

2014 Land & Water Summit



DROUGHT

as an opportunity for change

February 20-21, 2014

Sheraton Albuquerque Airport Hotel
2910 Yale Boulevard S.E. • Albuquerque • NM

Presented by:



Xeriscape
Council of New Mexico



**Green Infrastructure
Low Impact Development
in Arid Environments**

Thank You To Our Sponsors And Major Supporters

In our efforts to continue the Land & Water Summit, the Xeriscape Council of New Mexico and Arid Low Impact Development are supported by an increasing number of contributors including:

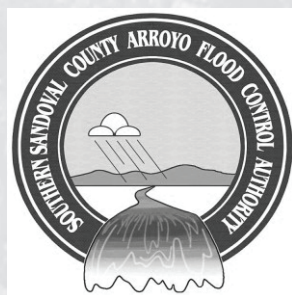
- **Watershed Sponsors:** Bernalillo County and Southern Sandoval County Arroyo Flood Control Authority (SSCAFCA)
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- **Acequia Sponsors:** City of Santa Fe, New Mexico Water Conservation Alliance, Riccobene Hardscape Innovations, Masonry Structures and the American Society of Landscape Architects.

An additional thanks goes to Bookworks, one of Albuquerque's last independent bookstores, for once again bringing the best of the written word on related subjects to the Summit. And to Morrow Reardon Wilkinson Miller, Ltd., Neumark Irrigation, Ewing Irrigation, and Water Smart Innovations for their continued support through donations and booths.

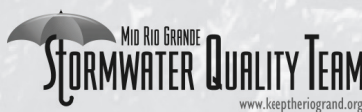
We are extremely pleased with this diverse and generous support and with the fact that it demonstrates increasing community involvement in supporting water conservation. It is due to this support and the support of you, the life-long learners with strong commitments to their professions and to their communities who attend this conference, that we are able to provide such high quality speakers.

The Xeriscape Council of NM & Arid Low Impact Design

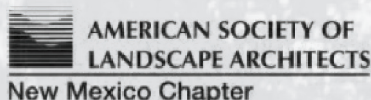
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Welcome to the Land & Water Summit, our 19th Water Conservation Conference!

The seeds of the Xeriscape Council of New Mexico were planted in 1987 at the first Xeriscape Conference held in Los Alamos, New Mexico. The founding members were a diverse group of private and public sector professionals with a common desire to make landscape design and construction more environmentally responsible in the southwest. Our original message about water conservative, resource efficient, and beautiful landscaping continues to resonate. Those early efforts and the increasing impact of climate variability on the way we develop spaces have resulted in words like watershed and sustainability, ecosystem and urban heat island becoming part of everyday speech. From the beginning our small group of volunteers has worked together relentlessly to educate people locally and regionally. Much has changed in the water conservation and landscape industry over the years but there is still much to do.

We continue our partnership with Arid LID to establish a synergy between the built and the planted solutions to water management and urban heating. We've rebranded the water conservation and xeriscape conference as **Land & Water Summit** to reflect the broad focus needed to tackle land and water use effectively, and see the ongoing drought as an opportunity to create positive change in the way we design and build. Our exceptional speakers this year will be led by **keynoter Cynthia Barnett**, author of *Blue Revolution: Unmaking America's Water Crisis*. Ms Barnett will discuss a new water ethic for America. On Friday for the first time we are hosting a roundtable discussion between green infrastructure activists, the EPA and commercial developers: *Balance Point: Finding the Reality between Cost, Regulation and Ideals in Green Infrastructure Design*.

Thank you for coming.

George Radnovich, Hunter Ten Broeck, Teresa Harner, Judith Phillips, Marian Wrage, Catherine Conran, Cat Corva, Caryn Grosse and Cheri Vogel

The 2014 Land & Water Summit Planning Committee

Other speakers this year will discuss our current water and climate situation and their potential implications; what we might learn from the radical human adaptations precipitated by past mega drought; the advantages of listening to the land to create sustainable places; designing soil to maximize and retain rainwater for healthy trees; the challenges, changes and choices we face in maintaining our urban forests in New Mexico; how other communities are taking conservation to the next level including reaching out to formerly uninvolved segments of the community; collaborative policy development for and construction of green infrastructure and water harvesting; and how we might all find common ground in our search for water equity and sustainability. We are especially excited to have Albuquerque's own Blackout Theater *Rain On Water Myth* in a satirical look at misconceptions about water conservation.

