



2012

ANNUAL REPORT



Quivira Coalition's mission is to build resilience by fostering ecological, economic and social health on western landscapes through education, innovation, collaboration and progressive public and private land stewardship.



LEADERSHIP TRANSITION AT THE QUIVIRA COALITION

It is important for any nonprofit to keep an eye on the future—what challenges lie in wait, what opportunities might be coming up and how to “keep up with the times” generally. This is best handled by a combination of experience, wisdom and new leadership. Sometimes this combination is difficult to find within an organization, but Quivira is fortunate. In Avery Anderson and Courtney White, it has the rare opportunity to implement a leadership transition that will enable the organization to maintain and expand its success well into the future.

As Acting Executive Director during Courtney’s sabbatical in 2012, Avery demonstrated considerable skill in administering the organization, including personnel management, oversight of programs, budget administration and Quivira Board engagement. Avery also oversaw two new staff hires, as well as the reassignment of Catherine Baca as the Tribal Partnership Program Director, and she demonstrated growing capacity and interest in the development and fundraising duties necessary for Quivira’s financial well-being. Over the course of the sabbatical Avery’s leadership skills grew, as did her confidence, and she became comfortable and capable in her new role.

During his sabbatical, Courtney concentrated his energy on developing new writing skills, expanding his contacts with other writers and researchers, sharing his knowledge and experience, broadening his understanding of natural processes and economics and expanding personal horizons. In particular, he focused on his ability to explain complex concepts—such as creek restoration and progressive ranching techniques—to lay audiences through compelling stories and personal narrative. All of this led to a reinvigoration of his enthusiasm and interests. It also led to a question, *what is the best way to put Courtney’s creative energies to work for Quivira as we move forward?*

For the organization as a whole, the sabbatical period provided important collateral benefits, including building new capacity, introducing new ideas and energy, stimulating increased board participation and creating an opportunity for succession planning. All of these activities have been a boost to the organization over the course of 2012, and now we ask ourselves, *how will we keep them going?*

To that end, on November 1, 2012—with Avery and Courtney’s full blessing—the Board of Directors of the Quivira Coalition voted to promote Avery to the position of Executive Director. Courtney will assume the new title, Founder and Creative Director. Avery’s principal duty as Executive Director will be to direct Quivira’s operations while maintaining its reputation for excellence and innovation. Courtney will grow the organization through idea development, fundraising, writing, editing, speaking and other kinds of public outreach. These new roles align closely with Avery and Courtney’s interests and skill sets.

This change also fits with Quivira’s ongoing maturation and the growing professionalism of both board and staff. It acknowledges that Quivira has entered an important transition period and has begun to grapple with questions of succession and changing staff/board relationships. On the succession front, this plan preempts difficulties that sometimes arise within nonprofit organizations when leadership passes from the hands of a founder. Important members of our funding community have commended Quivira for this proactive approach.

Transitions are always a work in progress. The key to Quivira’s success will be good communication and constant feedback from staff, board and members of the Quivira community. We are confident that the ultimate result will be a stronger and more resilient organization.

