



A Radical Center Production

FBUNDANE E

NOVEMBER 11-13, 2015 ALBUQUERQUE, NEW MEXICO

### Table of Contents

| A NEW VISION FOR CULTIVATING ABUNDANCE                                |
|---|
| THE CENTER HOLDS 3  |
| QUIVIRA COALITION PROGRAMS 4-5  |
| CONFERENCE SPONSORS AND SUPPORTERS 6                                  |
| WEDNESDAY EVENTS  |
| FUNDAMENTALS OF SOILS 7   |
| CAPTURING EVERY DROP: USING KEYLINE<br>DESIGN AND PLUG AND SPREAD TO  |
| REGENERATE DEGRADED LANDSCAPES 7                                      |
| 5TH ANNUAL NEW AGRARIAN CAREER CONNECTION8                            |
| PAUL HAWKEN FUNDRAISER 9  |
| CONFERENCE AGENDA 10-11   |
| THURSDAY EVENING EVENTS   |
| THE CLARENCE BURCH AWARD 12   |
| 2015 CLARENCE BURCH AWARD WINNER: COURTNEY WHITE13                    |
| 2015 AWARDS FOR OUTSTANDING<br>LEADERSHIP IN THE RADICAL CENTER 14-15 |
| BOOKS AND PRODUCTS STORE  |
| EXHIBITORS 17   |
| ACKNOWLEDGEMENTS  |
| SPEAKER INFORMATION 20  |
| BOARD AND STAFF 21  |

# A New Vision for Cultivating Abundance

oday Quivira is at the forefront of a new movement that regards agriculture, conservation and all other productive human endeavors as one practice, with one set of values. Our long-term vision includes local, sustainable food production from ranches and farms that utilize an innovative and rapidly expanding toolbox to simultaneously manage land health, biodiversity and human wellbeing. Our vision also includes agrarians working to sequester carbon in soils, improve water quality and quantity, restore native plant and animal populations, fix creeks, develop local energy sources and replenish the working landscape for people and

nature alike. It is a vision of coexistence, resilience

outside it.

and stewardship—a place for people in nature, not

Over the past eighteen years, Quivira has developed many tools for the conservation toolbox and demonstrated the success of hundreds of viable solutions for the most pressing challenges of our time. But we haven't yet found a way to get these solutions implemented at *scale*. Thus, Quivira's unique role now is to cultivate an army of practical visionaries. Our first step will be to develop a larger, more inclusive radical center. We'll start this work by going back to our roots—*DO*, *TEACH*, *SPARK*—and reimagining what each of these requires within the new movement.

Quivira has always been committed to beta-testing good ideas on the land, but now **DOING** will mean something more expansive:

- Extending our sphere of influence to regenerate whole landscapes
- Actively pursuing partnerships with an expanding variety of stakeholders
- Incorporating peer-reviewed science

Quivira has always been committed to sharing essential knowledge, but now **TEACHING** will mean something more comprehensive:

 Fortifying the next generation of agrarians by increasing the quality and quantity of mentorship opportunities

### Plentiful ~ Ample ~ Bountiful ~

- Radically rethinking our communications strategy to empower both traditional land stewards and techsavvy new agrarians
- Keeping our own thinking fresh and up to date so that we can bring the best of what's new back to our growing community

Quivira has always inspired innovation, but now **SPARKING** will mean something more lasting and impactful:

- Lifting practical solutions that are already working on the ground to mainstream consciousness
- Building a movement with enough force to get it implemented at a much larger scale
- Regenerating the radical center so it includes new sectors

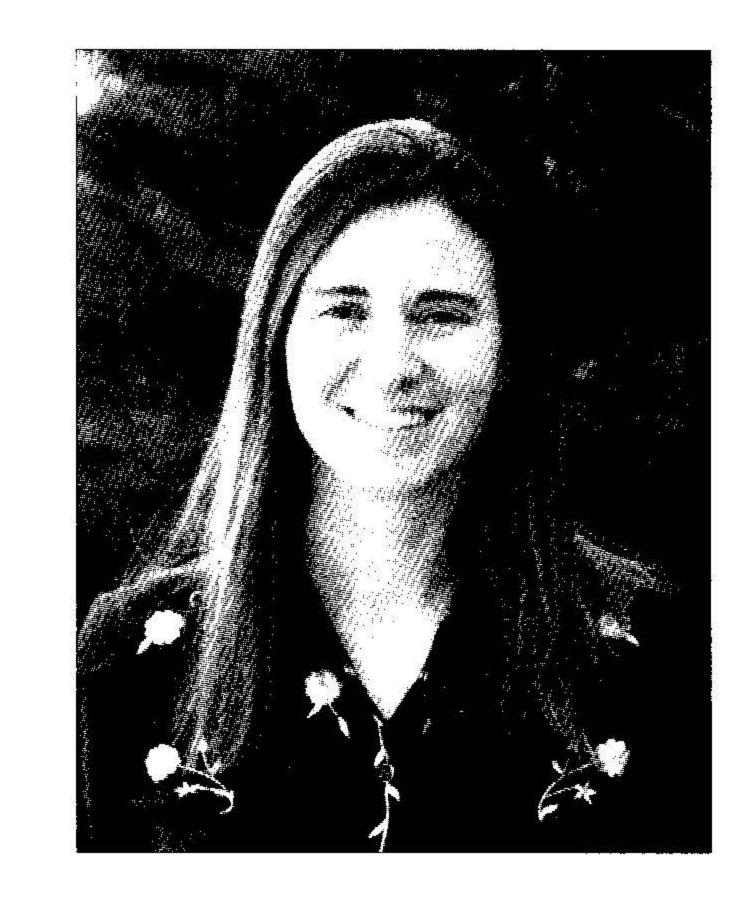
The world is calling for transformation and inviting us all to help make it happen. In order to demonstrate that Quivira is ready to play a leadership role in this moment of change, we have taken the bold step of starting a leadership progression. Transitions are always complex and sometimes bittersweet, but we are confident that Quivira's Next Wave strategic framework, extraordinary staff, engaged board, deep community and organizational vigor will set us in good stead for this exciting evolution.

Quivira needs all of you in this moment! We need you to stay grounded in your work. We need you to build even stronger alliances between existing allies. And we need you to bring our collective message of renewal and transformation beyond our comfortable boundaries so that the radical center finds new

resonance in unchartered territory.

With gratitude,

Avery C. Anderson Sponholtz Executive Director



### ~ Generous ~ Rich ~ Replete

here's an old saying in parenting that kept coming to mind as this conference, my fourteenth and final, approached: the days are long but the years are short.

The years have been short indeed. I can still vividly recall the first Quivira Conference, way back in January 2002, particularly the anxiety that Tamara, Barbara and I felt in the weeks leading up to it. Would anyone show up? Although Quivira had been in business for more than four years, we weren't sure how many of our radical centrist ranchers, conservationists, scientists and others were willing to gather under one roof for two days to discuss The New Ranch at Work—the title we gave the conference. It was a gamble on our part with a lot at stake, including substantial financial resources. I remember nervously pacing the hall outside the ballroom in the old La Posada hotel in downtown Albuquerque that first morning, wondering if we had made a big mistake. We hadn't—three hundred people showed up! That's when I knew the radical center was here to stay.

Most people don't know this, but one of the reasons I wanted to start our conference was to counterbalance another annual event taking place at the time called RangeNet. Organized by a group of antigrazing activists, its declared goal was to celebrate the end of livestock production on public lands in ten years. It was part of a surge of antigrazing activity by environmentalists, and it had drawn considerable media coverage in 2000, its first year. Since Quivira's mission was to push back against this kind of negative energy, I thought let's create a forum for a radical center alternative and see which conference has the most staying power.

RangeNet folded in 2005—and here we are, still going strong in 2015!

To my surprise, I was asked to speak at the 2004 (and final) RangeNet event where I debated long-time cattle foe George Wuerthner about the future of public lands grazing. In a surreal turn of events, his

### The Center Holds

PowerPoint presentation refused to work, so he used mine instead to make his case. But what I remember most about the day was the tiny size of the crowd. I counted 75 people in the same ballroom where we had packed in 300!

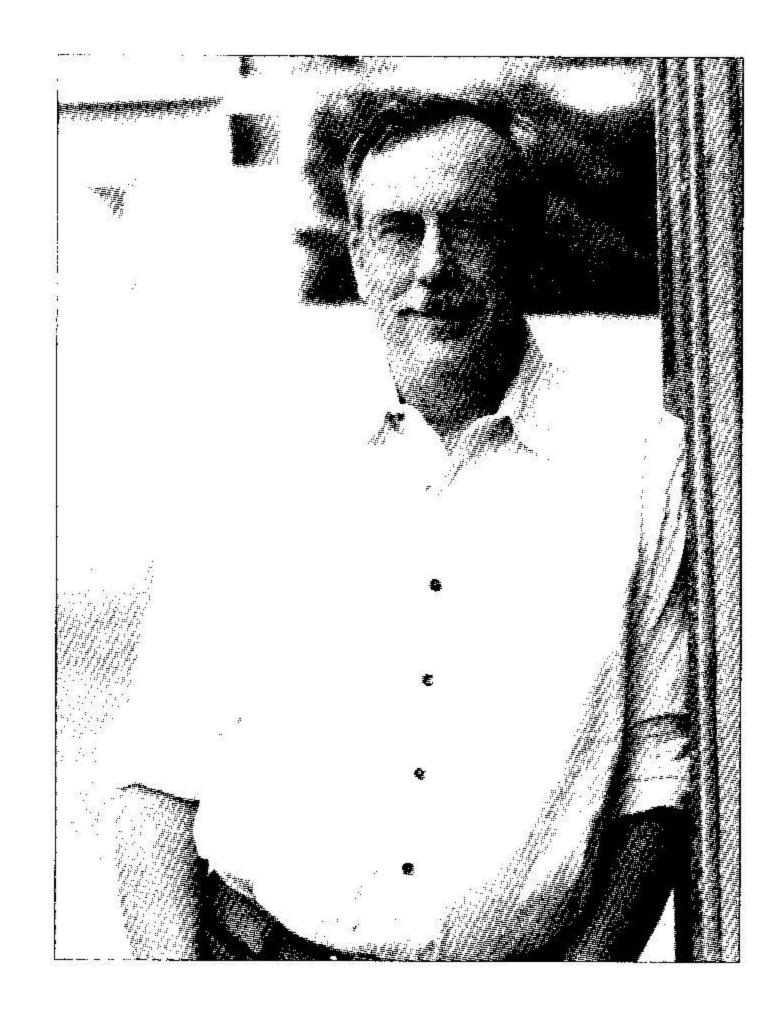
This told me that the radical center, no matter how quiet or diffuse it might be, was a true populist movement.