We hope this year's conference will inspire some new and creative ideas for your own lives and a healthy regard for the direction of the water conservation movement. We invite you to listen, talk and discuss these concepts with us, the speakers and each other, to make the 2014 Land & Water Summit one of our best collaborations yet, a memorable experience and a step toward an abundant future. We hope you find yourself inspired and energized to make positive change happen.

Day 1 Agenda

Thursday, February 20

8:00 – 8:30	Introductions and Conference Kick-Off – George Radnovich
8:30 – 8:45	<i>Letter from the Senator Tom Udall</i> – Sarah Cobb, Office of Senator Tom Udall
8:45 - 10:00	<i>A Water Ethic for America</i> – Cynthia Barnett, Keynote
10:00 – 10:15	Break
10:15 – 11:00	<i>Annual Climate Update</i> – Dr. David Gutzler, University of New Mexico
11:00 – 11:45	<i>2000 Years of Human Adaptation to Climate Change in the Northern Southwest</i> – Dr. Eric Blinman, Director, NM Office of Archaeological Studies
12:00 – 1:30	Lunch
1:30 – 2:30	<i>From Mesa Verde to Aldo Leopold: Listening to the Land</i> – Anthony Anella, Principal, Anthony Anella Architect; Board Secretary Aldo Leopold Foundation; Author
2:30 – 3:15	<i>Designing Soil to Maximize and Retain Rainwater for Healthy Trees</i> – James Urban, Landscape Architect Fellow, FASLA and ISA
3:15 – 3:30	Break
3:30 – 4:15	<i>New Mexico Urban Forests--Challenges, Changes, Choices</i> – Tracy Neal
4:15 – 5:00	<i>Planning for Drought in Changing Times</i> – Mary Ann Dickinson, President/CEO Alliance for Water Efficiency

Day 2 Agenda

Friday, February 21

8:00 – 8:15	Introduction – George Radnovich
8:15 – 9:15	<i>Taking Conservation Initiatives to the Next Level</i> – Karen Guz, Director of the Water Conservation Program, San Antonio Water System
9:15 - 10:00	<i>Collaborative Policy Development for Green Infrastructure and Water Harvesting: Case Studies from Tucson</i> – Catlow Shipek, Founding Member, Watershed Management Group
10:00 – 10:15	Break
10:15 – 11:00	<i>Making the Most of Greywater: An Integrated Approach to Irrigation</i> – Paul James, Morrow Water Savers, LLC
11:00 – 11:45	<i>Water Harvesting Site Design: Tips, Tricks, and Teasers</i> – James DeRoussel, Watershed Management Group
11:45 – 12:45	Lunch
12:45 – 1:30	<i>Common Ground on Hostile Turf: Stories from an Environmental Mediator</i> – Lucy Moore, Lucy Moore Associates
1:30 – 3:00	<i>Balance Point: Finding the Reality between Cost, Regulation and Ideals in Green Infrastructure Design</i> – Roundtable discussion
3:00 – 4:00	<i>Raining on Water Myths</i> – Blackout Theater

Roundtable Discussion



Balance Point: Finding the Reality between Cost, Regulation and Ideals in Green Infrastructure Design

Sponsored by Bernalillo County

Friday, February 21 1:30 to 3:00 pm

New to our agenda this year is a roundtable discussion. Each year we will try to introduce a new interactive discussion with key stakeholders on a relevant topic. The goal of this year's roundtable is to address issues relating to implementing green infrastructure and arid low impact design in the Middle Rio Grande. The format will include a brief welcome and review of the purpose of the discussion, followed by two minute introductions by each panelist relating who they are, their professional affiliations and why they personally are participating. Panelists have been asked to submit questions for each other in advance. The questions have been organized and prioritized based on common themes. All participants have been briefed on the potential topics. The question order and time allowed per answer will be facilitated by Lucy Moore. If time allows, additional questions will be taken from the audience.

- **Don Briggs, Bernalillo County, Introduction**
- **Lucy Moore, Facilitator**
- **Ron Bohannon, PE, Principal at Tierra West**
- **James Strozier, AICP, Principal at Consensus Planning Inc.**
- **Bill Honker, EPA Region 6**
- **Scott Verhines, State Engineer, NMOSE**
- **Catlow Shipek, Watershed Management Group**
- **Chuck Easterling, Easterling Consultants, LLC**

We appreciate any feedback on this new addition to our Summit!