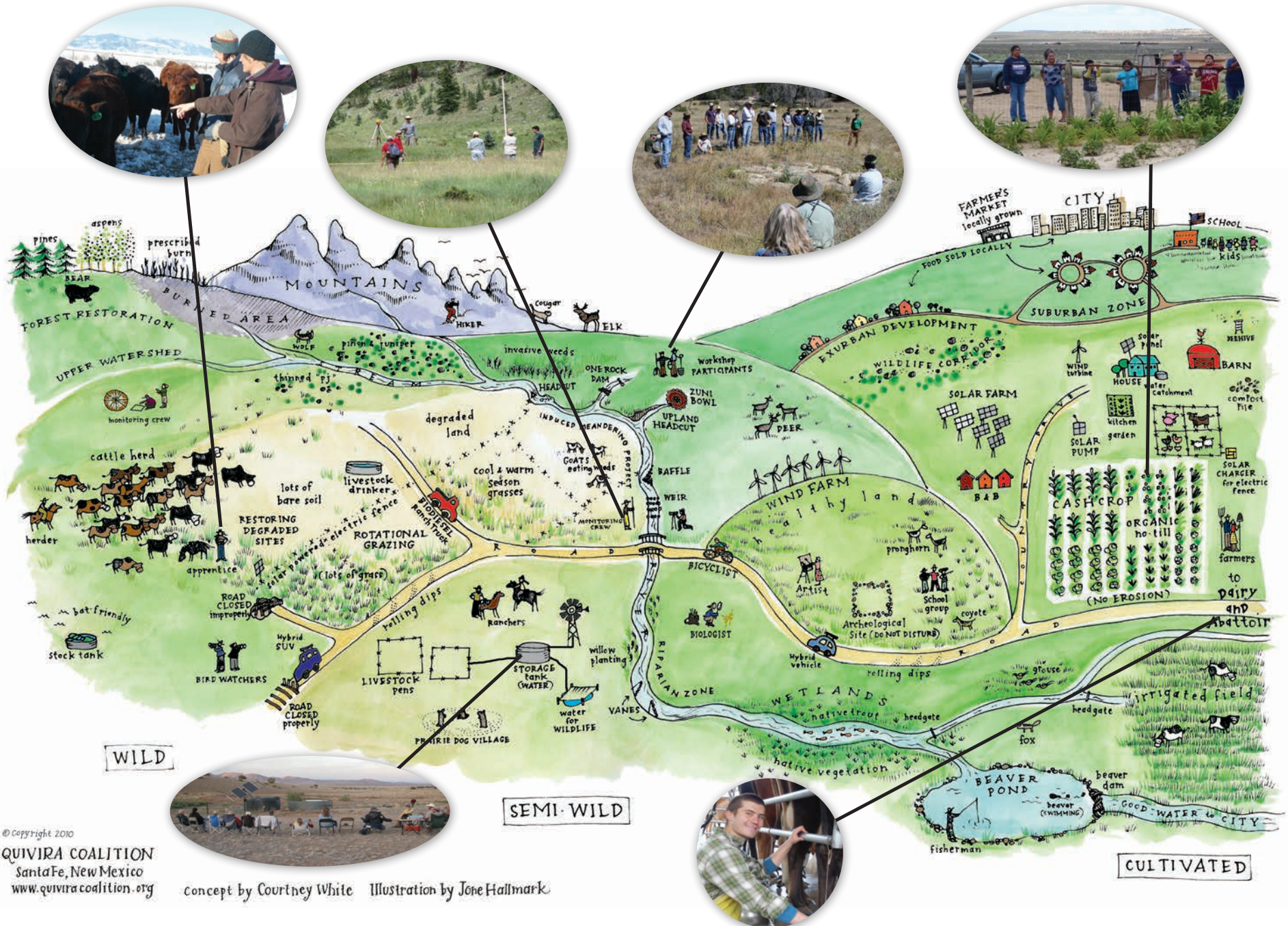


ARTURO SANDOVAL, *Chair, Board of Directors*



Avery C. Anderson and Courtney White

2012 HIGHLIGHTS



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 QUIVIRA COALITION
 Santa Fe, New Mexico
 www.quivira-coalition.org

concept by Courtney White Illustration by Jane Hallmark

CARBON RANCH PROJECT

The goal of the Carbon Ranch Project (CRP) is to explore and share climate change mitigation strategies that sequester CO₂ in soils and plants, reduce greenhouse gas emissions and produce co-benefits that build ecological and economic resilience in local landscapes.

The project began in November, 2010 with the ninth annual Quivira Conference in Albuquerque, New Mexico, which was titled *The Carbon Ranch: Using Food and Stewardship to Build Soil and Fight Climate Change*. The conference, which drew more than 400 people from across the country, was inspired by recent research on the role grasslands can play in sequestering CO₂ in soils. As part of the event, Courtney White wrote an essay on the carbon ranch that was published in *Rangelands* magazine in April, 2011.

