

# March 25th, 2019

## ."Regenerative Agriculture and Carbon Farming in Colorado,"

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SLIDES posted 4/8/2019; updated corrected copy 4/13/2019

- corrected Pptx: [SYSTEMS APPROACH -compressed](#)
- corrected PDF: [SYSTEMS APPROACH - compressed](#)

**WHEN:** Monday, March 25th, 1:30 – 3:00pm

**WHERE:** Library Portico, Iliff School of Theology (2323 E. Iliff Ave.)

**SPONSORED BY** Ethics and Ecological Economics (EEE) Forum at Iliff

*To what extent are current patterns of U.S. agricultural production contributing to global climate change? To what extent are changes being made in the U.S. – and in Colorado – to develop more sustainable and resilient agricultural systems?*

According to a recent USDA report, agriculture and forestry contributed about 10% of total U.S. greenhouse gas (GHG) emissions in 2016. “Crop and pasture soil management generates the most GHG emissions, due largely to the use of nitrogen-based fertilizers and other nutrients. Enteric fermentation (digestion in ruminant livestock) and manure management ranks second.” (See <https://www.ers.usda.gov/topics/natural-resources-environment/climate-change/agriculture-and-climate-change/>)

Interest and action are growing nationally and in Colorado to develop systems of agricultural production that reduce dependence upon fossil fuels (including natural gas-derived nitrogen-based fertilizers). A working definition of “regenerative organic agriculture” is provided by the Robert Rodale:

“Soil health affects everything from plant health to human well-being and the future of our planet. Regenerative prioritizes soil health while simultaneously encompassing high standards for animal welfare and worker fairness. The idea is to create farm systems that work in harmony with nature to improve quality of life for every creature involved.” (<https://rodaleinstitute.org/why-organic/organic-basics/regenerative-organic-agriculture/>)

In a nutshell, regenerative is *more than* sustainable. Robert Rodale explains the difference in a 3-minute video on the above website.