

The Quivira Coalition Conservation Seminar

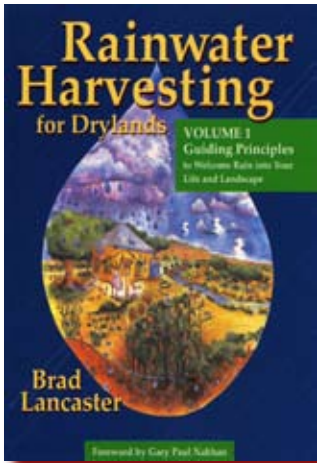
“Water Harvesting for Dry Lands”

Thursday, January 17, 2008, 8:30 am - 4:00 pm Marriott Pyramid, Albuquerque, NM

Water resource specialists will share concepts and practices on how to turn water scarcity into water abundance.

Morning session:

“Turning Drains Into Sponges and Water Scarcity Into Water Abundance”



This inspiring presentation shares eight universal principles of water harvesting along with simple strategies that turn water scarcity into water abundance. They empower you to create integrated water-sustainable landscape plans at home and throughout your community. Rainwater harvesting is the process of capturing rain and making the most of it as close as possible to where it falls. You'll see examples of enhancing local food security, passively cooling cities in summer, reducing costs of living and energy consumption, controlling erosion, averting flooding, reviving dead waterways, minimizing water pollution, building community, creating celebration and more.

Brad Lancaster is the author of the award-winning Rainwater Harvesting for Drylands and Beyond, Volume 1: Guiding Principles to Welcome Rain Into Your Life and Landscape and Rainwater Harvesting for Drylands and Beyond, Volume 2: Water-Harvesting Earthworks (www.HarvestingRainwater.com). Brad is a permaculture teacher, designer, consultant and co-founder of Desert Harvesters (www.DesertHarvesters.org) and has taught programs for the ECOSA Institute, Columbia University, University of Arizona, Prescott College, Audubon Expeditions, and many others. He has designed and implemented integrated water harvesting and permaculture systems for homeowners and gardeners, the Tucson Audubon Simpson Farm restoration site, and the Milagro and Stone Curves co-housing projects.

Afternoon session:

“Water Harvesting from Low-Standard Rural Roads”

Water can be a nuisance, but is also a valuable natural resource. As the West becomes more populated, as the demand for water escalates and the available supply shrinks, practical measures for harvesting or conserving water become increasingly useful. Instructors **Bill Zeedyk**, and **Steve Carson**, will introduce the concept of harvesting water from low-standard rural roads and address construction and maintenance issues including strategies, techniques and practices for harvesting road runoff to benefit the land and for dealing with frequently encountered problems.

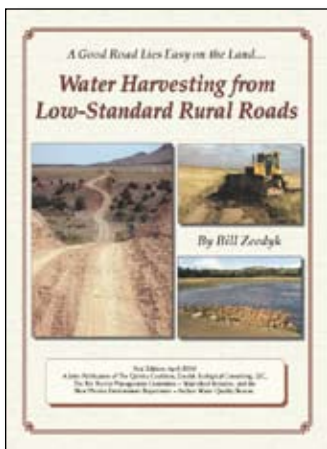
Bill Zeedyk operates a small consulting business – Zeedyk Ecological Consulting, LLC., that specializes in the restoration of wetland and riparian habitats using low tech, hands-on methods and native materials.

Following his retirement from the US Forest Service in 1990, he developed a second career focusing on simple

techniques for stabilizing and restoring incised stream channels, gullied wetlands, and degraded rural roads on public and private lands in the Southwestern U.S. and Mexico. In support of the workshops, Bill has prepared several field manuals including Managing Roads for Wet Meadow Ecosystem Recovery, and his latest book on roads management and maintenance, A Good Road Lies Easy on the Land... Water Harvesting from Low-Standard Rural Roads, published in 2006.

Steve Carson, Rangeland Hands, Inc., is a licensed and insured watershed and roads restoration project design and implementation contractor, and has worked with Bill on many roads and riparian restoration projects around the Southwest.

“ A road is not easy on the land if it collects, concentrates or accelerates surface or subsurface runoff; causes or contributes to soil erosion; impairs or reduces the productivity of adjacent lands or waters; wastes water; unnecessarily intrudes upon key habitats, stream channels, floodplains, wetlands, wet meadows or other sensitive soils; and is aesthetically offensive”.