In late 2010, Quivira received funding from the Compton Foundation to launch the CRP. This money was matched by grants from The Lia Foundation, New Cycle Foundation, Panta Rhea Foundation, Lydia B. Stokes Foundation and Sulica Fund. Combined with support from the Quivira Coalition and a second grant from Compton Foundation, Courtney was able to accomplish the following in 2012:

- Outline, research, conduct field visits and write an introduction and the first chapter of *Carbon Country*, a book based on the map developed for the conference;
- Launch a website to provide a virtual library of resources related to the Carbon Ranch idea as an ongoing part of the Project, www.carbonranching.org;
- Start a blog called *The Carbon Pilgrim*, <http://carbonpilgrim.wordpress.com/>;
- Create an ongoing publication series called *2% Solutions* showcasing case studies that highlight practices to soak up CO₂ in soils, reduce energy use, sustainably intensify food production and increase water quality; and
- Participate in various Carbon Ranch related outreach events in the U.S. and abroad.

COURTNEY'S 2012 SABBATICAL: In addition to the carbon ranching projects, Courtney worked on the Quivira Conference, the journal and fundraising, and other creative projects during his sabbatical, including (1) publishing a collection of black-and-white photographs of the American West in an online book titled *The Indelible West*. The book includes a foreword by Wallace Stegner, written in 1992 (www.indeliblewest.com); (2) reworking a short history book on Pecos National Historical Park, which he originally wrote in 1996; and (3) pulling together a wide variety of published and unpublished essays written over the years into a collection titled *Age of Consequences*.

Opposite page photos, upper left clockwise:

Virginie Pointeau and Amy Wright, New Agrarian Apprentice on San Juan Ranch, Saguache, Colo.
Comanche Creek Restoration Workshop, August 2012
Reading the Landscape Workshop at Canon Bonito, September 2012
Ojo Encino Backyard Garden Tour, July 2012
Josh Lang, New Agrarian Apprentice with James Ranch Artisan Cheese
Presentation by Bat Conservation International at Quivira's Red Canyon Reserve, May 2012

Courtney was also a writer-in-residence at the U Cross Foundation near Sheridan, Wyoming and the first Aldo Leopold Writer-in-Residence at Mi Casita, in Tres Piedras, New Mexico, made possible by the Aldo Leopold Foundation and the U.S. Forest Service.

Reflecting on his sabbatical, Courtney writes, "All of these accomplishments exceeded my expectations for the sabbatical and I am grateful for the opportunity granted to me by Quivira's board. It was also very gratifying to know that the sabbatical helped to encourage a leadership transition within the organization."

JOURNAL

Sustainability. Adaptation. Mitigation. Local. Grassfed.

These words, so much in the news today across the globe, barely registered on people's radar screens fifteen years ago. For example, when we founded the Quivira Coalition in 1997, we were focused on peace making, collaboration, land health and good stewardship. Issues such as climate change, local food production, grassfed meat and other "modern" concerns were rarely discussed. That's not the case anymore. Soon these words will require a new conservation paradigm, one that combines the ecological, the economic and the social

Fortunately, one is emerging, led by new agrarians.

Across America, there is a resurgent interest in local, family-scale, sustainable food, fiber and fuel production. It began slowly, but has recently gathered speed. Local food is the focus and key to this new movement, but it's more than just food systems. New agrarians have a vision of resilient food production from farms and ranches that are managed for land health, biodiversity and human well-being. It means working to sequester carbon in soils, improving water quality and quantity, restoring native plant and animal populations, fixing degraded creeks, developing local energy sources and replenishing the land for people and nature alike. It is a vision of coexistence, resilience and stewardship—a place for people in nature, not outside it.

A place worth calling home.

Courtney

Courtney White

Read Resilience online: <http://quiviracoalition.org/Publications/Journals/index.html>





CONNECTING THE QUIVIRA COMMUNITY

How to Feed Nine Billion People from the Ground Up: Global human population is projected to reach nine billion by 2050, which means food production will need to expand by 70 percent to keep up. How to meet this daunting challenge while ensuring the health of land, water, wildlife and people will be one of the great tasks of the 21st century.

At the 2012 Quivira Conference, we explored a variety of innovative practices that are already successfully intensifying food production while preserving, maintaining and restoring the natural world. Innovators in soil, seeds, water, plants, livestock, forests, organics and people came to share their hands-on experience and ideas for feeding all life—from the ground up. Speakers included Dr. Jill Clapperton (soil expert and Principal Scientist/President of Rhizoterra Inc.), Dr. Molly Jahn (Professor of Agronomy and Genetics, University of Wisconsin), Sandra Postel (Founder and Director of the Global Water Policy Project), Colin Seis (Australian farmer and expert in pasture cropping), Allan Savory (originator of the Holistic Management concept), Miguel Altieri (Professor of Agroecology at University of California, Berkeley), Fred Provenza (expert in the animal behavior-based management of landscapes) and ranchers Gabe Brown, Julie Sullivan and George Whitten, to name just a few.

In a SOLD OUT event—a first for Quivira—534 people from all over the country came together to share their ideas on ways to address this critical issue. Notably, 169 of the people in attendance were new to the Quivira community. We are excited that this number continues to grow every year and also by a continual increase in youth representation, made possible by scholarship donations. We are also inspired by our new agrarian constituency and the energy they brought to the New Agrarian Career Connection event at the conference.

At the 2013 Awards Banquet we were honored to present rancher Joe Morris and the Taos Country Economic Development Corporation with the Clarence Burch Award. Radical Center Awards went to Rick Danvir (wildlife biologist), Sweet Grass Co-op, Seth Rothman (Green Fire Times) and Marcy Leavitt (New Mexico Environment Department).

Locations Represented

New Mexico = 53%
Colorado = 16%
California = 8%
Texas = 4%
Arizona = 4%
Montana = 3%
Wyoming = 2%
International = 1%
Other states = 9%

Communities Represented

Innovative Rancher/Farmer = 30%
Environmentalist = 24%
Academic = 16%
Business Community = 16%
Government Agencies = 7%
Tribal Member = 4%
Foundation Representative = 3%

IN THE CREEK

This year was a watershed (pun intended) for Quivira's Land and Water Program. Not only did Mollie Walton inherit the leadership of the program from

Michael Bain, but we also made good progress towards building resilient landscapes in northern New Mexico. Highlights from 2012 include:

EDUCATION: We engaged the minds of our constituency by offering four educational workshops for land owners/managers, government scientists and interested members of the Quivira community. The first workshop of the year took place in May 2012 at Quivira's own Red Canyon Reserve (RCR) in Socorro, New Mexico. The RCR Conservation Team hosted an Ecology Outdoor Classroom in which we updated existing floral and faunal species lists. The second workshop was held in the Comanche Creek Watershed and taught surveying and monitoring techniques. The third workshop, held at Canon Bonito Ranch in Wagon Mound, New Mexico in September, was taught by Bill Zeedyk, Kirk Gadzia and landowner Mike Reardon. Participants were led on an inspiring tour of a resilient ranch in northern New Mexico and left with useful techniques to incorporate into the management of their own land. The final workshop of the year was part of the New Mexico Watershed Forum 2012 workshop series. In cooperation with many partners, including Jan-Willem Jansens and the Hermit's Peak Watershed Alliance, we presented a two-day workshop entitled Preparing for and Adapting to Drought in Northern New Mexico. All four workshops were well attended and gave participants classroom instruction along with field time to explore water harvesting, erosion control, soil health, rangeland management and riparian zone monitoring and restoration.

INNOVATION: Quivira is always on the cutting edge of effective, cost-efficient, low impact restoration techniques that work to improve water quality and enhance habitat for species such as the Rio Grande cutthroat trout. In 2012, we continued our long-running work at Comanche Creek Watershed in Valle Vidal, New Mexico, but with a new twist: current grants from the New Mexico Environment Department, the U.S. Environmental Protection Agency and the U.S. Fish and Wildlife Service have enabled us to expand our existing toolbox by experimenting with new treatments and monitoring techniques.