Over the years, it has been exciting to watch this movement grow and diversify. We've tried hard to keep up with the times, both in themes for the conference and outreach to new audiences. We've succeeded on both fronts, thanks to a great deal of hard work by many people, and I want to take this opportunity to thank a truly amazing conference staff, especially Catherine Baca, Tamara Gadzia, Avery Anderson Sponholtz, Lois Mee and Sheryl Russell. I am honored to work alongside them and the rest of the glorious Quivira staff and volunteers. As a team, we accomplished what we originally set out to do all those years ago, energize the radical center, share innovation and so much more. It's also been an honor to serve the people—you our audience. Without your participation and support, we would not have made it half this far.

The conference has been a highlight of my life and I leave knowing we made a difference in many other people's lives. Thank you for the opportunity from the bottom of my heart.

Courtney

Courtney White
Cofounder and Creative
Director



# Quivira Coalition Programs: On the Ground in 2015

The Quivira Coalition builds resilience on working landscapes by fostering ecological, economic and social health through innovation, collaboration and progressive land stewardship.

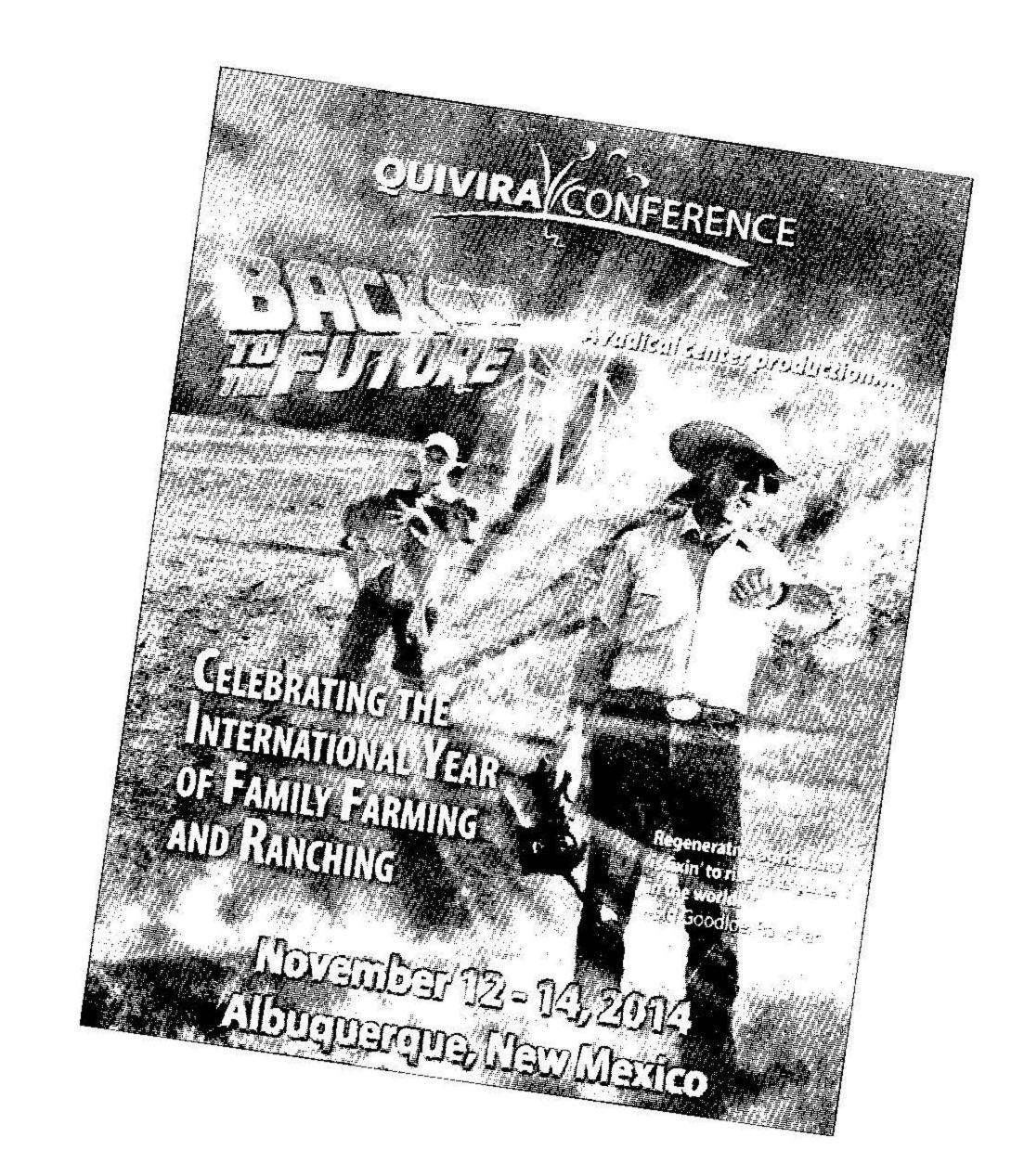
#### **Quivira Conference**

This upbeat event regularly draws more than 500 people—one-third of whom are ranchers—and has become a successful forum for a radical center of ranchers, conservationists, public land managers and members of the public. Themes have included Bridging the Urban-Rural Divide, Innovation and the Next Generation, Building Resilience and Inspiring Adaptation. Speakers have included Wendell Berry, David Kline, Bill deBuys, Patty Limerick, Richard Louv, Deborah Madison, Jonah Western, Bill McKibben, Sandra Postel, Gary Snyder and many others.

#### **Land and Water Program**

Quivira's Land and Water Program continues to be a resource for land stewards who wish to practice regenerative land management and restoration. We are fortunate to work with diverse constituents—from owners of large or small ranches to public agencies to volunteers lending hours of sweat equity to restoration projects.



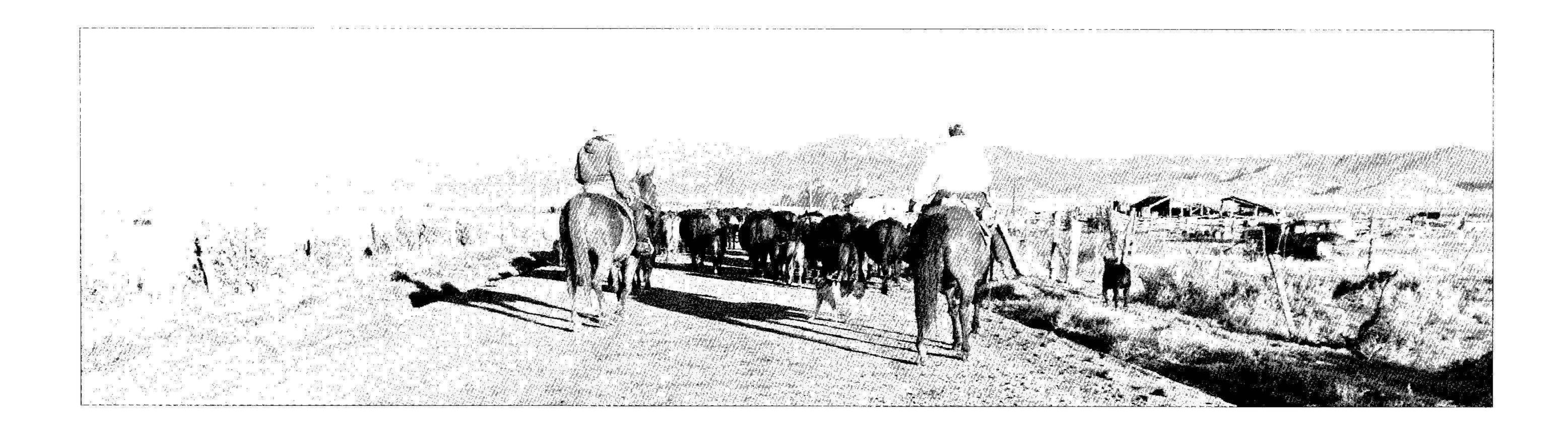


Land and Water hosts educational workshops, provides technical consultation and coordinates projects on private and public lands, embodying our organizational tagline: "education, innovation, restoration... one acre at a time." We push the boundaries of conventional restoration and conservation to make working landscapes healthier. We foster important partnerships with others pursuing the same goals, including the New Mexico Environment Department, the U.S. Forest Service, the U.S. Fish & Wildlife Service, The Nature Conservancy, Trout Unlimited, watershed protection groups statewide, a variety of knowledgeable and talented restoration businesses, and hundreds of other land stewards within the Quivira community.

#### **New Agrarian Program**

The New Agrarian Program offers agricultural apprenticeships in partnership with ranchers and farmers throughout the Quivira community. In particular, this program aims to build resilience on Western lands by training the next generation of stewards in agricultural best practices and by training ranchers and farmers to be mentors.

The increasing national average age of ranchers and farmers together with historically low participation in agriculture, particularly among young professionals, inspired us to start this program in 2009 and continues to motivate us today as we scale up our efforts. Our program works closely with carefully selected rancher and farmer mentors who are dedicated stewards of the land; practice beyond organic, regenerative methods of food production; provide excellent animal care; and are



natural teachers. Apprentices to date have been trained in regenerative ranching and farming, grass-based dairy and artisan cheese making, holistic orcharding and locally sourced fiber production.

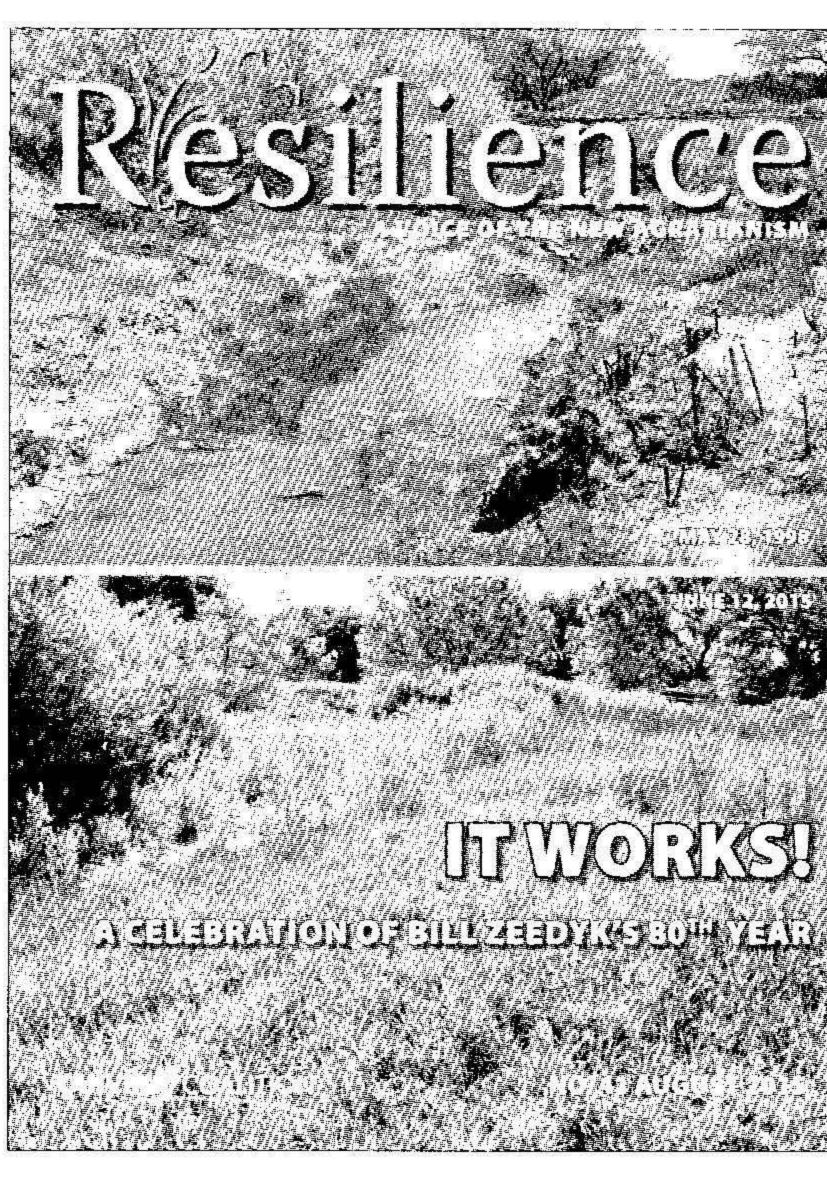
#### **Carbon Ranch Project**

The Carbon Ranch Project explores and shares mitigation and adaptation strategies that sequester  $CO_2$  in soils and plants, reduce greenhouse gas emissions, and produce co-benefits that build ecological and economic resilience in local landscapes. Strategies include enriching soil carbon, no-till farming with perennials, employing climate-friendly livestock practices, conserving natural habitat, restoring degraded watersheds and rangelands, increasing biodiversity and producing local food.

In 2015, Courtney White completed a new book titled *Two Percent Solutions for the Planet: 50 Low-Cost, Low-Tech, Nature-Based Practices for Combatting Hunger, Drought, and Climate Change*, published by Chelsea Green Press.

#### **Outreach and Publications**

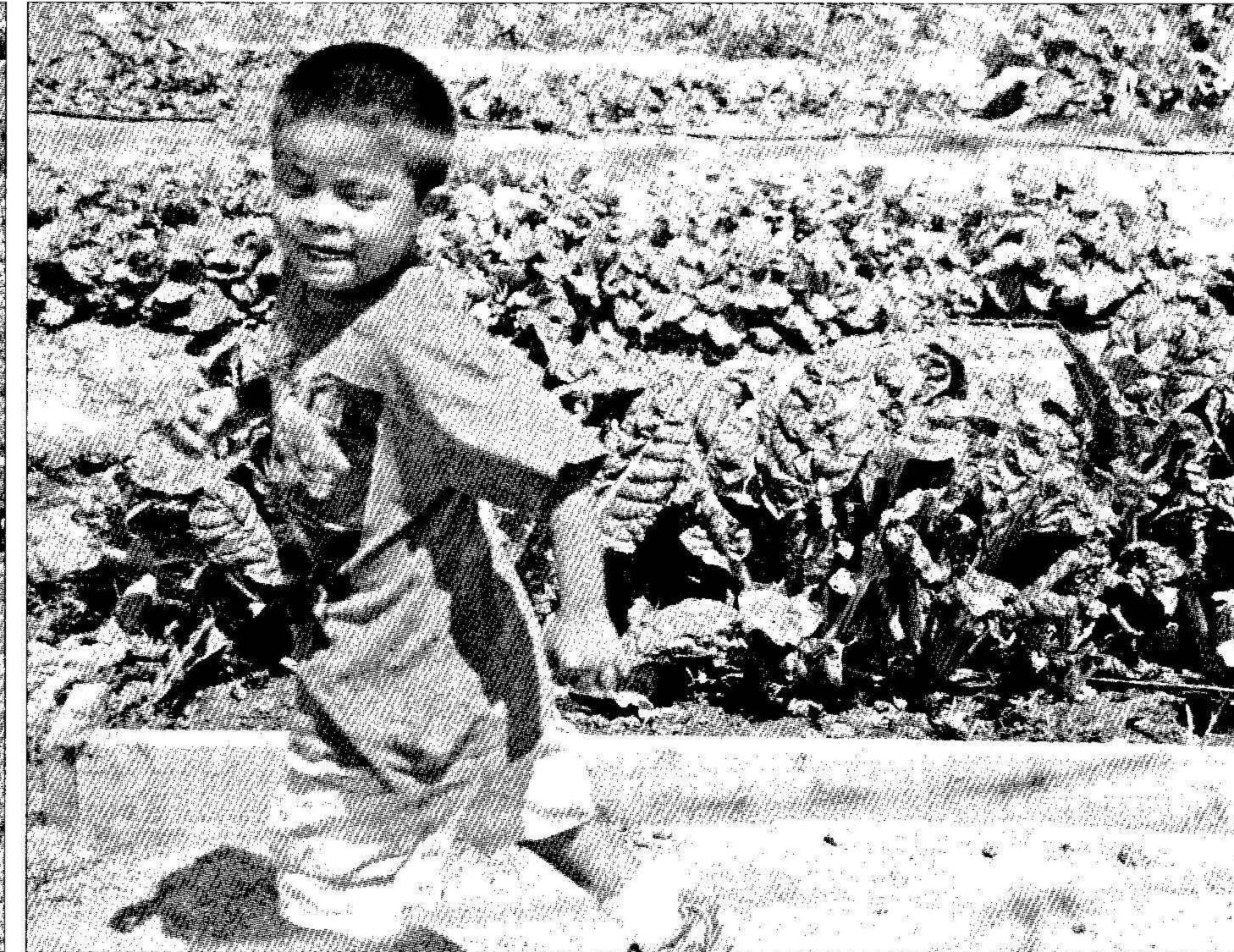
The Quivira Coalition publishes journals, books, field guides and articles; maintains a vast archive of resource materials on our website; and conducts outdoor, land-health classes and volunteer riparian restoration workshops. Educational events are informative, fun and open to the public.



#### **Tribal Partnerships**

Since 2005, the Quivira Coalition has collaborated with the Ojo Encino, Torreon and Counselor chapters of the Navajo Nation to rebuild resilience in both the biological and cultural environments. Throughout the years, projects have focused on rangeland management, managing the feral horse population, erosion control, engaging youth, learning from elders, growing a local food system and building capacity in the Navajo-run nonprofit organization Hasbídító.

In 2013, the project became primarily food focused, and these communities successfully grew produce with mentorship from a local farmer. For the past two years, participants have grown enough vegetables to supply a Mobile Farmers Market, which visits all three communities once a week. Quivira's ultimate goal is to empower Hasbídító and increase the number of growers in order to help them create a resilient and regenerative biocultural landscape and community.



# Conference Sponsors and Supporters

This conference is made possible through the generous support of:

#### THE CLARENCE BURCH AWARD

Andrew Dunigan and the Dunigan Family

#### **COMMUNITY \$10,000+**

Globetrotter Foundation and Paicines Ranch Grasslans Charitable Foundations Judith McBean Foundation Owl Peak Farm Thornburg Foundation

#### ANIMAL \$5,000+

The 11th Hour Project
Central Colorado Educational Trust
Dennis A. O'Toole Family Foundation and
Martha-Ellen Tye Foundation

#### PLANT \$2,500+

Adelante Consulting
Lone Mountain Cattle Company
Nancy Ranney, Ranney Ranch
TomKat Ranch Educational Foundation
Trinchera Blanca Foundation,
an affiliate of The Moore Charitable Foundation

#### SEED \$1,250+

Julie and Michael Bain
Frank Hayes
Jessica Embry of Hitchrock Ranch
The Union Land and Grazing Company
Solution Strategies International
Tecovas Foundation
Ute Creek Cattle Company

#### SOIL \$500+

Animas Foundation
Sonya and Adam Berg
Pat and Mike Boring
CS Foundation
Ferrell Ranch
Patrick O'Neill
Thalia Venerable
The Pleiades Foundation
Vermejo Park Ranch
Zeedyk Ecological Consulting, LLC

#### SPECIAL ACKNOWLEDGEMENTS

- The many generous supporters of conference scholarships
- David Fortson, Eric Cardenas and the LoaCom team
- Beezhan Tulu and Living Web Films
- Patricia Jenkins and Jeremy Smith of Cycle Farm
- Toni Beatty
- Panorama Organic Grass-Fed Meats
- U.S. Forest Service Southwest Region
- Green Fire Times, Orion Magazine and La Montañita Co-op
- Mary-Charlotte Domandi, KSFR Radio Café