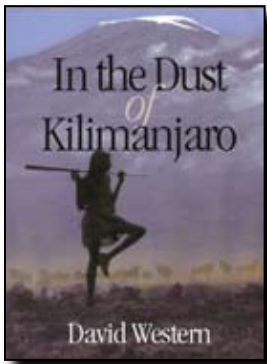
Cost: \$25.00/person. Register on-line at www.quiviracoalition.org or call 505-820-2544 Ext. 5#.

The Quivira Coalition's 7th Annual Conference

Building Resilience: Creating Hope in an Age of Consequences

Thursday - Saturday, January 17-19, 2008
Marriott Pyramid, Albuquerque, New Mexico

Although no one knows what the decades ahead will bring precisely, there are enough indicators to say that the 21st century will be a lot different than the 20th. Whether the concern is climate change, rising energy costs, potential food and water shortages, or something else, the challenges ahead are daunting. One response is to build resilience, which the dictionary defines as "the ability to recover from or adjust easily to misfortune or change." In this Conference we feature stories of resilience and hope. Speakers will explore both the nature of the challenges ahead, as well as how individual and communities have already responded.



Thursday, January 17th Evening Event, 7:30 pm: David Western, Kenyan conservationist and Chairman of the African Conservation Centre will present "**Beyond the Ivory Wars: Is there Space and a Place for Africa's Elephants?**". Although elephants have co-existed with people for millennia, recently their future has become clouded with uncertainty. Twenty years ago, the principle threat was the "Ivory Wars", which depleted the ranks of elephants. Today it is land sub-division which is forcing them into isolated sanctuaries. How can people and elephants co-exist in 21st Century Africa? What about the idea of reintroducing the Elephant to North America? Is that an option or ecological folly? Book signing to follow lecture.

Other Conservation Presentations Include:

- ◆ "**Expecting the Unexpected: Why Resilience Matters to People and the Planet**", **Dr. Lance Gunderson**, Emory University, Atlanta, will explain the ecological idea of resilience - including abrupt, surprising and fundamental changes in ecosystems. He has served as the Executive Director of the Resilience Network, and as Vice Chair of the Resilience Alliance.
- ◆ "**2000 Years of Cultural Adaptation to Climate Change in the Southwest**", **Dr. Eric Blinman**, the Museum of New Mexico, Department of Cultural Affairs. The biophysical record of the past 2000 years gives us a relatively uncluttered virtual laboratory to explore cultural change in the face of a changing environment.
- ◆ "**What Will the Ecosphere Require of Us?**", **Wes Jackson**, The Land Institute, Salina, KS. Five exhaustible pools of energy-rich carbon have sponsored our livelihoods since we began agriculture ten to twelve thousand years ago. This was the break with nature, our fall. It is fitting, therefore, that the healing process begin with agriculture.
- ◆ "**Local Biodiesel For Local Communities**", **Logan Fisher** is co-owner of Earl-Fisher Biofuels based in Chester, Montana. He will discuss the start-up and business model of their 275,000 gallon capacity plant based on oilseed feedstock. Logan is a fourth-generation farmer. The goal of their company is to create a market for oilseed crops that can be grown locally, converted to fuel locally, and consumed locally.
- ◆ "**Biomass Heating Opportunities for Farm/Ranch Communities**", **David Bacon**, owner of Choice Energy, LLC, has leased 11,000 acres from the State Land Office south of Angel Fire to harvest forest thinnings, which will be burned in high efficiency wood boilers, providing heat for Angel Fire and surrounding communities. Learn about the new biomass heating technologies and how they can utilize the thinnings from overgrown rangeland and benefit your pocketbook.
- ◆ "**Commonwealths...the Foundations of Resilient Local Communities**" Over the past 20 years, rural communities of the Great Plains and Interior West have witnessed recurring scenes of population loss, stagnant economies, youth outmigration, and degradation of natural resources...anything but the picture of resilience. Community developer and educator **Darryl Birkenfeld**, will identify and describe 12 foundational assets known as commonwealths, and engage participants in visualizing these key founts of resilience for their communities.

***For complete agenda and registration materials visit our website:
www.quiviracoalition.org or call 505-820-2544 Ext. 5#.***