RESTORATION: The completion of the Dry Cimarron Riverine Restoration Project on Rainbow Ranch in Colfax County, New Mexico was a marked success in 2012—the culmination of ten years of work by Quivira staff, the New Mexico Environment Department, restoration contractors, countless volunteers and the Hill family (owners of Rainbow Ranch). The three-mile project reach of the Dry Cimarron River had been adversely affected by channel modifications, grazing practices and the removal of riparian vegetation. The restoration has resulted in increased channel length (net gain of 522 feet) and sinuosity, restored floodplain access, improved riparian and wetland vegetation (net gain of 200 linear feet of wetland area), reduced stream bank erosion and abatement of channel down-cutting and wet meadow head-cuts along riparian corridors.





THE NEXT GENERATION

Agriculture drives economies, creates green job opportunities and directly affects the health of our nation. With the national average age of U.S. ranchers and farmers approaching 60 and with less than 2 percent of the population currently dedicated to producing food, it is critical that we increase training opportunities for the next generation of food producers and land stewards. If we fail to take proactive measures to train young agrarians, we face further degradation of natural resources and ecosystem services, food insecurity and development of prime agricultural land. Since 2008, Quivira's New Agrarian Program (NAP) has partnered with ranches and farms around the Southwest to offer hands-on apprenticeships for new agrarians.

OUR MENTORS: NAP works closely with carefully selected mentors, dedicated stewards of the land who practice beyond organic, regenerative methods of food production; provide excellent animal care; and are natural teachers for young agrarians. It is in large part to these extraordinary educators that we owe the ongoing success of this program: (1) Julie Sullivan and George Whitten (San Juan Ranch, Saguache, Colorado) have dedicated their combined experience in Holistic Management and experiential education with their passion for ranching, land health and teaching to NAP since its inception in 2008. (2) Dan and Becca James (James Ranch Artisan Cheese, Durango, Colorado) own one of several "beyond organic" family enterprises contained within the James Ranch. Their 100 percent grass-fed, organic dairy and cheese-making operation has partnered with NAP since 2010. (3) Duke Phillips (Chico Basin Ranch, Colorado Springs, Colorado) partnered with NAP in 2012 to implement the first Level II Ranch Management Apprenticeship on ranchlands that combine traditional ranching with innovative land stewardship.

OUR APPRENTICES: As a selective professional development program for young agrarians, NAP offers experiential training in all aspects of a resilient agricultural enterprise. NAP is targeted at young people committed to a life and career at the intersection of conservation and sustainable agriculture. Our 2012 NAP apprentices represent both the essence of "agrarian" and the best hope for the future of sustainable agriculture: (1) Amy Wright graduated from the San Juan Ranch apprenticeship in early 2012, and immediately embarked on a Level II Ranch Management Apprenticeship on the Chico Basin Ranch. Upon completing this apprenticeship in 2013, Amy will have spent nine months on the Chico, followed by several shorter residencies on different operations throughout the West focused on drought management, low-stress animal handling and horsemanship. (2) During her yearlong apprenticeship on the San Juan, Martha Skelley gained experience with a cow-calf and grass-finishing operation, including Holistic Management, low-stress animal handling, herding, biological monitoring, marketing, financial planning and land stewardship. (3) Josh Lang apprenticed with James Ranch Artisan Cheese from April to November 2012. He gained hands-on experience with the entire cheese-making process, including low-stress animal handling, animal health assessment and management, milking, cheese production, marketing, financial planning, Holistic Management and land stewardship.

YÁ'ÁT'ÉÉH

Over the last seven years, the Quivira Coalition has worked with three chapters on the Navajo Nation to strengthen traditional resilience strategies by restoring *hózhó*—a Navajo word that means “walking in beauty” or living in a manner that strives to create and maintain balance, harmony, beauty and order. Our work in Ojo Encino, Counselor and Torreon is about rediscovering a land ethic. It requires building local capacity and testing strategies that make land-based activities economically viable and resilient in the face of climate change. In 2012, we accomplished the following:

BUILDING CAPACITY: Further developed the capacity of Hasbídító as a Navajo-run 501(c)(3) organizations whose mission is to “create sustainable opportunities for their people through projects that utilize the communities’ talents, skills and knowledge.” Hasbídító has made much progress in developing their board of directors, financial management and project oversight skills. Their ultimate goal is to build capacity for the sake of healthier landscapes and healthy people.

