Join us in learning how to improve your operation thru increased soil function and management techniques used to accomplish those beneficial functions for greater water, nutrient, and energy efficiency.

The Short Course will provide:
- Leading Soil health research
- Practical approach to implementing soil health principles
- All Speaker Panel
- Field tour with soil pits, pasture and soil assessments, and much more
- Conservation demonstrations
WHY SOIL HEALTH?

Whether you drive a tractor, ride a horse, or a hunting UTV your success depends on the ability of your soil to produce the commodity or experience that you desire. Join us in learning about soil management strategies from farmers and researchers across the country on methods to improve the health of your soil at the Texas soil health short course. This will be an educational experience that will give you new insight about your own operation.

5 Functions of Healthy Soil

1. Regulate Water thru Available water holding capacity, porosity, and infiltration
2. Provide plants and animals a functioning habitat
3. Filter pollutants thru biological and chemical processes
5. Provide stability and strength for greater resilience to adverse weather conditions.

How do you answer these questions for your operation?

- Concerned about rising cost of inputs?
- Degraded soil function: takes more to make less.
- Water quality/quantity concerns.
- Dissatisfied with part of your operation?
- Interested in trying something new?

If “yes” to any of these the Texas Soil Health Short Course with address these concerns by providing greater understanding of the following:

- Water Cycle and movement in Soils
- Nutrient Cycle and timing
- Harvesting Solar Energy to power the soil system
- Partnering with Soil Biology to gain efficiency
- Build resilience in extreme climatic areas

The Texas Soil Health Short Course has been designed to provide leading dynamic soil properties research and technical information in Texas and surrounding areas along with producer’s practical approaches to implementing a system to improve their soil health. TSHSC will also provide conservation demonstrations and hands-on field activities that will help you start implementing soil health the minute you return to your operation.
# TEXAS SOIL HEALTH SHORT COURSE

Feb 26-27th | Palestine, TX

<table>
<thead>
<tr>
<th>Tuesday, February 26</th>
<th>Wednesday, February 27</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-8:30 am Registration</td>
<td>8-12:00 pm Ranch Tour Jimmy Downe Ranch</td>
</tr>
<tr>
<td>8:30-8:45 am Welcome</td>
<td></td>
</tr>
<tr>
<td><strong>8:45-12:00 pm Morning Session</strong> Studying the Natural System</td>
<td></td>
</tr>
<tr>
<td>8:45-10:15 The Liquid Carbon Pathway and Common Mycorrhizal Networks Dr. Christine Jones</td>
<td>12:00-1:00 Lunch</td>
</tr>
<tr>
<td>10:15 - 10:30 Break</td>
<td>1:00 – 3:30 Afternoon Session Implementing Natures Principles</td>
</tr>
<tr>
<td>10:30 – 12:00 Grazing Down the Carbon: Essential Ecosystem Processes Dr. Richard Teague</td>
<td></td>
</tr>
<tr>
<td><strong>12:00–1:00pm Lunch</strong></td>
<td>1:00 - 2:15 The Extraordinary Power of Diversity! Dr. Christine Jones</td>
</tr>
<tr>
<td><strong>1:00- 4:30pm Ranch Tour</strong> Joe Beall Ranch</td>
<td>2:15 - 2:45 Break with Rainfall Sim</td>
</tr>
<tr>
<td>Experience an Adaptive Multi-pad dock Grazing (AMP) system with discussion and demonstrations including electric fence design and construction, forage monitoring for soil improvement, animal performance and much more.</td>
<td>2:45 – 3:30 Grazing systems and Soil Function Dr. Richard Teague</td>
</tr>
<tr>
<td><strong>3:30 – 4:30 All Speaker Panel</strong></td>
<td>3:30 – 4:30 All Speaker Panel - Moderators - Jason Hohlt/Brandon Bing</td>
</tr>
<tr>
<td>6-9:00 pm Evening Social &amp; Dinner</td>
<td>4:30- 4:45 Survey completion and Drawing for prizes/ Dismiss</td>
</tr>
</tbody>
</table>

Guest Speaker Lousiana Rancher David Daigle

Tour a soil health project designed to capture the benefits and challenges of several grazing and land management strategies to improve soil health. This tour will explain the goal of 7 different management units and how the soil is reacting to each management system.
CONFERENCE REGISTRATION

Texas Soil Health Shortcourse • February 26 & 27, 2019

REGISTER ONLINE AT:
https://texaswildlifeassociation.salsalabs.org/texassoilhealthshortcourse

Mail in Registration Form
Name: _____________________________________________ Spouse: ________________________________
Address: ___________________________________________________________________________________
Phone: _______________________ Fax: ________________________ Email: ___________________________
Organization you are representing: __________________________________________________________

REGISTRATION: BY FEBRUARY 1.

No. of attendees____________       @ $50  =  Total______________
Includes admission to all conference sessions, field tours, refreshment breaks, social and dinner, two lunches, and one
copy of the conference packet.

Payment: Please make checks and money orders payable in U.S. dollars to: TWA
CHECK #:_______________________ Name on Check: __________________________________________________
NAME ON CREDIT CARD:    ___________________________________________________________________________
Credit card type:  Visa Mastercard Am Express Discover
CARD #:   _______________________________________________  EXPIRATION DATE:     ________________________
SIGNATURE:  _______________________________________________________________________________________

Send paid pre-registrations to:
Mail: Mail this form with check or credit card info to:
Texas Wildlife Association; C/O Iliana Pena, 3660 Thousand Oaks #126, San Antonio, TX 78247
Call:    210-826-2904 (credit card registrations can be taken by phone)

Cancellation policy: No cancellations or refunds will be given after Feb. 1. All cancellations subject to a $25 processing fee.

Sponsorships Available
The following sponsorships are available to your non-profit organization, foundation or agency:

Level 1- up to $99
For this level the sponsor will be recognized on the program and during the meeting as a sponsor.

Level 2- $100 +
For this level of sponsorship the sponsor will be recognized as above, plus given one free registration to attend the short
course for every 100 dollars in sponsorship.

Contact Iliana Pena at 210-826-2904

SPONSORSHIP DEADLINE: JANUARY 1

Hotel Information
The Host hotel is the Hampton Inn & Suites Palestine
2700 South Loop 256, Palestine, Texas, 75801, 903-723-0016

A Block of Rooms and Special rates available for “Soil Health Short Course” at Hampton Inn

Other Accommodations:
Comfort Suites  La Quinta Inn and Suites
301 Willow Creek Pkwy 3000 South Loop 256
Palestine, TX 75801 Palestine, TX 75801
855-516-1090 903-723-1387

Holiday Inn Express
1030 East Palestine Ave
Palestine, TX 75801
903-723-4884