

# Natural Resources, Environment and Energy

Serving Jo Daviess, Stephenson, & