



# Improve Soil Health & Reduce Streambank Erosion

## Ensuring future agricultural productivity through land management practices that provide multiple benefits

Learn about practical cost-effective ways to:

- ✓ Improve soil health
- ✓ Reduce runoff
- ✓ Control erosion
- ✓ Increase future profitability
- ✓ Better manage streambank erosion problems
- ✓ Enhance wildlife habitats
- ✓ Manage forest and rangeland resources

### Date:

January 15, 2019  
(Inclement weather date  
January 17)

### Time:

8:15 am – 3:00 pm  
(Lunch provided for  
registrations received by  
January 10th)

### Location:

Nemaha County  
Community Building  
[1500 Community Drive,  
Seneca, KS, 66538](https://www.kansas.gov/locations/nemaha-county-community-building)

### Registration:

<https://wraps.eventbrite.com>

### Featured Speaker: Gail Fuller - Soil Health, Cover Crops, Livestock Management, Holistic Farming



**Gail Fuller** has been experimenting with no-till farming since the mid-1980's and has been 100% no-till since 1995 on his farm near Emporia, KS. Over the years, regenerating soil health has become his focus using nature's principles, such as biodiversity, to grow healthy soils and healthy food. He uses annual cover crops, perennial cover crops, and companion crops. His livestock operation is similarly diverse with cattle, sheep, pigs, and chickens grazing the covers in an intensive rotational or "mob" grazing fashion.

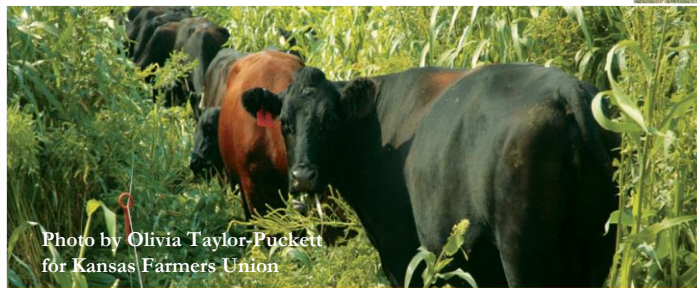


Photo by Olivia Taylor-Puckett for Kansas Farmers Union



### Featured Speaker: Philip Balch - Reducing Streambank Erosion, Stabilization Techniques, Riparian Buffers



**Philip Balch** is a Stream Specialist and principal of Wildhorse Riverworks, Inc. in Topeka, KS. For over 30 years, Phil has been working on projects to reduce streambank erosion and restore degraded stream conditions through the

application of hydrologic and ecologically based principles. During his career, he has worked on numerous projects involving small streams as well as major river systems in Kansas and around the country.



## Agenda:

**8:15** – Registration & Information Displays

**9:00** - Welcome

**9:05** – Keynote Address: [Gail Fuller](#)

**10:15** - Break & Information Displays

**10:30** - Concurrent Sessions

A. *Forestry* or

B. *Streambank Stabilization*: [Phil Balch](#)

**11:30** - Lunch Speaker, *Protecting our*

*Large Reservoirs*: [Matt Unruh](#)

**12:30** - Concurrent Sessions

A. *Cropland Soil Health*: [Gail Fuller](#) or

B. *Streambank Stabilization*: [Phil Balch](#)

**1:30** - Break & Information Displays

**1:45** - Concurrent Sessions

A. *Livestock Management* or

B. *Wildlife Habitat*

**2:45** - Closing

## Other Speakers:

- ◇ **Charlie Barden** - State Extension Forester, *K-State Research and Extension*
- ◇ **Will Boyer** - Watershed Specialist, *K-State Research and Extension*
- ◇ **Andy Klein & Jarran Tindle** - Water Quality Foresters, *Kansas Forest Service*
- ◇ **Megan Smith & Tyler Warner** - Biologists, *Kansas Department of Wildlife, Parks, & Tourism*
- ◇ **Doug Spencer** - Rangeland Management Specialist, *National Resources Conservation Service*
- ◇ **Matt Unruh** - Chief of Planning, *Kansas Water Office*
- ◇ **Area Producers**

## Registration Details

There is **no charge** for the workshop, but advance registration is required. **Lunch will be provided for registrations received by January 10, 2019.**

Register at: <https://wraps.eventbrite.com>

**Questions?** Contact Kerry Wedel, 785-284-3422, [kwedel@delawarewraps.com](mailto:kwedel@delawarewraps.com)

*Sponsored by the Delaware River & Tuttle Creek WRAPS and the Glacial Hills RC&D in partnership with the Kansas Forest Service; Kansas Dept. of Wildlife, Parks & Tourism; K-State Research & Extension; Kansas Dept. of Agriculture, Division of Conservation; and the Nemaha County Conservation District.*

## Supporting Organizations:



This event is funded in part through Section 319 of the Clean Water Act