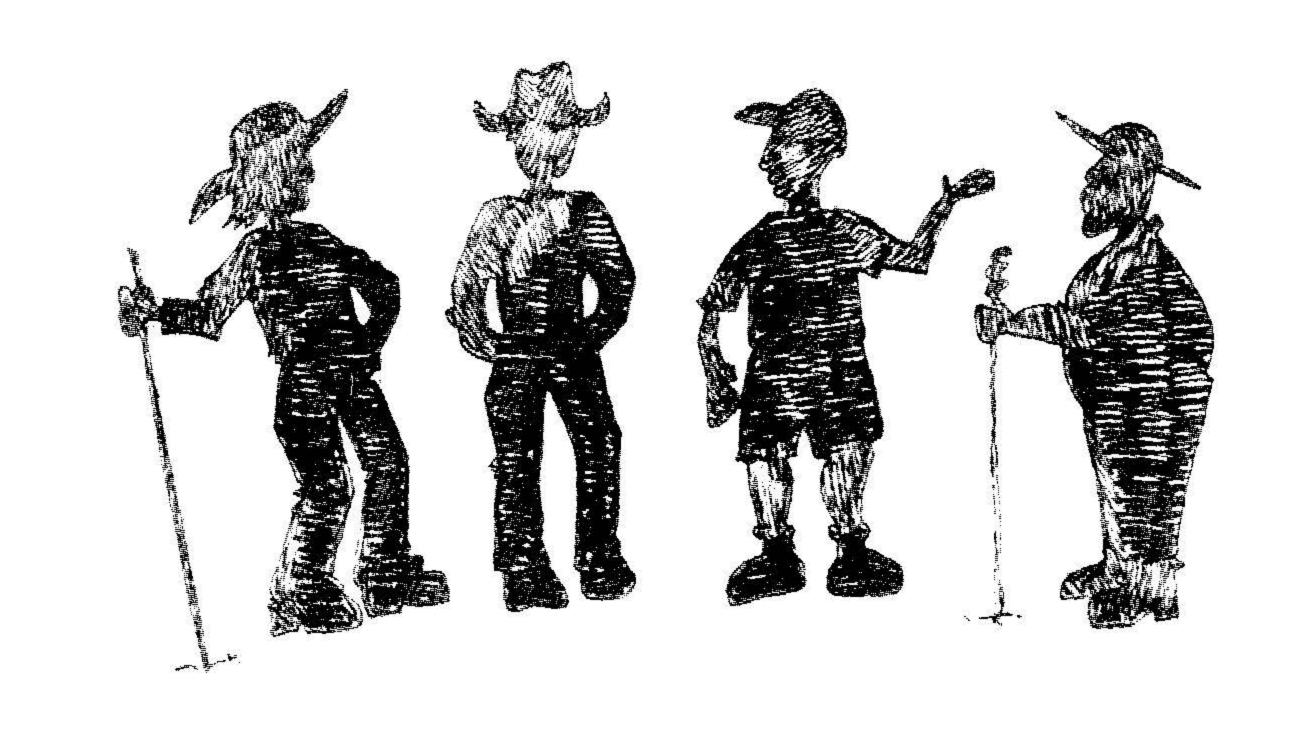
We would especially like to thank the Embassy Suites Hotel for accommodating our goal of serving local and organic foods whenever possible.

#### **CONFERENCE STAFF AND VOLUNTEERS**

Avery C. Anderson Sponholtz
Catherine Baca
Toni Beatty
Kit Brewer
Eric Cardenas
Deanna Einspahr
Jessica Embry
David Fortson
Tamara Gadzia
Sam Hinkle
Patricia Jenkins

Rick Martinez

Lois Mee
William Mee
Mae Montoya
Tarry Pesola
Virginie Pointeau
Jeremy Smith
Beezhan Tulu
Mollie Walton
Sarah Wentzel-Fisher
Lynne Whitbeck
Courtney White



#### SANDIA BALLROOM

### Wednesday – All Day

#### FUNDAMENTALS OF SOIL

8:00 AM TO 4:30 PM

In celebration of the International Year of Soils, we will kick off the conference with a daylong workshop by Australian soil scientist and soil restoration specialist **Christine Jones**, **PhD**.

Nitrous oxide is the most potent of the greenhouse gases, with a global warming potential 300 times greater than carbon dioxide. It is also the largest ozone-depleting substance emitted through human activities. Over the last century, intensification of agriculture, coupled with a lack of understanding of soil microbial communities, has on agricultural land,



reduced biological activity and an increased application of industrially produced forms of nitrogen. Globally, more than \$100 billion of nitrogen fertilisers are applied to crops and pastures every year. Between 10 and 40 percent of the applied nitrogen is taken up by plants. The other 60-90 percent is leached into water, volatilized into the air or immobilized in soil. Christine will explain the essential role of the liquid carbon pathway in non-legume biological nitrogen fixation and humification, which bypasses the need for the use of industrially produced nitrogen in agricultural systems.

Christine Jones is an internationally renowned and highly respected groundcover and soils ecologist. She has a wealth of experience working with innovative landholders to implement regenerative land management techniques that enhance biodiversity, increase biological activity, sequester carbon, activate soil nutrient cycles, restore water balance, improve productivity and create new topsoil.

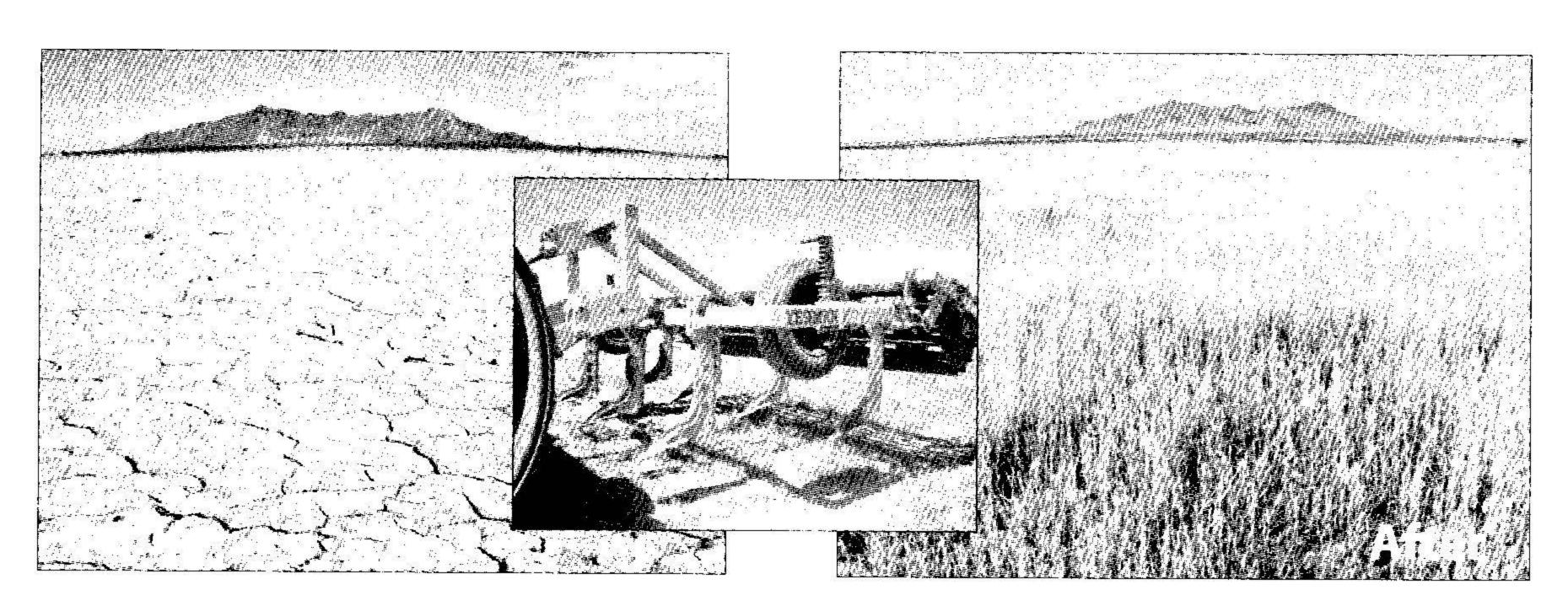
# CAPTURING EVERY DROP: USING KEYLINE DESIGN AND PLUG AND SPREAD TO REGENERATE DEGRADED LANDSCAPES

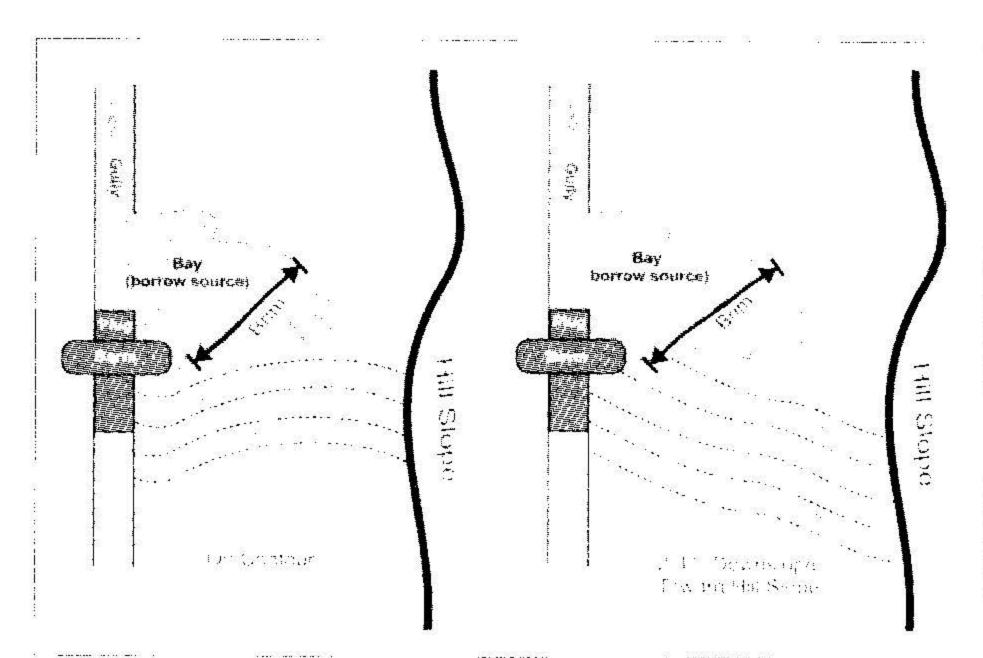
LA VENTANA ROOM

### Wednesday – Afternoon

1:30 PM TO 5:00 PM

In this dynamic, practice-based workshop, Keyline Design techniques will be discussed as a way to address drought by maximizing beneficial use of water resources across the landscape. Presenters include Keyline designers **Owen Hablutzel** and **Gordon Tooley**, and rancher **Christopher Gill**—all of whom have hands-on experience to share. In addition, restoration guru **Bill Zeedyk** will present the Plug and Spread treatment, which utilizes Keyline principles for managing water on western rangelands and degraded wetlands. Come and learn the basics!