RESTORATION: Restored backyard gardens and abandoned floodwater farm fields by healing vital components (i.e. alluvial fans) of an otherwise degraded landscape. These old agricultural sites were important not only for the food they produced, but also for the diversity of medicinal plants. Every year more community members are becoming involved, not only in order to feed their families “real” food, but also because they see these sites’ value as building blocks in a re-emerging local food system.

RE-LOCALIZATION: Developed community capacity to plan and implement ecological restoration projects using local materials and labor. In past years, projects were executed through Quivira-sponsored workshops and contractors. Now, workshops are initiated, organized and taught within the community with little outside support.

CHANGING PARADIGMS: Planned and implemented feral horse and livestock management. Community members are writing management plans (with assistance from the Natural Resource Conservation Service) that will give them access to funding for wells and fencing. In addition, Ojo Encino Chapter is taking proactive measures to control the feral horse population by passing a Feral Horse Management Resolution and inspiring surrounding chapters to do the same.

ENGAGING YOUTH: Engaged Navajo youth and created new avenues through which the next generation of land stewards can receive hands-on mentorship in land health restoration techniques. The Summer Youth Erosion Control Team at Ojo Encino has tackled significant watershed restoration projects with minimal outside technical support and will now include water harvesting methods.

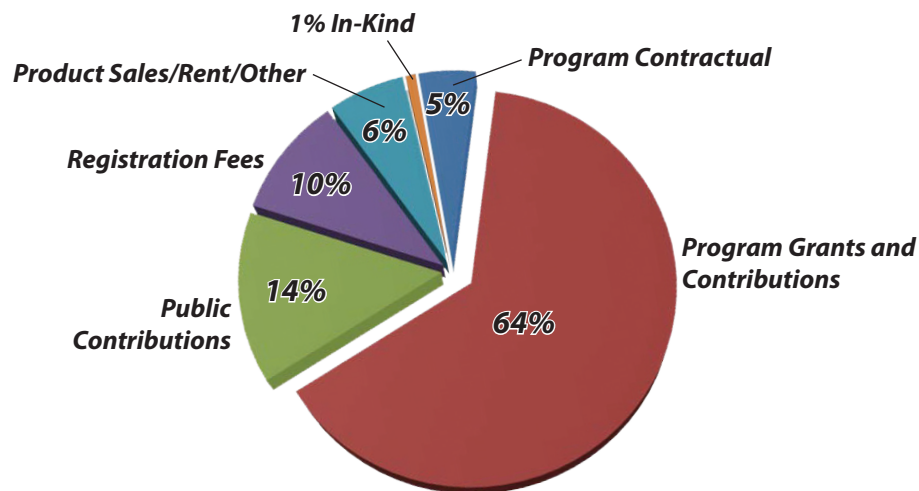
USEFUL SCIENCE: Gained a greater understanding of how to integrate the traditions of dryland agriculture with modern land management practices. In collaboration with New Mexico Highlands University we are working to understand basic soil moisture and nutrient cycling dynamics and the factors that limit crop production in these traditional, low-input, dryland farming systems. This work will support the restoration of gardens and fields and revive culturally important agricultural practices in today’s bio-cultural environment.