Speaker Bios

Sarah Cobb

Office of Senator Tom Udall

Sarah Cobb is Field Representative for Senator Tom Udall. In this capacity, she acts as a liaison with federal, district, and local agencies for the Senator and his constituents. She addresses concerns and issues some requiring legislative action and works with colleagues to advance these concerns. She covers issues in Bernalillo, Sandoval and Valencia Counties, with a range from health, education, agriculture, land management, water and environment, and veterans. She has worked with Senator Udall for 13 years.



Keynote Cynthia Barnett

Author

Ms. Barnett is a long-time journalist who has reported on freshwater issues from the Suwannee River to Singapore. Author of *Mirage: Florida and the Vanishing Water of the Eastern U.S.* and *Blue Revolution: Unmaking America's Water Crisis*, she is now working on a human and natural history of RAIN.

Blue Revolution, which calls for a water ethic for America, was named by The Boston Globe as one of the top 10 science books of 2011, describing Ms. Barnett's author persona as "part journalist, part mom, part historian, and part optimist."

Ms. Barnett's previous book, *Mirage*, won the gold medal for best nonfiction in the Florida Book Awards and has been likened to Rachel Carson's *Silent Spring* and Marjory Stoneman Douglas' *River of Grass* as "groundbreaking calls to action that made citizens and politicians take notice."

She earned a bachelor's degree in journalism and master's in American history with a specialization in environmental history from the University of Florida. In 2004, she was awarded a Knight-Wallace Fellowship at the University of Michigan, where she spent a year studying freshwater supply. She lives in Gainesville, Florida, with her husband and two water-loving grade-schoolers.



David S. Gutzler

University of New Mexico Professor of Meteorology and Climatology in the Department of Earth & Planetary Sciences

David Gutzler Ph.D., Massachusetts Institute of Technology, 1986, is very interested in interactions between the atmosphere and land surface processes, especially energy and moisture fluxes, and claims to be woefully ignorant of how these land surface processes work and optimistic that there's a ton of interesting research to be done putting surface systems together with atmospheric systems.



Dr Gutzler has taught Meteorology (a non-mathematical introduction to weather science); Climatology (an upper-division undergrad survey of climate processes); El Niño (an upper-division special topics course); Global Climate Change (an upper-division mix of science & policy); Geological Presentations (a 1-unit course on presentations for E&PS majors); and Physical Climatology (a graduate-level climatology course); Climate Dynamics (a part of the IGERT core curriculum). At our water conservation conferences Dave consistently brings the unsettling news of the progress of climate change home in the most palatable way possible.

Dr. Eric Blinman
Office of Archaeological Studies (OAS), Museum of New Mexico, NM Department of Cultural Affairs

Dr. Blinman has been involved in archaeology in the western United States since 1967, focusing on Ancestral Puebloan archaeology since 1979. He joined the Museum of New Mexico in 1988, serving as laboratory supervisor, assistant director, and as director of Office of Archaeological Studies (OAS) since 2006. His research interests have included paleoenvironmental studies, tribal consultations, archaeomagnetic dating, and reconstructions of the social history of Puebloan peoples. However, he is probably best known for his replication studies of pottery and textile technologies and for his participation in OAS educational programs throughout New Mexico.



In the summer of 2007 Eric participated in a colloquium, *Past Climate Change: Human Survival Strategies*, hosted by the King of Sweden, Carl XVI Gustaf, in Narsaq, Greenland. The colloquium revealed what Eric had taken for granted – the remarkable richness of Southwestern climate and archaeological histories relative to other regions of the world. Our Southwestern landscape has both witnessed and preserved detailed evidence of a complex interplay between climate change and human societies over the past 2000 years. The record includes dramatic stories of social and economic successes and failures, providing useful examples of both the effects of natural climate change and the fragility and resilience of social and economic systems.

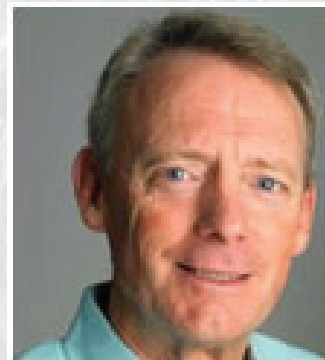
Anthony Anella
Principal, Anthony Anella Architect

Anthony Anella was born and raised in Albuquerque and spent his early summers working on farms and ranches in New Mexico. First and foremost he considers himself a conservationist. As principal of Anthony Anella Architecture, an award-winning architecture and planning practice, the professional accomplishment he is most proud of is the protection from development of 30,828 acres of the Montosa Ranch with a conservation easement. This project is profiled in *SAVING THE RANCH: Conservation Easement Design in the American West*, Island Press (2004), which he co-authored with John B. Wright. In 2008, to diversify his architecture practice, he founded LUMANELLA, a product design company committed to using minimal resources and environmentally sensible materials. Educated at Dartmouth College (Bachelor of Arts in History, 1979) and the University of Colorado (Master of Architecture, 1986), he served as a board member of the New Mexico Land Conservancy from 2004-2012, and currently serves as board secretary of the Aldo Leopold Foundation in Wisconsin.



