the risk of flooding during heavy rains. Burned landscape is unable to absorb rain as effectively as it did before the fire, resulting in runoff conditions like those found in parking lots. Flooding is most common during the summer and early fall, when thunderstorms develop during the monsoon season. Rainfall over the burned area collects in streams causing flash floods carrying downed trees, boulders, gravel, and other debris. The resources on the following pages will help landowners downstream understand how to reduce risk and prepare for flooding.

Post-fire flooding in the Pine Gulch Fire burn scar. Photo credit: Malli Larson, Landowner, Garfield County, CO

Post-fire flooding causes debris flow in the Cameron Peak Fire burn scar. Photo credit: Woody Petty, Forest Ranger Larimer County, CO

POST-FIRE FLOODING RESOURCES

Watershed Assessment and Vulnerability Evaluation (WAVE) Program
Colorado Water Center | CSU Extension
bit.ly/WAVEprogram

Post-Wildfire Hazards: Mudslides and Debris Flow
Colorado Geological Survey
bit.ly/postwildfirehazards

Flood After Fire Infographic
FEMA
bit.ly/floodsfollowfires

Colorado Flood Threat Bulletin and Map
Colorado Water Conservation Board
coloradofloodthreat.com/

Actions to Take Before a Flood Occurs
After Wildfire New Mexico
bit.ly/actionsbeforeflood

Find a Flood Insurance Provider in Colorado
FEMA | National Flood Insurance Program
www.floodsmart.gov/flood-insurance-provider

LOCAL CONTACTS

NRCS Longmont Field Office
(720) 378-5533
nrcs.usda.gov /
https://www.nrcs.usda.gov/wps/portal/nrcs/site/co/home/

STAY CONNECTED

The Marshall Fire resulted in hundreds of homes lost and/or damaged. Every loss and the emotions that come with it matter. It's okay to grieve life prior to the wildfire, mourn what has been lost, feel overwhelmed by the work ahead, and the multitude of other feelings you may experience. Like a wildflower, you too will grow again in new ways, you may not have thought possible.

Throughout the development of this guidebook, one theme held constant. Amidst the heartbreak, we found ourselves captivated by the resilience of survivors. Although it may feel like all is lost, your connections with family, friends, and the community, will prove to be the most valuable asset to your recovery.

Whether you've known CSU Extension and our partners for a while or we've just connected, we hope to stay in touch along the way. Don't hesitate to contact us if we can be of further assistance or you're interested in getting involved in community recovery efforts.

You've got this.

BOULDER COUNTY
COLORADO STATE UNIVERSITY EXTENSION

CSU Extension Boulder County
(303) 678-6238
https://boulder.extension.colostate.edu/

Longmont and Boulder Valley Conservation Districts

Longmont & Boulder Valley Conservation Districts
(720) 378-5521
longmontcd.org

Boulder County

Boulder County
https://www.bouldercounty.org/

Sego lily emerges in the Pine Gulch Fire burn scar. Photo credit: Channing Bice, CSU Student

Left to right: Susan Carter, Tom Brigham, Doug Dean, Channing Bice, Drew Walters, and Kamie Long work on replanting in Pine Gulch Fire burn scar. Photo credit: Kamie Long, CSFS

Tom Brigham (left) and Doug Dean (right) replant shrubs near a creek on Tom's property after the Pine Gulch Fire. Photo credit: Channing Bice, CSU Student

GUIDEBOOK CONTRIBUTORS

The contributors listed below were able to bring a wide range of perspectives including, landowners that experienced post-fire impacts, extension agents that have assisted with recovery efforts, and subject-matter experts on emergency management, forestry, fire science, animal care, and communication. We hope you find this toolkit useful, and we welcome any feedback you may have so that we can continue to improve it.

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