Upcoming Trainings
http://watershedplanning.tamu.edu/training/

Nikki Dictson
Texas Water Resources Institute
The Texas Watershed Steward Program

A WATER RESOURCE TRAINING CURRICULUM

Galen Roberts, Mark McFarland, Jennifer Peterson, Ward Ling
Texas A&M AgriLife Extension Service
Texas Stream Team

Travis Tidwell
Meadows Center for Water and the Environment / Texas Stream Team
Texas Well Owner Network

Drew Gholson, Diane Boellstorff, Ryan Gerlich
Texas A&M AgriLife Extension Service
Texas Riparian and Stream Ecosystem Education Program

Nikki Dictson
Texas Water Resources Institute
Education

- Deliver a minimum of 25 riparian education programs to participants in prioritized watersheds, typically watersheds with watershed planning or total maximum daily load efforts due to impaired water quality

- Coordinate 3 Modified Proper Functioning Condition/Stream Visual Assessment trainings to agency personnel and water professionals

- Coordinate 2 statewide riparian conferences
Collaborators

- Texas Water Resources Institute
- Texas State Soil and Water Conservation Board
- Texas Riparian Association
- Texas A&M Forest Service
- Texas Parks and Wildlife Department
- USDA Natural Resources Conservation Service
- Nueces River Authority
- Texas A&M AgriLife Research, Ecosystem Science and Management Department
- Texas Tech University Llano River Field Station
What is a Riparian Area?
Clean Water
Reliable Supply of Water
Abundant Livestock Forage
Fish and Aquatic Habitat
Wildlife Habitat
Natural Beauty/Recreation
Properly Functioning Riparian Area

Adequate vegetation, landform or large woody material to:

- Dissipate stream energy
- Stabilize banks
- Reduce erosion
- Trap sediment
- Build / enlarge floodplain
- Store water
- Floodwater retention
- Groundwater recharge
- Sustain baseflow

Physical Function

Values

- Water quality
- Water quantity
- Forage
- Aquatic habitat
- Wildlife habitat
- Recreational value
- Aesthetic beauty
Water Shed

Water Catchment

Photo provided by Steve Nelle, NRCS
Creeks are also water shedding or water catching creek systems.
Hindrances to Healthy / Functional Riparian Areas:

- Farming too close to the bank
- Mowing, spraying close to the creek
- Manicured landscapes next to the creek
- Chronic grazing concentrations in creek areas
- Excessive deer, exotics, hogs in creek
- Burning in riparian area
- Removal of large dead wood
- Artificial manipulation of banks / sediment
- Excessive vehicle traffic in creek area
- Poorly designed road crossings / bridges
- Excessive recreational foot traffic
- Excessive alluvial pumping or other withdrawals
Upcoming Riparian and Stream Ecosystem Education Trainings

- September 12 – Leon River Watershed in Gatesville
- September 17 – Geronimo & Alligator Creek in Seguin
- October 16 – Upper Llano River Watershed in Junction
Introduction to Watershed Modeling Course

August 13, 2013
TCEQ Bldg. F Room 3202A
Austin, Texas
Fundamentals of Developing a Water Quality Monitoring Plan

October 23–24, 2013
Temple, Texas
Texas Watershed Planning Short Course

November 4–8, 2013
Mayan Ranch, Bandera, Texas
Texas Watershed Coordinator Roundtable

January 2014
Watershed Coordinators

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