James Urban ***Landscape Architect Fellow, FASLA and ISA***

James Urban, Landscape Architect Fellow, FASLA and ISA member, is a landscape architect with more than 30 years of experience in the field of urban development and author of *Up By Roots*, a manual giving professionals responsible for tree selection, planting and management the benefit of his three decades of experience with the challenge of planting trees in difficult urban sites. Since 1982, he has researched and tested various methods of tree installation in the urban environment, developed applications for practicing arborists and landscape architects that include the testing of new urban tree systems and planting concepts, developing new approaches to landscape architectural design, and detailing and specifications in the area of trees and urban soils.



Tracy Neal ***Certified Arborist***

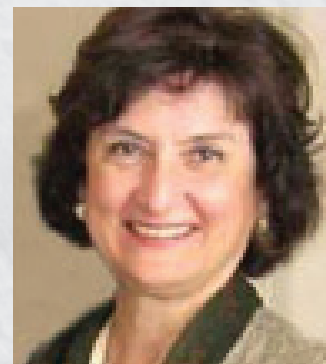
Tracy moved to Santa Fe in 1986 to manage the nursery at Santa Fe Greenhouses, where he introduced many new shrubs and trees to the Santa Fe area. In the spring of 1995 he began working in the field of landscape design and installation. After observing the impact of climate change and drought on the plants and gardens around him, Tracy decided in 2011 to direct his energies into teaching classes oriented to dealing with climate change in the landscape, as well as doing landscape consultation and design with climate change in mind. As a horticultural consultant to the Santa Fe Botanical Garden, Tracy has been actively involved in the creation of the new garden on Museum Hill.



Tracy has been a Certified Arborist since 2000. In 2001, he served on the task force that helped develop the new landscape ordinance for the City of Santa Fe. He also compiled the *Recommended Woody Plant List* for the City of Santa Fe in 2001. He recently revised the *Recommended Woody Plant List* to take into account expected effects of climate change.

Mary Ann Dickinson ***President/CEO Alliance for Water Efficiency***

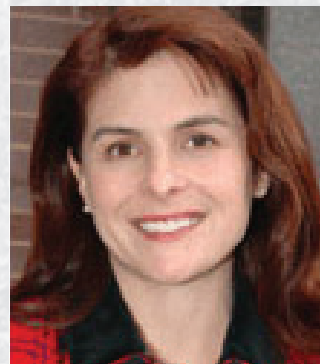
Mary Ann Dickinson is the President and CEO of the Alliance for Water Efficiency, a non-profit organization dedicated to promoting the efficient and sustainable use of water in the United States and Canada. Headquartered in Chicago, the Alliance works with over 385 water utilities, water conservation professionals in business and industry, planners, regulators, and consumers. Prior to joining the Alliance in July of 2007, Mary Ann was Executive Director of the California Urban Water Conservation Council, a non-profit organization composed of urban water supply agencies, environmental groups, and other entities managing statewide water conservation in California and implementing the nation's first set of Best Management Practices.



Mary Ann has over 40 years of experience, having worked at the Metropolitan Water District of Southern California, the South Central Connecticut Regional Water Authority, and the Connecticut Department of Environmental Protection. A graduate of the University of Connecticut with a degree in environmental planning, Mary Ann has authored numerous publications on water conservation, land use planning, and natural resources management, and has co-produced two films which have aired on public television and community cable stations. Mary Ann is Chair of the Efficient Urban Water Management Specialist Group for the International Water Association, past Chair of the American Water Works Association National Water Conservation Division, past President of the California Irrigation Institute, and currently serves as a Board member of the U.S. Water Alliance, Texas Water Foundation, River Network, and the California State University's Water Resources and Policy Initiatives Advisory Board. Mary Ann has presented numerous papers on water conservation internationally and all across the United States and Canada.