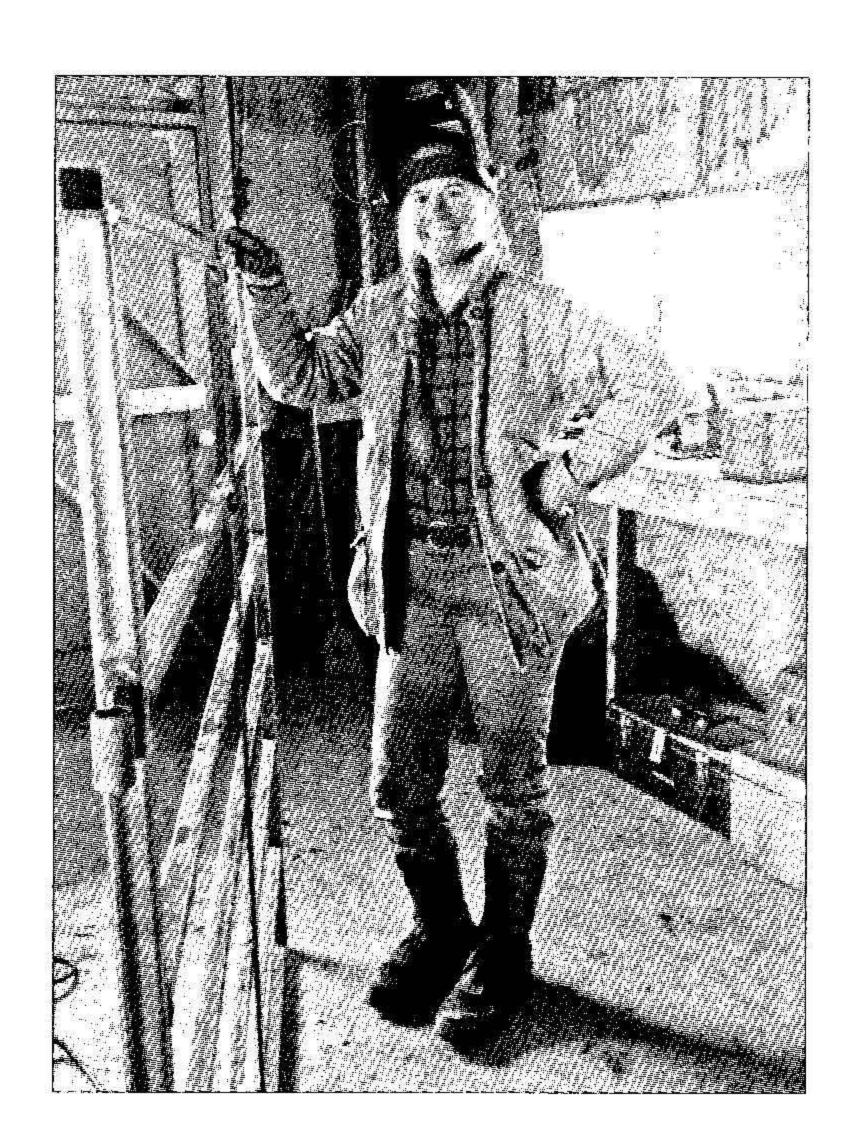


### Wednesday Evening

#### 5<sup>TH</sup> ANNUAL NEW AGRARIAN CAREER CONNECTION—AN AGRICULTURAL CAREER FAIR

NEW AGRARIAN or prospective MENTOR/EMPLOYER: The New Agrarian Career Connection, an agricultural career fair, is a great place to find just the right candidate for your ranch or farm. Quivira Coalition recognizes the urgent need to connect established producers and land managers with the next generation of ranchers and farmers who will be responsible for growing our food and caring for the planet.

The New Agrarian Career Connection is hosted by Quivira Coalition's New Agrarian Program, the Rio Grande Farmers Coalition and the National Young Farmers Coalition. This gathering of ranchers, farmers, conservation leaders and new agrarians will take the form of an informal evening of open mingling, with prospective employers/mentors clearly identified so that the new agrarians can easily find them. Prospective employers/mentors will include (but are not limited to) private ranches and farms, conservation groups, food advocacy organizations, government agencies, land-use service consultants (e.g. Holistic Management) and related private-sector

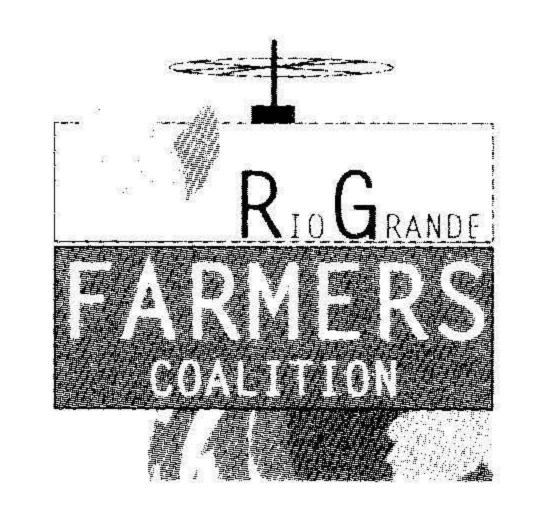


businesses. Quivira's New Agrarian Program works with the Rio Grande Farmers Coalition and the National Young Farmers Coalition to ensure a strong showing of highly qualified, enthusiastic beginning farmers, ranchers and land advocates in search of mentorship and opportunity. Prospective employers/mentors will



each be assigned a table, where they can place business cards and other relevant information and meet with interested new agrarians. New agrarians are encouraged to come prepared with résumés and contact information. Join in the fun, make new connections and find new opportunities.







Introducing Sarah Wentzel-Fisher, Quivira's newest staff member and New Agrarian Program Coordinator. Sarah has worked in food and agriculture planning for the past seven years, with a focus on supporting young and beginning farmers and ranchers. She has been the editor of Edible New Mexico since 2011. From 2013 to 2015 she worked for the National Young Farmers Coalition as an organizer and is currently the lead organizer of the New Mexico affiliate chapter of NYFC. She is the board president of the Rio Grande Ag Land Trust and a board member of the Desert Oasis Teaching Garden. In her free time she enjoys visiting farms and ranches, experiments in her kitchen, and keeping chickens in her backyard.



