This presentation premiered at WaterSmart Innovations

watersmartinnovations.com





Texas A&M System

Rainwater Harvesting Education in Texas

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Texas A&M System

• The mission of **Texas AgriLife Extension**Service as part of the A&M University and the Land Grant College System is "to provide quality, relevant outreach and continuing education programs and services to the people of Texas."









Training Programs |
Publications |
Images &
Video | Demonstration
Sites | Suppliers | Links |
Contact

Rainwater Basics
Collection and
Storage
Stormwater
Management
Rangeland
Watersheds
Landscaping
Wildlife
Raingardens
In-Home Use

http://rainwaterharvesting.tamu.edu/















Compact With Texans - Privacy Statement - Legal Notices - Statewide Search - Accessibility Policy (PDF Reader)
Texas A&M Security Report - State Link Policy - Emergency Prep - Report Fraud, Waste and Abuse - Texas Homeland Security



Educational Programming

- Demonstration Sites
- Master Gardener "Rainwater Specialist"
- Master Naturalist "Rain Steward"
- In-Home Rainwater Workshops
- Website and Publications
- Special Programming



Demonstration Sites – Hands-On

























Texas A&M System

Master Gardener "Rainwater Specialist"

- June 2006 September 2008
 - 8 Workshops 265 volunteers
 - 15-20 hours of training
 - 15 hours of volunteer service required in Rainwater Education





\$200 Registration Fee Limited to 30 People

- Master Gardener Rainwater Manual
- Power Point hard copy
- Construct rain barrel
- Build wildlife watering device
- CD of all Power Points
- Meals and refreshments
- Hands-On Installation



- Overall program evaluation results
- (1=poor and 5= excellent).
- Overall Evaluation Average Response 4.9
- Evaluation results of knowledge
 <u>before</u> the program <u>Average Response</u> 2.9
- Evaluation results of knowledge
 <u>after</u> the program <u>Average Response</u> <u>4.6</u>
- Retrospective Pre-Post Test Percent Knowledge Gained-
- Evaluation results of the <u>ability to</u>
 <u>educate others</u> <u>Average Response 4.7</u>



Education Team

- Billy Kniffen TCE Extension Agent Ag/NR
- Dr. Monty Dozier TCE Water Quality Specialist
- Dr. Bruce Lesikar TCE Storm Water Engineer
- Dr. Jim Cathey TCE Wildlife Specialist
- Justin Mechell TCE Engineer, TCE Assistant
- John Smith TCE Soils/Crop Sciences Dept. TCE Assistant
- Molly Griffin TCE Engineering Dept., TCE Assistant
- Bryan Davis TCE Extension Agent Ag/NR
- Mike Mecke TWRI Water Management Specialist
- Local Extension Agents and Master Gardeners



Classroom Training





Demonstrations









Dip Irrigation Using A Rain barrel



Construction and Installation







Hands-On







Why and How







Displays & Supplies

EXTENSION

Harvesting





EXTENSION

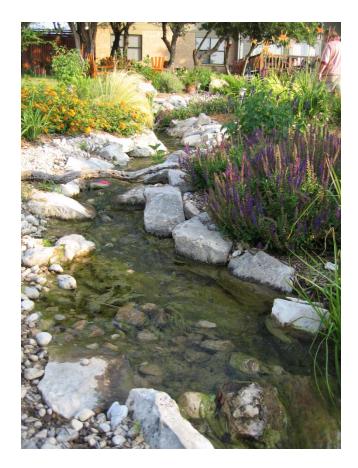




Tour Installations







Rainwater For Greenhouse and Water garden













Stormwater Management



Stormwater Management





Rain Garden Construction









Clear Plastic Tarp - Watershed/Roof









Recognition & Responsibility



Everyone Constructs A Wildlife Waterer For Their Rain Barrel









Menard Class of 2007





Texas Master Naturalists







Master Naturalist 3 Day Advanced Training in "Rainwater Stewardship"





Classroom and Field Work



Paired Watershed Plots





Where Does The Rainfall Go





Youth Education and Wildlife Waterer





Master Naturalist Class of 2006

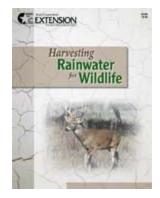




Manuals

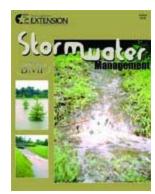


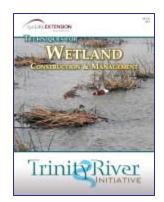
Publications

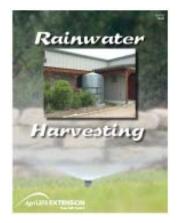


















TRCA-Texas Rainwater Catchment Association State Conference – March 18-20, 2009



ARCSA-American Rainwater Catchment Systems Association National Conference -2009

Professionals Accreditation



Future Programming

- Master Gardener "Rainwater Specialist"
- Master Naturalist "Rain Steward"
- In-home Potable Rainwater Workshop
- Rain Barrel Construction Parties
- County & Mulit-County Programs
- Demonstration Sites
- Texas Rainwater Catchment Association & Conference March 18-20, 2009
- American Rainwater Catchment Systems Association & "Professional Accreditation"





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