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# Watershed Week in Review

Llano River Watershed Alliance

## Texas Water Symposium



**Economic and  
Conservation  
Perspectives on  
Protected Species**

**May 18<sup>th</sup> - Junction**

The second **Texas Water Symposium** of 2016 has been set for May 18<sup>th</sup> at the Llano River Field Station at TTU-Junction. The program will feature a conversation between leading biology experts about endangered species on the Hill County's rivers.

Join Dr. Robert Gulley from the Texas Comptroller's Office, Adam Zerrenner from U.S. Fish and Wildlife and Dr. Tom Arsuffi from the Llano River Field Station as they explore the various aspects of how and why we protect our endangered species.

[details](#)

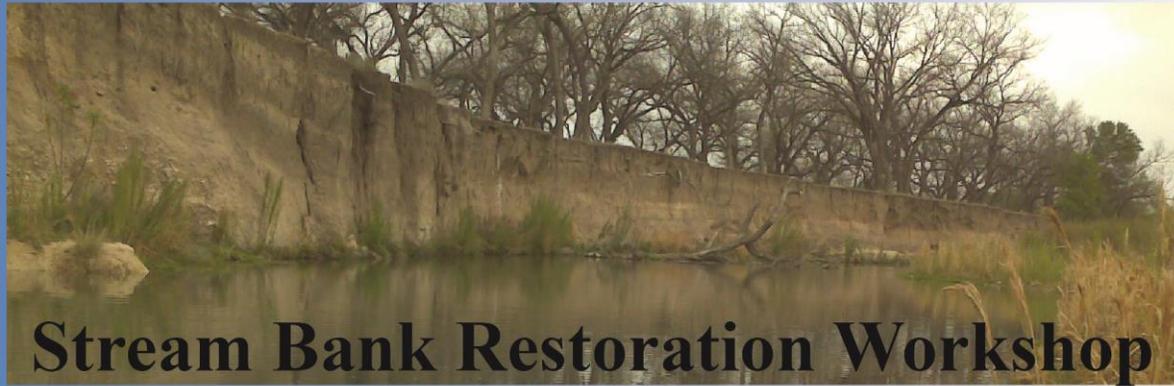
## Stream Bank Restoration Workshop



**Make plans now to attend the  
Stream Bank Restoration  
Workshop at the Llano River  
Field Station on *June 3<sup>rd</sup>*.**

*Noted stream restoration specialist,  
Bruce Cole, will provide hands-on  
training and remedies for landowners  
who are losing land to stream bank  
erosion.*

**Details on page 2**



## Stream Bank Restoration Workshop

**Friday, June 3rd, 2016 8:30am - 5:00pm**  
**Texas Tech University Llano River Field Station**  
**Junction, Texas**

### Funded Through the Upper Llano River Watershed Protection Plan

Please join us for this **FREE** workshop. The morning session will introduce hydrology, river/floodplain function and mechanics, flood morphology, bank erosion, channel erosion/deposition, land use/management, and restoration design principles in the Upper Llano Watershed. Attendees will learn how to identify the cause of instability and its effect of sediment imbalance (degradation/aggradation), water quality, water supply, effects on downstream landowners, and aquatic habitat destruction. Other workshop topics will include bank erosion estimation, bank restoration techniques, and land use best management practices.

The afternoon workshop session will be conducted riverside on the South Llano. Bring your shoes for wading. Activities will include “hands on” identification of near bank stress, bank erosion estimation, and function of river features.

RSVP includes free lunch. Include in the RSVP questions/pictures of your unstable river segment.

**RSVP to [southllanoriver@gmail.com](mailto:southllanoriver@gmail.com) by May 30th**

#### Workshop Presenters

**Tom Arsuffi, PhD**

*Director - Texas Tech University Llano River Field Station*

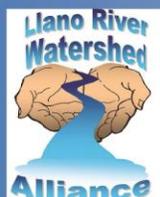
**Tyson Broad**

*Watershed Coordinator - Upper Llano River WPP*

**Bruce Cole, CFM**

*Hydrologist & Stream Restoration Specialist*

*Cole Blaylock & Associates, LLC*



Leave more  
leaves  
to grow more  
roots  
to grow more  
leaves



Upper Llano Soil and Water  
Conservation District #225



This cooperative project has been funded in part by the United States Environmental Protection Agency

## Wildfire Mitigation Opportunity

In an effort to mitigate the potential for the spread of wildfires, NRCS in Texas has developed a focused strategic plan to mitigate wildfire and its spread.



The installation of effective fire breaks is the primary mitigation practice that will be used in this priority project. Firebreaks serve two purposes: 1) to prevent the spread of wildfire and 2) to control prescribed burns.

[More details available here.](#)



## TPWD announces Pollinator Guidelines

[Two newsletters past](#), we mentioned the Texas State Soil and Water Conservation Board's program to encourage restoration of Monarch Butterfly Habitat. Texas Parks and Wildlife has now announced [new guidelines for landowners to develop wildlife management plans](#) that encourage Native Insect Pollinators.

The guidelines address a growing problem: Native insects that are important to pollinating wildflowers and agricultural crops, including some bumble bee species and the monarch butterfly, have experienced dramatic population declines and are in need of conservation action.



## Monarch Larva Monitoring Project at State Park this Sunday

### Family-friendly hike tomorrow

Monarch butterflies are passing through the area laying eggs on milkweed plants. Join the Park Ranger, Sunday, May 15<sup>th</sup> at 9:30am on a 2-mile round trip hike to monitor the park's milkweed patches for eggs and caterpillars.

Meet at the Fawn Trail parking lot (behind headquarters). Bring long pants, close-toed shoes, sun protection, and water. All ages are welcome. [details](#)

## Science in the Sun in Junction

June 13-16 at Llano  
River Field Station



Texas Tech's Outdoor School  
Presents

# 2016

## science in the Sun

Parents of 2<sup>nd</sup>- 5<sup>th</sup> graders are encouraged to register their children for "Science in the Sun", a Hands-on Science Enrichment Camp.

Students learn about watersheds, composting and recycling, and even night predation. A highlight of the event is always the Thursday float trip on the South Llano and evening cookout and stargazing.

[Click here for more information and registration form](#)