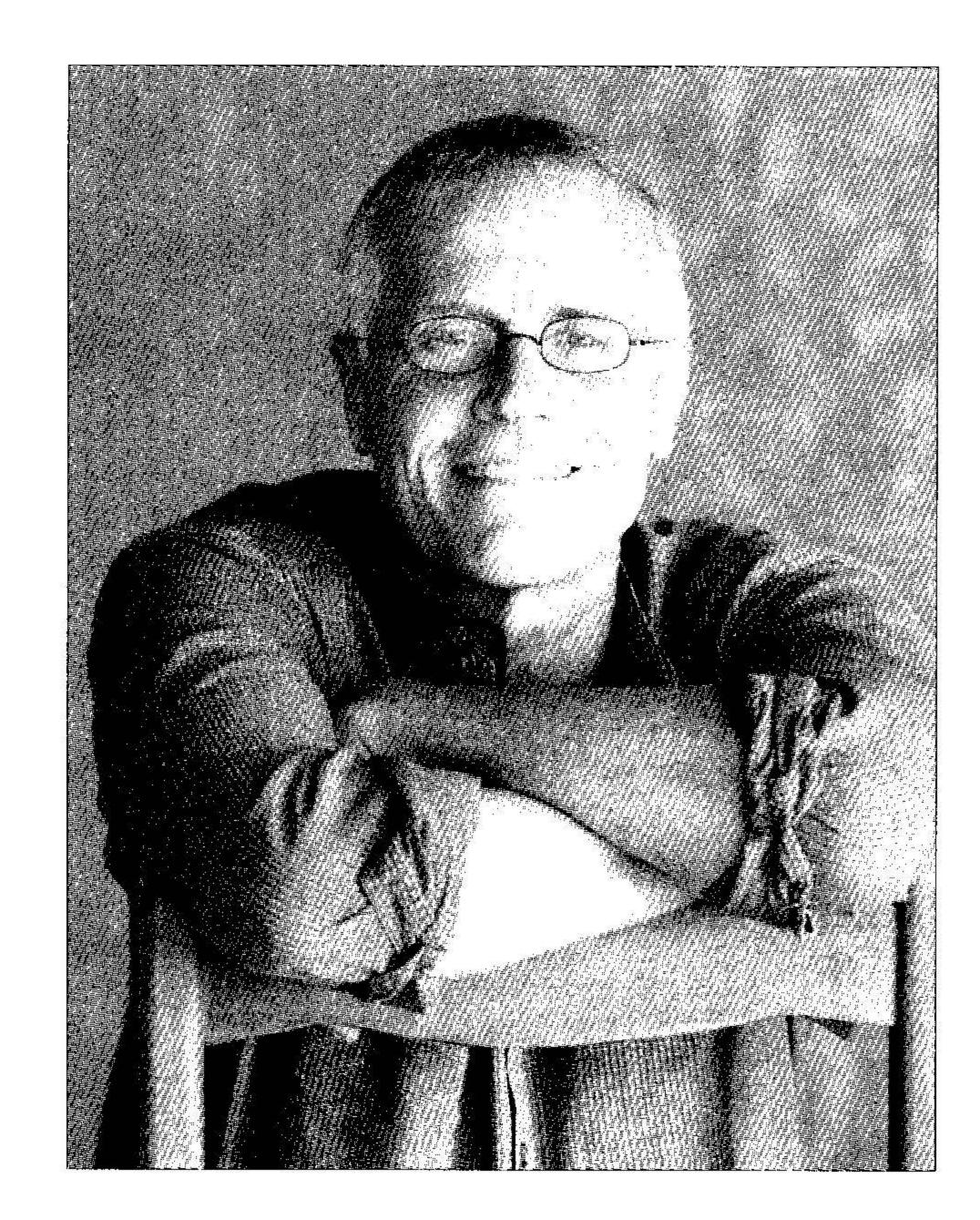
#### SANDIA BALLROOM – 7:00 PM

### Wednesday Evening Fundraiser

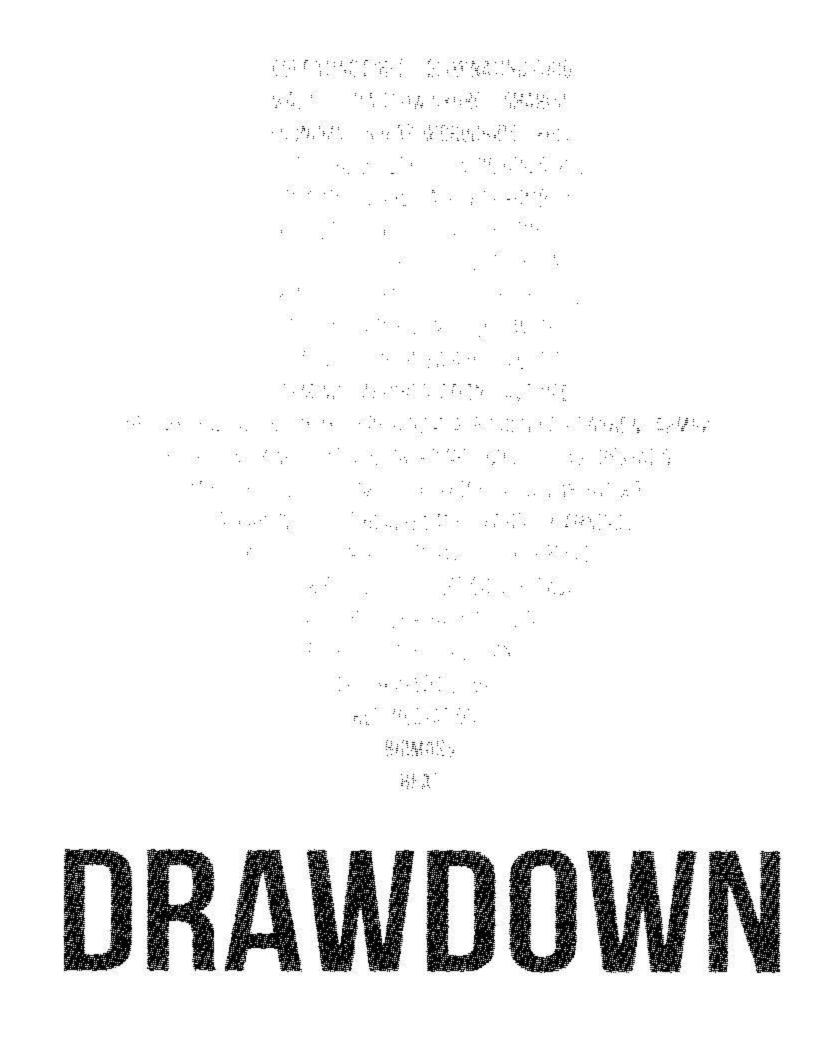
#### AN EVENING with PAUL HAWKEN

Quivira is proud to announce that **PAUL HAWKEN**, staunch advocate for sustainable agriculture, will be the featured speaker at this year's conference fundraiser. Internationally renowned and *New York Times* Bestsellers, Paul's books have been published in more than 50 countries and 28 languages. His talk will focus on **Project Drawdown** and how one hundred solutions deployed at scale will alter the composition of our atmosphere and forge a path toward carbon decline.

Paul's work also includes starting and running ecological businesses, writing about the impact of commerce on living systems, and consulting with heads of state and CEOs on economic development, industrial ecology and environmental policy. He has appeared on Today, Larry King, Talk of the Nation and Charlie Rose, and is frequently profiled or featured in the Wall Street Journal, Newsweek, Washington Post, Business Week, Esquire, US News and World Report and other media. His articles, op-eds, and peer-reviewed papers appear regularly in publications that include in the Harvard Business Review, Resurgence, New Statesman, Boston Globe, Christian Science Monitor, Mother Jones, Utne Reader, Orion.



He has published seven books, including *The Next Economy, Growing a Business, The Ecology of Commerce* and *Blessed Unrest*. In 2013, his *The Ecology of Commerce* was voted as the number one college text on business and the environment by professors at 67 business schools. *Natural Capitalism: Creating the Next Industrial Revolution*, which he co-authored with Amory Lovins, has been read and referred to by several heads of state, including President Bill Clinton who called it one of the five most important books in the world today.



We have the capacity to create a remarkably different economy: one that can restore ecosystems and protect the environment while bringing forth innovation, prosperity, meaningful work, and true security.

—Paul Hawken

Paul is a co-founder and director of Project Drawdown (www.drawdown.org), whose mission is to facilitate "a broad coalition of researchers, scientists, graduate students, PhDs, post-docs, policy makers, business leaders and activists to assemble and present the best available information on climate solutions in order to describe their beneficial financial, social

Please join us for an exciting evening! This event is open to the public. Bring your friends.

and environmental impact over the next thirty years."

### Agenda .

#### WEDNESDAY november 11

#### 7:00 am Check-In

—SANDIA BALLROOM

8:15-8:30 am

**Quivira Staff** 

Opening Remarks

#### 8:30 am-4:30 pm

Christine Jones, PhD

Fundamentals of Soil

Supported by the U.S. Forest Service, Southwest Region

#### 10:00-10:30 am BREAK

#### 12:00-1:30 pm LUNCH

Beef provided by Panorama Organic Grass-Fed Meats

#### 3:00-3:30 pm BREAK

#### —LA VENTANA

#### 1:30-5:00

Capturing Every Drop: Using Keyline Design and Plug-and-Spread to Regenerate Degraded Landscapes

1:30 pm

Owen Hablutzel, Gordon Tooley, and Christopher Gill

**BREAK** between Keyline and Zeedyk

4:00 pm Bill Zeedyk

#### 5:00 pm

**Bill Zeedyk Book Signing**, The Plug and Spread Treatment: Achieving Erosion Control, Soil Health and Biological Diversity

#### —SIERRA BALLROOM

#### 5:30-6:45 pm

**New Agrarian Career Connection**, an agricultural career fair. Open to all conference attendees and the public.

#### —SANDIA BALLROOM

#### 7:00 pm FUNDRAISER

(Doors open at 6:15 pm)

**An Evening with Paul Hawken** and book signing with Courtney White moderating.

#### **THURSDAY** november 12

#### 7:00 am Check-In

-SANDIA BALLROOM

8:00-8:30 am

**Quivira Staff** 

Opening Remarks

#### 8:30-9:30 am

André Leu

Organic 3.0: The Third Paradigm Shift

#### 9:30-10:00 am BREAK

#### 10:00-11:00 am

**Rebecca Burgess** 

Wearing the Range: Soil to Soil Fiber Systems

#### 11:00 am-12:00 pm

Iván Aguirre and Son, Iván Aguirre Darancou

Our 30-year Journey with Holistic Management

#### 12:00-1:30 pm LUNCH

#### —OCOTILLO ROOM / BOOKSTORE

#### 1:00-1:30 pm BOOK SIGNING

**Courtney White**, featuring Two Percent Solutions for the Planet: 50 Low-Cost, Low-Tech, Nature-Based Practices for Combatting Hunger, Drought, and Climate Change and other books by Courtney

#### AND

**Bill Zeedyk**, featuring *The Plug and Spread Treatment: Achieving Erosion Control, Soil Health and Biological Diversity* and other books by Bill.

#### 1:30-2:15 pm

#### **Christopher Gill**

Drought Busters: Restoring Desertified Desert Grasslands

#### 2:15-3:00 pm

#### Dave Johnson, PhD

Soil Microbes: Their Powerful Influence in Agroecosystems

#### 3:00-3:30 pm BREAK

### Agenda

#### THURSDAY november 12

#### 3:30-4:15 pm

#### Richard Teague, PhD

A Scientific Perspective on Managing Agroecosystems in a Warming World

#### 4:15-5:00 pm

#### **Owen Hablutzel**

Co-creating Landscapes: Emerging Pathways for Transformation

#### —SIERRA BALLROOM

#### 6:30 pm AWARDS BANQUET

(Doors and cash bar open at 6:00 pm) Local, organic dinner honoring the 2015 Clarence Burch Award winner, Courtney White, and the Radical Center Awardees. Beef provided by Panorama Organic Grass-Fed Meats.

### Moderator David Fortson, LoaCom



Audio recordings and YouTube videos of selected presentations will be posted at

quiviracoalition.org



#### FRIDAY november 13

#### 7:00 am Check-In

—SANDIA BALLROOM

#### 8:15-8:30 am

#### **Quivira Staff**

Opening Remarks

#### 8:30-9:15 am

#### **Arturo and Oriana Sandoval**

Por Un Mundo Sano: One Family's Generational View of Positive Change

#### 9:15-10:00 am

### Hasbíditó: Growing Healthy Communities Watson Castillo and Cora Yazzie

A Change of Season

#### 10:00-10:30 am BREAK

(HOTEL CHECK-OUT AT 12:00 PM)

#### 10:30-11:15 am

#### Scott Black, PhD

Monarch Butterfly Conservation: What Farmers and Ranchers Can Do To Help This Imperiled Species

#### 11:15 am-12:00 pm Betsy Neeley

Building Resilience of Wet Meadows in the Gunnison Basin, Colorado: A Collaborative Project of the Gunnison Climate Working Group

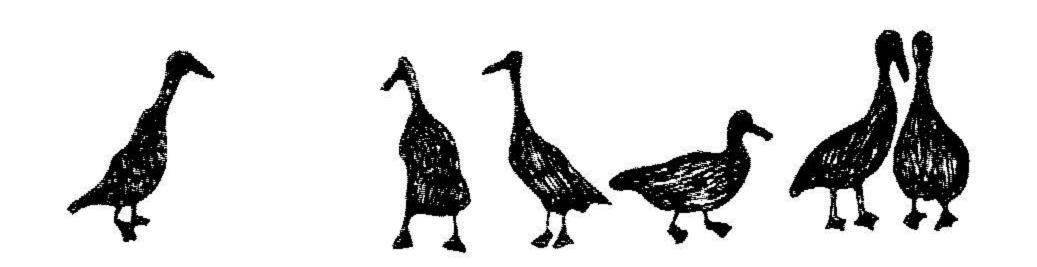
#### 12:00–1:00 pm

#### **Breece Robertson**

Using GIS to Map "Land for People" from the Main Streets to the Mountain Tops

#### 1:00 pm

**Avery C. Anderson Sponholtz and Courtney White** Closing Thoughts



# Awards Banquet Thursday Evening Clarence Burch (1906-2000)

Rancher, teacher, conservationist, activist, international diplomat and public servant to five governors, Clarence Burch lived an enviable life of innovation, dedication, curiosity and good humor. He was a man very much of his time and yet miles ahead of it as well.

The eldest of nine children, Clarence was born in Bromide, Oklahoma, in what was then Indian Territory. Raised on various farms and ranches, he developed a love of the land that grew into a life-long passion. "My grandfather had an innate sense for natural forces," says Andy Dunigan. "Land was in his blood. Every discussion always started with a question about the weather."

Clarence often applied his can-do attitude to water issues. While serving as director of the Division of Water Resources in the 1940s, he traveled to every seat of Oklahoma's 77 counties to assess municipal and rural water needs. Shortly thereafter, with Clarence's encouragement and over the objections of oil companies, Governor Roy Turner signed into law the state's first groundwater restrictions.

Clarence was a careful steward of his own land as well. "He knew that all he had to sell on his ranch was grass," recalls his son Tom. "So, he took care to do the job right." His grandson agrees. "He understood that land has its limits," recalls Andy, "and he emphasized collaborative solutions to natural resource problems."