Karen Guz
Director of the Water Conservation Program, San Antonio Water System

Karen Guz is the director of the Water Conservation program at the San Antonio Water System received the 2012 Water Star Award from the Alliance for Water Efficiency which recognizes personal and professional dedication to municipal water conservation. She sums it up best: "It is exciting to be part of water conservation in a city that is already leading the rest of the state in lowering water use. Our challenge will be to keep the community engaged as we explore new water-saving technologies and programs. Our success will continue to depend on involving the community in the wide range of conservation opportunities available."



Catlow Shipek
Founding Member, Watershed Management Group

Catlow Shipek is a founding member of Watershed Management Group (WMG), Tucson Arizona. Catlow and fellow co-founders based the philosophy of WMG on the watershed model using water as a link to bring stakeholders together. He received an MSc in Watershed Management from the University of Arizona. Past work at the Southwest Watershed Research Center with the USDA Agricultural Research Service has given him a depth of experience in soil erosion and sedimentation processes on southwestern rangelands. Catlow currently serves on Tucson's Citizen's Water Advisory Committee.



Paul James
Morrow Water Savers, LLC

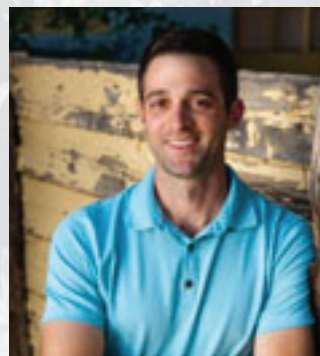
Paul James (BS Geomatics) began designing and manufacturing graywater pumping solutions in Australia in early 2000. In 2003 Paul formed his own company, specializing in sub surface dripperline irrigation. With hundreds of retrofit installations, and thousands of his systems sold in Australia over the following years, he was approached by various US organizations in 2004 to create US versions of his Australian designs.

Just Water Savers USA Inc was formed in 2008 by Paul and Julia James to cater for this need, and Paul moved to the US permanently in 2011. Since 2008 Paul has presented advanced graywater plumbing and irrigation courses training courses across SW USA, as well as invited guest expert presentations at leading International Technology and Water Conservation Symposiums.



James DeRoussel
Watershed Management Group

James DeRoussel, RLA has over 17 years of experience in the landscape industry, including 13 years in the Tucson area in the field of professional landscape architecture. James began his career in Landscape architecture in Tucson where he gained experience working on a variety of large-scale projects in the public sector including planning parks, recreational facilities, roadways and commercial development. James subsequently spent two years as a landscape design/builder. In 2009 he founded ForeSite LLC and currently serves as Principal/Registered Landscape Architect. In 2010, James joined Tucson-based non-profit Watershed Management Group as a Program Manager, overseeing a variety of projects related to storm water management and sustainable infrastructure across the state of Arizona. He continues to practice at ForeSite managing projects from design through construction and speaking nationally about watershed health and landscape design and management in arid environments.



Lucy Moore

Author of *Common Ground on Hostile Turf*

A mediator, facilitator, trainer and consultant, Lucy Moore has worked with multi-issue, multi-party conflicts for the past 25 years, specializing in public policy and environmental issues. Her clients are federal, state, local and tribal governments and agencies, as well as communities, non-profits, and environmental and business interests. As a designer and facilitator of scoping and public involvement processes, she has helped agencies, interest groups and citizens work together for increased understanding and shared responsibility. She has mediated multi-year negotiation processes, facilitated meetings of 400, summarized and evaluated projects and processes, and offered trainings in "Power of Apology" and "Dealing with Difficult People and Hostile Meetings." With a particular interest in water issues, Lucy is co-founder and facilitator of the New Mexico Water Dialogue, a non-profit committed to bringing the full range of voices together to build relationships and find solutions to the water challenges we all face.



Having lived in the heart of Navajo Country for almost eight years, Lucy has a strong background and credibility in Indian country, and has worked with dozens of different tribes, pueblos and nations as mediator and facilitator. She brings a cross-cultural sensitivity to all her work, and has learned many important lessons working with traditional communities, both Native and Hispanic. She and her colleague Roberto Chene offer training and consultation on cross-cultural alliance building. Lucy regularly mentors those who might otherwise not have access to the Alternative Dispute Resolution field, believing that the future health of the profession depends on its diversity and accessibility.