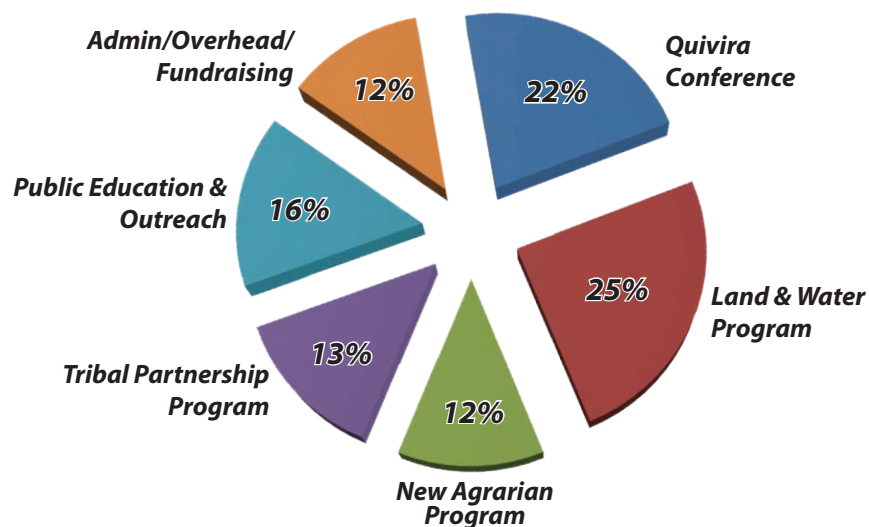
2012 CASH FINANCIAL REPORT

Quivira Coalition, a 501(c)(3) nonprofit organization, undergoes an independent audit each year to verify the financial information presented in annual reports and on the 990s filed with the U.S. Internal Revenue Service. Copies of Quivira's 990s are available by request. The following charts show ordinary income and expenses ending December 31, 2012. All financial documentation is shown before 990 tax reporting and our annual audit.

Quivira 2012 Income



Quivira 2012 Expenses by Program Area



BOARD OF DIRECTORS

Chair – Arturo Sandoval | *Center of Southwest Culture*
Vice-Chair – Sid Goodloe | *Rancher, Carrizo Valley Ranch*
Secretary – Ernest Atencio | *Land & Culture Consulting*
Treasurer – Craig Conley | *Professor, New Mexico Highlands University*

Members:

Joan Bybee | *Rancher, Mesteño Draw Ranch*
 Frank Hayes | *Heart and Horn Ecological Services, LLC*
 Ray Powell | *New Mexico State Land Commissioner*
 Nancy Ranney | *Rancher, Ranney Ranch*
 Beth Schnieders | *Co-founder, MoGro*
 Tim Sullivan | *Colorado State Director, The Nature Conservancy*

Affiliations of the board members are listed to convey the breadth of experience that these individuals bring to the governance of the Quivira Coalition.



STAFF

Avery C. Anderson | *Executive Director*
Courtney White | *Founder and Creative Director*
Catherine Baca | *Conference Director, Tribal Partnership Program Director*
Tamara E. Gadzia | *Publications Director*
Deanna Einspahr | *Business Manager*
Mollie Walton, Ph.D. | *Land and Water Program Director*
Virginie Pointeau | *New Agrarian Program Director*

QUIVIRA FUNDING COMMUNITY

COMMUNITY \$10,000+

The Christensen Fund
The Dixon Water Foundation
Patrick A. Dunigan Fund of
The Dallas Foundation
Lillian Goldman Charitable Trust
Grasslans Charitable Foundation
Robert Jespersen and
Sylvia Y. Atencio Jespersen
The Lia Fund
Judith McBean Foundation
McCune Charitable Foundation
The David and Lucile Packard Foundation
Barbara Roastingear and
Henry Oliver III Family Foundation
Santa Fe Community Foundation -
Community Winter Grant and
Giving Together Program
Schnieders Family Foundation
Thaw Charitable Trust

ANIMAL \$5,000+

Adelante Consulting, Inc.
Apache Foundation
The Bybee Foundation
Harry Duncan Campbell, Jr.
David F. Levi and Nancy Ranney Levi
Lydia B. Stokes Foundation
Panta Rhea Foundation
Ranney Ranch

PLANT \$2,500+

2012 Quivira Conference Attendees
[NAP Fund Drive]
New Cycle Foundation Fund
Nathan and Elizabeth Johnson -
Seligson Johnson Donor Advised Fund,
The Nature Conservancy
Spur Lake Cattle Company
Trinchera Blanca Foundation, LLC
Truchas Chapter, Trout Unlimited
Western Native Trout Initiative