Clarence's people skills extended to his family. Andy remembers him as an "extremely warm, charismatic man who got along with people from all walks of life." A son-in-law, Jim Wilson, says Clarence could "carry on a conversation on any topic" and did so right up to the end of his life.

Perhaps Andy sums up his grandfather's qualities best: "Clarence embodied what we call today the radical center. He was more than just a rancher. He was a public servant, an activist and a man very concerned about the land and sustainable practices. He was a remarkable man."

The Quivira Coalition is proud to honor Clarence Burch with this last award presented in his name.

#### **Burch Award winners through the years:**

- 2002 Southwest Willow Flycatcher Project: Ty Bays, Phelps Dodge Corp; Paul Boucher, Gila National Forest; Deborah Finch, USFS Rocky Mountain Research Station; David Ogilvie, U Bar Ranch; Ralph Pope, Gila National Fores; Roland Shook, Western New Mexico University; and Scott Stoleson, USFS Rocky Mountain Research Station
- **2003** Sid Goodloe, Carrizo Valley Ranch; and Bill Zeedyk, Zeedyk Ecological Consulting, LLC
- 2004 Sonoita Valley Planning Partnership: Karen Simms, BLM; Jesse Juen, BLM; Jeff Williamson, Phoenix Zoo; John and Mac Donaldson, Empire Ranch; Doug Duncan, U.S. Fish & Wildlife Service; Dan Robbinet, Natural Resources Conservation Service
- 2005 Jim and Joy Williams; John Pierson, U.S. Forest Service; Kirk Gadzia, Resource Management Services LLC; Janice Stevenson, Steve Libby, Marcia Andre and Dave Stewart
- 2006 Jim and Carol Thorpe, Thorpe Ranch; and George Whitten and Julie Sullivan, San Juan Ranch
- 2007 Ojo Encino Ranchers Committee
- 2008 Dale and Janet Veseth, Veseth Cattle Co.; and Mike Reardon, Canon Bonita Ranch
- **2009** Madison Valley Ranchlands Group
- 2010 Altar Valley Conservation Alliance
- **2011** Three Rivers Alliance
- **2012** Joe Morris, Morris Grassfed Beef; and Taos County Economic Development Corporation
- 2013 Malpai Borderlands Group
- 2014 Western Sustainability Exchange

On behalf of the entire Quivira community, we extend a warm thanks to Andy Dunigan and the Dunigan family for their inspired creation of the Clarence Burch Award and the generosity with which they have funded it over the past thirteen years!

# 2015 Clarence Burch Award Winner: Courtney White

Courtney White's experience with the Quivira Coalition has made him master of two indispensable truths: People of different and apparently opposing interests can work together in good will for their mutual good; and, granted their good will and good work, a similar reciprocity can be made, in use, between humans and their land.

—Wendell Berry

A former documentary filmmaker, archaeologist and Sierra Club activist, Courtney White dropped out of the "conflict industry" in 1997 to cofound the Quivira Coalition and work at the radical center. He has devoted the last 18 years to building bridges between ranchers, conservationists, public land managers, scientists and others around practices that improve land health. Today his writing and conservation work focus on building economic and ecological resilience for working landscapes, with a special emphasis on carbon ranching and the new agrarian movement.

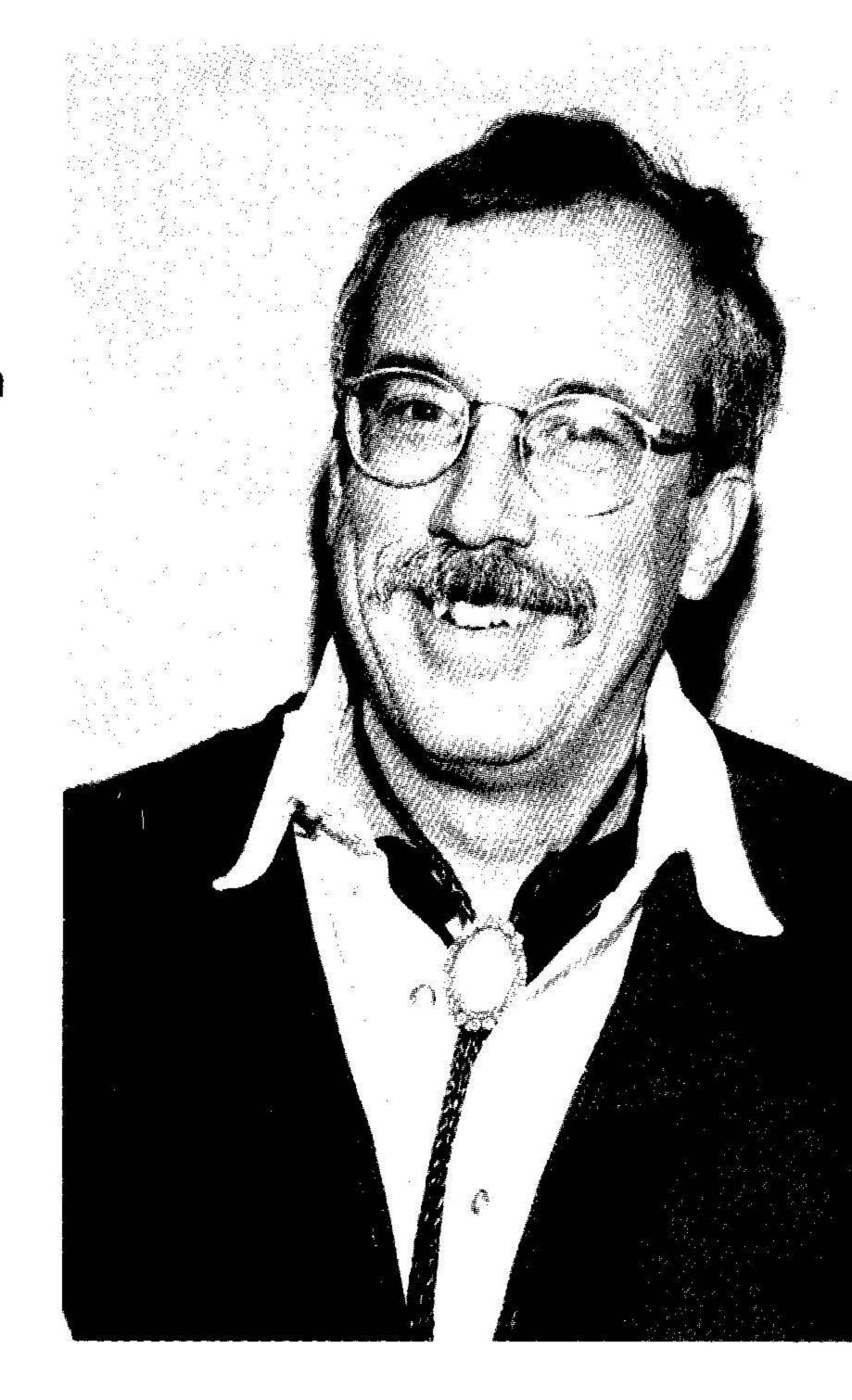
Courtney is the author of *Two Percent Solutions* for the Planet (Chelsea Green Press, 2015), *The Age* of Consequences: A Chronicle of Concern and Hope (Counterpoint Press, 2015), Grass, Soil, Hope: A Journey through Carbon Country (Chelsea Green Press, 2014), Revolution on the Range: The Rise of a New Ranch in the American West (Island Press, 2008), and an online book of black-and-white photographs titled *The Indelible* West (2012), which includes a foreword by Wallace Stegner. With Rick Knight, he coedited Conservation for a New Generation: Redefining Natural Resources Management (Island Press, 2008).

Courtney's writing has also appeared in *Farming*, *Acres U.S.A.*, *Rangelands*, the Natural Resources
Journal and Solutions Journal. His essay, "The Working Wilderness: A Call for a Land Health Movement," was published by Wendell Berry in his collection of essays titled, *The Way of Ignorance*. In 2010, Courtney received the Michael Currier Award for Environmental

Service by the New Mexico
Community Foundation.
In 2012, he was a writerin-residence at the Ucross
Foundation in northeastern
Wyoming, and he was the
first Aldo Leopold Writerin-Residence at Mi Casita,
the Aldo Leopold cabin in
Tres Piedras, New Mexico,
courtesy of the Aldo
Leopold Foundation and
the U.S. Forest Service.

Having served as

Quivira's thought leader
for nearly two decades,
Courtney will move on
from his post as the



organization's creative director at the end of 2015. His inquisitive nature and insatiable appetite for good stories will serve his exploration of the next era—as he calls it, the Age of Consequences.

Courtney's indelible mark on Quivira and all of us is unmistakable. He has lifted the quality of our thinking, steered us in new directions, and inspired hope in troubled times. He has kept us focused by asking the "anguished questions" of our era. His lasting gifts are the private and public conversations he started about the new ranch, a West that works, bridging the urban-rural divide, building resilience, enlisting the next generation, feeding nine billion people, looking back to the future, assembling the carbon ranch and, today, cultivating abundance. We are deeply grateful for Courtney's unswerving devotion to Quivira, the clarity of his vision, and power of his originality. He has shaped the future of conservation in the American West.

Courtney lives in Santa Fe, New Mexico with his wife, Gen, twin children Olivia and Sterling, two good dogs and a backyard full of chickens. To learn more about his work, visit his website at www.awestthatworks.com.

## 2015 Awards for Outstanding Leadership in the Radical Center •

The Ninth Annual Awards for Outstanding Leadership in the Radical Center are dedicated to the four legs of the Quivira Coalition's original chair—ranchers, conservationists, civil servants and researchers. We wish to recognize those individuals in each category who have shown remarkable and enduring leadership in the difficult job of working in the radical center. As described by conservation leader Bill DeBuys, this is the place where people come together to explore their common interests rather than argue their differences.