Lucy lives in Santa Fe with her artist husband. Her memoir *Into the Canyon: Seven Years in Navajo Country*, won Best Memoir from Women Writing the West in 2004. Her second book, *Common Ground on Hostile Turf: Stories from an Environmental Mediator*, was published by Island Press in 2013. She is a regular contributor to "Backroads Radio," a program dedicated to original storytelling.

Blackout Theater

Blackout is a New Mexican company that creates and teaches a style of performance incorporating the theatrical, media, musical and studio arts, blurring the lines between them. Since 2007, Blackout has created innovative original theatrical and media productions such as "The Poe Project," "F8: A Rock Musical," and the popular "Stuff Burquenos Say" videos. Currently, Blackout is producing "Carson Lake," a retelling of the greek myth of Phaedra. Blackout also has an extensive education program, offering classes for adults and children, and an extensive in-school playwriting and literacy program, Wrinkle Writing, which is currently serving over 25 classrooms in the Albuquerque Public School system. To learn more about Blackout or to become a donor, please visit www.blackouttheatre.com. Blackout Theatre is a 501c3 nonprofit and all donations are tax deductible.



Expo

dreamstyle
REMODELING
DreamStyleRemodeling.com

Presents

the **ABQ**
home
EXPO

DATES & TIME:

Sat • March 15 • 10am-6pm

Sun • March 16 • 10am-5pm

LOCATION:

**NM State Fairgrounds
Manuel Lujan Complex**

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www.abqhomeexpo.com



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2014 Expo Speaker Schedule

March 15-16, 2014

The XCNM is pleased to team with the ABQ Home Expo to provide the following educational seminars. All presentations in the Lujan Room will be approximately 60 minutes. The presentation in the corner draped space will be less formal and run about 20 to 30 minutes. Please feel free to drop in and out of the sessions as your time allows.

Saturday, March 15th			
Lujan Room		Corner Draped Space	
11:00-12:00	<i>Terrain First!</i> Jim Brooks, Soilutions, Inc.	11:00 – 11:20	<i>Strategies for Producing Food with Less Water</i> Sean Ludden, ARCA Organics and Nepantia Farms
1:00 – 2:00	<i>Good Bugs: Attracting & Sustaining Beneficial Insects</i> Tess Grasswitz , NMSU	12:00 -12:20	<i>Q & A Soil amendments and mulches</i> Walter Dods, Soilutions, Inc.
3:00 – 4:00	<i>Beautiful Plants for Harsh Conditions</i> Hunter Ten Broeck, Waterwise Landscape, Inc.	1:00 -1:20	<i>Q & A Design & Climate Adapted Plants</i> Judith Phillips, Design Oasis
		2:00 – 2:20	<i>Q & A Good Bugs</i> Tess Grasswitz, NMSU
		3:00 -3:20	<i>Q & A Skilled Pruning</i> Barbara Russell, ISA certified arborist
Sunday, March 16th			
Lujan Room		Corner Draped Space	
11:00-12:00	<i>Smart Use Water and Energy Conservation Corner</i> Richard Chapman, Smart Use, Inc.	11:00 – 11:20	<i>Q & A</i> Hunter Ten Broeck, Waterwise Landscape, Inc.
1:00 – 2:00	<i>Extreme Gardening: Coping with Climate</i> Judith Phillips, Design Oasis	12:30 – 12:50	<i>Q & A Watering Trees from Transplanting to Maturity</i> Richard Chapman, Smart Use, Inc.
2:30 – 3:30	<i>Effective, Efficient Landscape Watering</i> Lonnie Burke, ResourceWise, Inc.	1:00 -1:20	<i>Q & A Watering Lawns As Efficiently as Possible</i> Richard Chapman, Smart Use, Inc.
		2:00 – 2:20	<i>Q & A Skilled Pruning</i> Barbara Russell, ISA certified arborist
		3:00 -3:20	<i>Q & A</i> George Radnovich, Sites Southwest

About Xeriscape Council of New Mexico



OFFICERS:

George Radnovich, President • Hunter Ten Broeck, Vice President • Teresa Harner, Treasurer • Marian Wrage, Secretary

COUNCIL MEMBERS:

Hunter Ten Broeck • George Radnovich • Teresa Harner • Judith Phillips • Marian Wrage • Cheri Vogel

CONTACT INFORMATION:

Xeriscape Council of New Mexico • PO Box 6186, Albuquerque, NM 87197 • www.xeriscapenm.com • xquestions@xeriscapenm.com

Council Projects

The Xeriscape Council is education and project oriented. Its primary project is an annual conference on topics in water conservation and landscape. The Council brings high-level globally oriented experts and speakers to Albuquerque for the two-day conference, and free public seminars that are held at a two-day Expo a couple of weeks after the conference. The public sessions focus on more practical 'how to' seminars on design, plant selection, irrigation and maintenance.