SEED \$1,250+

David E. Bacon
Central Colorado Educational Trust
The Dennis A. O'Toole Family Foundation
Jeff Goebel
La Montanita Food Co-op
Martha-Ellen Tye Foundation
Zeedyk Ecological Consulting, LLC

SOIL \$500+

Animas Foundation
Anonymous
Julie and Michael Bain
Cañon Bonito Ranch
Gaywynn and Ed Cooper
Community Bank
Steve and Nansy Carson
The CS Foundation
Julia Davis and David A. Stafford
Nancy Dickenson
Heart and Horn Ecological Services
Brad and Kathleen Holian
Margo Cutler
Pete Ferrell
Thomas Guthrie
John P. McBride
Mesteño Draw Ranch
Myfe W. Moore
Beth and Alarik F. Myrin
Patrick O'Neill
Carol and James Parker
Pete Pulis
Beth and Rick Schnieders
The Sulica Fund
Tim A. Sullivan

PROFESSIONAL IN-KIND

Cullen Hallmark
Bill Zeedyk
Kirk Gadzia
Mike Reardon

QUIVIRA VOLUNTEERS

In 2012, 150 people attended or volunteered at Quivira Coalition outdoor classrooms and workshops, contributing 2,056 in-kind hours

We want to specially thank and recognize the contribution of Steve Carson, Frank Hayes, Larry Cary and Cullen Hallmark—the Red Canyon Reserve Conservation Team.

On behalf of the Board, Staff, and the entire Quivira Community, we want to give a big THANK YOU to every Donor, Sponsor, Friend and Volunteer who helped us in 2012. It's a cliché to say we couldn't have done it without you—but it's true!

Thank you again, and we look forward to another productive, exciting and resilient year in 2013.

Sincerely,

The Quivira Team



Back row left to right: Courtney White, Avery C. Anderson, Kit Brewer (new in 2013). **Front row left to right:** Viginie Pointeau, Tamara E. Gadzia, Mollie Walton, Catherine Baca and Deanna Einspahr.

QUIVIRA CONFERENCE

Inspiring Adaptation



November 13 - 15, 2013
Albuquerque, New Mexico

2013

*The Westerner is less a person than a continuing adaptation.
The West is less a place than a process.*
– Wallace Stegner

In 2013, we are considering our third Five-Year Plan. The central tenet of our previous five-year plan—**BUILDING RESILIENCE**—is still more important than ever. However, since 2007, both the scale and the speed at which ecological change is taking place and the urgency with which these changes must be addressed have increased. Climate models show with very high confidence that the Southwest is on a trajectory to become a hotter and drier place to live and work. This requires not only that we be resilient but also that we explore adaptation strategies. A “new” normal is upon us. By its history and through its work, Quivira is uniquely positioned to help others adjust and adapt to this evolving landscape.

How will human and non-human communities in semi-arid systems survive in an increasingly hotter and dryer world? This is the principle question that drives our commitment to **INSPIRING ADAPTATION**. Whether you are a bat biologist or a cattle rancher, this question is becoming increasingly anguished. Quivira’s unique strength has been to identify and boldly articulate the question and then to draw on our deep knowledge base, diverse relationships and innovative thinking to create workable solutions that will build land health on western working landscapes.

We think that adaptation is so important that we have made it the theme of the 2013 Quivira Conference, *Inspiring Adaptation*. From prehistoric times to the present, human societies have successfully adapted to the challenges of a changing West, including periods of severe drought, limitations created by scarce resources and shifting cultural and economic pressures. Now the American West is entering an era of unprecedented change bought on by new climate realities, which will test our capacity for adaptation as well as challenge the resilience of the region’s native flora and fauna. It is therefore of paramount importance that we find and share inspiring ideas and practical strategies that will help all of the region’s inhabitants adapt to a rapidly changing world. At our 2013 conference, we will hear from scientists, ranchers, farmers, conservationists, urban planners and others who have bright ideas and important tools to share from their adaptation toolbox.



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