

Research, Education, and Funding in Sustainable Agriculture

Sustainable Agriculture in the southwest presents many unique challenges. This conference will provide practical information in sustainable practices for the region. Research and education to further define best practices is encouraged through agencies like western SARE.

This conference is designed to provide practical information in optimizing water use efficiency for agriculture in the southwest.

This conference highlights:

- Balancing Ag & Urban Water Use
- The Acequia System
- Rainwater Harvesting
- Low-Water-Use Crops
- Efficient Orchard Irrigation
- Low-Tech Irrigation Strategies
- Small Scale Hydroelectric Generation
- Renewable Energy Technology for Water Pumping

You can find further information at:

<http://aces.nmsu.edu/programs/sare/sare.html>

www.sare.org

www.westernsare.org

Stephanie Walker at 575-646-4398

swalker@nmsu.edu

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New Mexico State University
Extension Plant Sciences
MSC 3AE, P.O. Box 30003
Las Cruces, NM 88003-8003



Water: The Foundation of Agricultural Sustainability Conference



August 7, 2012
8:00 am ~ 5:00 pm

Santa Fe Fairgrounds
3229 Rodeo Rd.
Santa Fe, NM 87507

**Workshop Hosted by Santa Fe County Extension and the
Western Region Sustainable Agriculture and Education Program (WSARE)**

Registration Form

WSARE Water Conference

Name: _____

Company: _____

Address: _____

City: _____

State: _____ **Zip:** _____

Phone: () _____

E-mail: _____

Free Admission with Advanced Registration

Register On-line:

<http://aces.nmsu.edu/programs/sare/index.html>

or

MAIL Registration Form to:

Water Conference

Extension Plant Sciences Department

Attn: Stephanie Walker

MSC 3AE, P.O. Box 30003

Las Cruces, NM 88003-8003

Questions on Directions/Accommodations:

CONTACT:

Mary Curtis at 575-646-1715

Fax: 575-646-8085

marcurti@nmsu.edu

If you are an individual with a disability who is in need of an auxiliary aid or service to participate, please contact Mary Curtis at 575-646-1715.

7:30 am **Registration and Coffee**

8:00 am **Welcome, Introductions & Opening Remarks** by Jon Boren, Associate Dean/ Director Coop. Extension, NMSU; Don Bustos, Santa Cruz Farm; and Robert A. Anaya, Santa Fe County Commissioner

MORNING MODERATOR: Patrick Torres, Santa Fe County Extension Agent

8:30 am **“Finding a Balance Between Agricultural and Urban Water Uses”**
Brian Hurd, Associate Professor, Dept. of Ag. Econ. and Ag. Business, NMSU

9:15 am **“The History and Role of Acequias in New Mexico”**
Patrick Jaramillo, NM Acequia Association

9:45 am **“Why and How to Catch Rainwater”**
Billy Kniffen, Water Resource Specialist, Texas AgriLife Extension Service

10:00 am **Morning Break**

10:15 am **“Evaluating Alternative Low-Water-Use Crops ”**
Carol Bishop/ Staci Emm, Univ. of Nevada Cooperative Extension

11:15 am **“Efficient Irrigation for Orchards”**
Richard Heerema, Pecan Specialist, Dept. of Extension Plt. Sci., NMSU

12:00 pm **Lunch Break – Catered On-site**

AFTERNOON MODERATOR: Steve Lucero, Sandoval County Extension Agent

1:00 pm **“Bucket Irrigation Project”**
Ed Martin, Associate Professor, Irrigation Specialist, Univ. of Arizona

1:45 pm **“Low-Tech Drip Irrigation Application”**
Dan Smeal, Professor, Irrigation Specialist, Agricultural Science Center at Farmington, NM, NMSU

2:30 pm **Afternoon Break**

2:45 pm **“Prototype Design and Construction for Low Head Hydropower Generation”**
Elephant Butte Irrigation District, Las Cruces, NM

3:45 pm **“An Overview of the Practical Application of Renewable Energy Technologies to the Pumping of Ground Water for Agricultural Purposes in New Mexico”**
Craig Ricketts, Associate Professor, Dept. of Engineering, Techn. and Surv. Engr., NMSU