The Xeriscape Council incorporated in 1998 and received 501(c)(3) status in 1999. It conducts educational programs, training sessions and conferences on the general topic of xeriscaping and its role in water conservation.

Mission & Goals:

The Xeriscape Council's main goal is to educate New Mexicans and others about water conservation, and to promote native, low-water plants and landscaping/irrigation methods in New Mexico as a means of water conservation. According to Council President George Radnovich, the Xeriscape Council of New Mexico has accomplished its original goal through multiple promotional means, while influencing the City of Albuquerque in its current water-conservation initiatives. Those initiatives include a water-conservation ordinance with associated rebate programs that encourages water-conserving landscapes and irrigation methods, as well as indoor water-saving technologies.

Membership

Membership in the Xeriscape Council is open to the public; however, only active members may serve on its board of directors. Members include landscape architects and designers, horticulturists, management consultants, landscapers, Master Gardeners, extension agency professionals, homeowners, and grounds maintenance workers. The Council meets monthly throughout the year to plan and manage its activities. .

Interested in joining the Council, email us at xquestions@xeriscapenm.com.

Resources

The Xeriscape Council of New Mexico has moved all resources to our website, www.xeriscapenm.com. Please visit our website to find our favorite resources.

Regional Demonstration Gardens

Bachechi Open Space Park Corner Of Alameda And Rio Grande NW, Albuquerque, NM

Rio Grande Botanical Garden 2601 Central Ave. SW, Albuquerque, NM (505) 764-6200

Rio Grande Nature Center State Park 2901 Candelaria Rd. Albuquerque, NM (505) 344-7204

Rio Rancho, Waterwise Demonstration Garden Pinetree Road And Southern Blvd, Rio Rancho, NM (505) 891-5000

Bosque Del Apache National Wildlife Refuge Visitor Center South Of Socorro, NM (505) 835-1828

Denver Water 1600 York St., Denver, CO (303) 628-6348

Denver Botanic Gardens 1600 W. 12Th Street, Denver, CO (303) 331-4000

Mesa Water Xeriscape Demonstration Gardens, Colorado Springs, CO (719) 636-5407

Santa Fe Botanical Garden, Santa Fe, NM (505) 471-9103

About Arid LID

AridLID.org was originally established to serve as the official website for the *2010 Albuquerque Area Green Infrastructure & Low Impact Development Workshop*. Due to the success of that workshop, as well as the growing interest in using GI & LID in arid climates, this website has since transitioned into a resource and information center.



Intro to LID & GI

Green Infrastructure: The term Green Infrastructure (GI) simply refers to a class of stormwater control measures or practices that slow, capture, treat, infiltrate and/or store runoff at its source, and includes both structural (e.g. stormwater capture and treatment) and non-structural (e.g. preservation of open space) approaches.

GI can be applied at the site (e.g. green roofs, porous pavement and cisterns), neighborhood (e.g. green streets and green detention facilities) or regional scale (e.g. urban forestry and open space preservation).

Low Impact Development: LID approaches and principles include: minimizing land disturbance during development, incorporating and preserving natural features in the development, decentralizing stormwater management and treating it at the source through the use of GI and other techniques, reducing and disconnecting impervious surfaces in the development, and understanding and mimicking pre-development hydrology.

The terms LID and GI are often used interchangeably.

LID Demonstration Sites

Please see our separate handout for more Green Infrastructure and Arid Low Impact Design sites.

SSCAFCA Office Building, 1041 Commercial Dr. SE Rio Rancho, NM 87124

Rooftop capture for landscape watering, cisterns, pervious pavement, on-site ponding, and photovoltaic panels

Fidelity Investments , Mesa Del Sol, 5401 Watson Dr. SE, Albuquerque, NM 87106

Permeable pavement, depressed landscaping, retention ponds, water harvesting

Desert Fountain, Albuquerque Museum, 2000 Mountain Road NW, Albuquerque, NM 87104

Rainwater fountain

Hahn Arroyo Project (AMAFCA and the City of Albuquerque), Montgomery Park, Albuquerque, NM

Treated stormwater for landscape watering

Sponsors:

Land & Water Summit 2014: Drought as an Opportunity for Change

Bernalillo County is proud to sponsor
the Xeriscape NM Conference,
and to host a Round Table Discussion—

Balance Point:
Finding the Reality between Cost,
Regulation and Ideals
in Green Infrastructure Design.