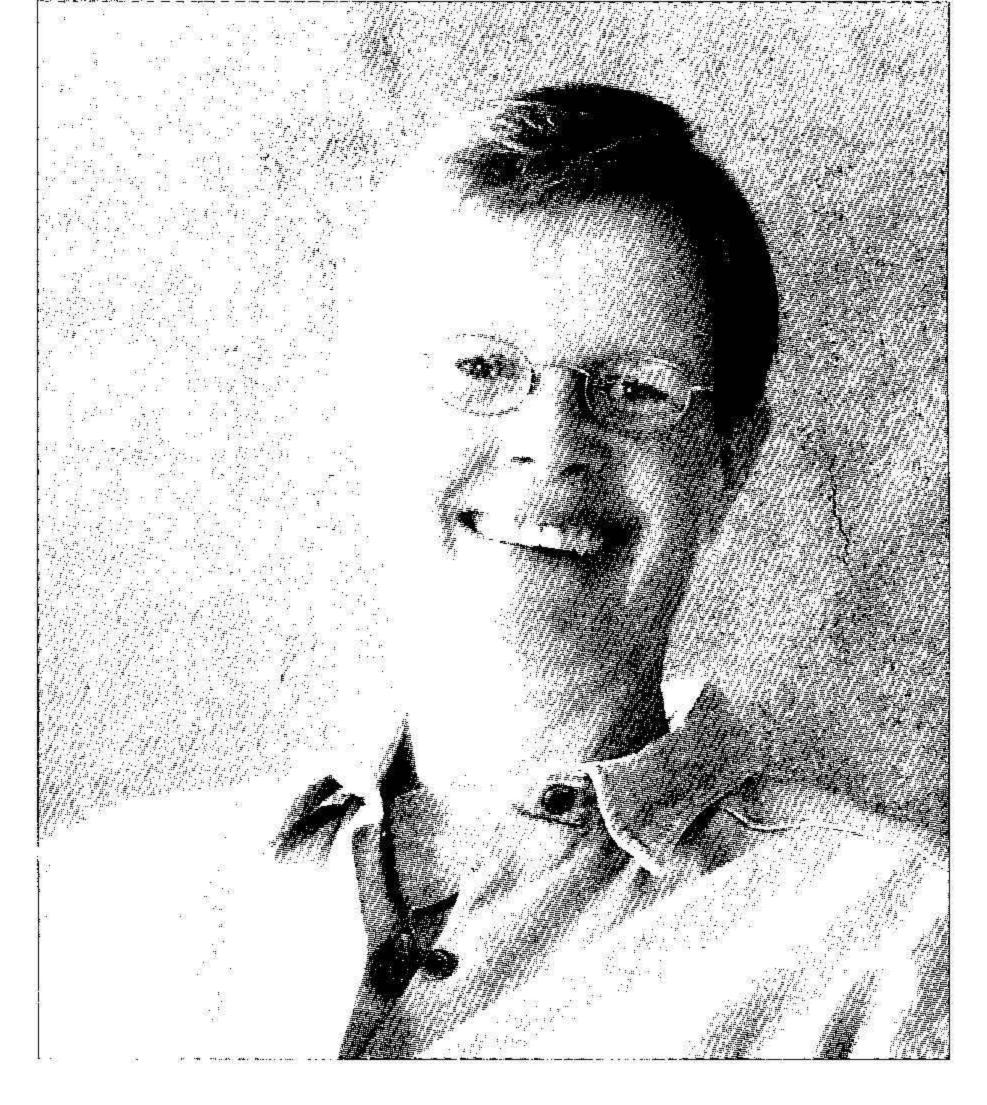
We believe that the radical center is where real change happens—in Aldo Leopold's words, on the "actual landscape of the back forty." Change needs strong leadership, especially in this era of seemingly endless partisanship. We continue to honor those who have advanced the cause of the radical center with integrity, vision and determination, sometimes against long odds. Each has inspired us with their dedication to family, community, healthy lands and advancement through their teaching, writing, research, service, work and good humor. Through their efforts and leadership, they have been a strong voice for the common bonds that unite us. We are proud to recognize these fine people.

On behalf of Quivira Coalition staff, in 2015 we are honored to present the Awards for Outstanding Leadership in the Radical Center to the following recipients:

RANCHING: MARK TORRES was born in Northern New Mexico. He attended the University of New Mexico and worked for the Albuquerque Bernalillo County Water Authority until retirement, when he transitioned into a leadership role in the family's ranching business. Mark is the fourth generation to work on the family ranch. His great great grandfather managed livestock herds grazing in the Sangre de Christo Mountains. In 2014, Mark was elected president of the Valle Vidal Grazing Association. He has become an essential partner in land restoration efforts in many places in Northern New Mexico and is an important partner to Quivira and the other members of the Comanche Creek Working Group in our continued efforts to improve conditions in the Valle Vidal Unit of the Carson National Forest.

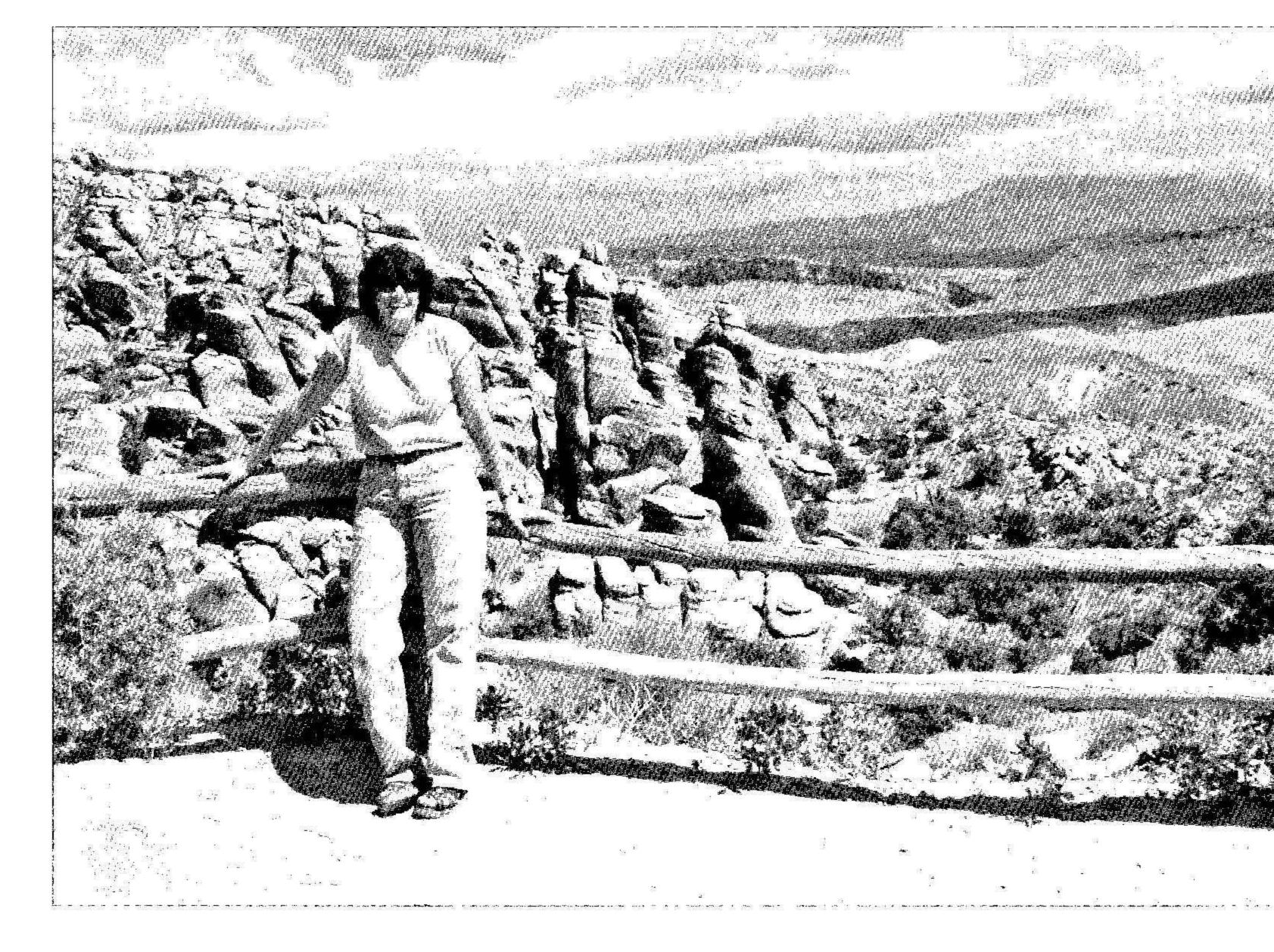


CONSERVATION: ANN ADAMS has been a Holistic Management Certified Educator since 1998 and has practiced and taught Holistic Management® in multiple capacities for 17 years. She currently serves as executive director for Holistic Management International and is responsible for day-to-day management and strategic planning. She has created and directed multi-state programs, utilizing more than 100 collaborative organizations to create positive impact among producers and land stewards seeking to build and maintain sustainable farms, ranches and healthy land. Ann also has facilitated classes (onsite and distance learning), taught workshops and presented at conferences.



She has written countless articles, helped develop agriculture-based software for financial and grazing planning, and written a training handbook, *At Home with Holistic Management: Creating a Life of Meaning*, published in 1999. She owns a small farm in the Manzano Mountains southeast of Albuquerque, New Mexico where she raises goats and chickens.

CIVIL SERVICE: JUDITH DYESS has a degree in Environmental Resources in Agriculture from Arizona State University, and serves as assistant director of rangeland management for the Southwestern Region of the Forest Service. Her work has primarily focused on rangeland, riparian and fire management and monitoring throughout the western U.S. In addition



to the Forest Service, Judith has worked with the Natural Resources Conservation Service, Agricultural Research Service, and the National Park Service. She is a Certified Professional in Range Management by the Society for Range Management. She has been stationed in Arizona, Idaho, Wyoming, Texas and New Mexico and has served for approximately 30 years. She enjoys working with a diversity of people and communities to improve and maintain multiple-use management on national forest system lands.

RESEARCH: HANNAH GOSNELL is an associate professor of geography in the College of Earth, Ocean, and Atmospheric Sciences at Oregon State University. Her research focuses on agricultural landscape change, water resource management, climate change and environmental governance in the context of rural working landscapes, and how laws and institutions might evolve to better reflect changing geographies and facilitate social-ecological transformation when necessary. As a social scientist, most of her research focuses on the human dimensions of rangeland management. She has been funded by the U.S. Department of Agriculture to investigate the role that rangeland managers can play in various payments-for-ecosystem services schemes, including voluntary and compliance carbon markets in the U.S., Australia and New Zealand. Her recent research in Australia focused on sheep and cattle farmers' experiences transitioning from conventional range management to Holistic Management. She is particularly interested in the social, cultural, and psychological aspects of the transition to regenerative agriculture and the implications for landowners' capacity to adapt to social,



economic and environmental change. Her other research interests include public lands ranching, collaborative conservation and ESA implementation. Hannah earned her PhD in Geography from the University of Colorado in 2000 and has authored or coauthored more than 40 peer-reviewed scientific articles and book chapters.