Bernalillo County

We're more than you think



Sustainable Solutions in Flood Control *When Every Drop Counts*

**Rainwater
Harvesting**

**Permiabile
Pavement**



Infiltration

Sponsors:

PROUD SPONSOR OF THE 2014 LAND & WATER SUMMIT



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Saving water saves electricity.
And saving electricity
saves water.



It's a win-win.

- When we all use less water, we save the electricity it takes to gather, treat and deliver it to our homes and businesses. Using less electricity preserves natural resources, and it is better for the environment.
- When we all use less electricity, we save the water it takes to generate electricity. Take advantage of PNM energy efficiency programs to use less electricity and get rebates, discounts, and other incentives when you do.

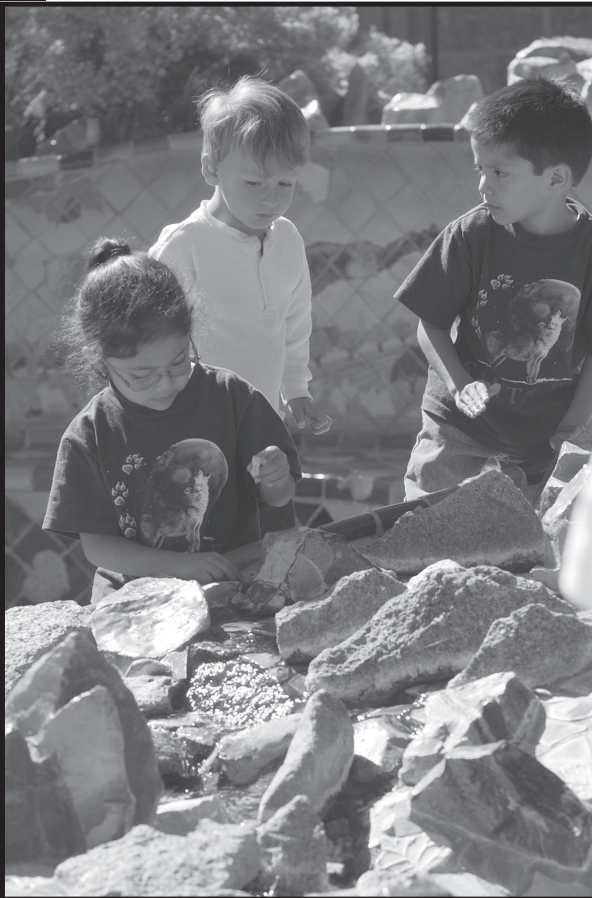
Watch for new energy efficiency programs this spring at PNM.com/rebates.



Talk to us.



Sponsors:



Educational Campaigns That Reach and Teach New Mexicans

FOR MORE THAN 20 YEARS, Cooney, Watson & Associates, Inc. has created broad-based marketing, advertising and public relations campaigns to educate New Mexicans on what they can do to protect the incredible land and water resources that make New Mexico a special place.

From water conservation to source reduction, litter prevention and watershed protection, we know how to develop and implement educational campaigns that work.

We're proud to be a sponsor of the 2014 Land & Water Summit and encourage everyone to preserve our precious resources.



**COONEY, WATSON
AND ASSOCIATES**
PUBLIC RELATIONS
ADVERTISING • MARKETING

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For more information, visit
www.keeptheriogrand.org



Committed to Keeping the Rio Grand!

The Mid Rio Grande Stormwater Quality Team is committed to educating the public, professionals and students on how stormwater runoff affects our watershed and what steps they can take to prevent stormwater pollution.

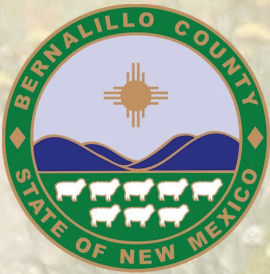
We're proud to be a sponsor of the 2014 Land & Water Summit and encourage everyone to do what they can every day to conserve our water and protect our watershed.

Working together to maximize our resources, share best practices, and fulfill the EPA's MS4 Permit Public Education and Outreach Requirements

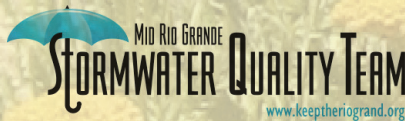


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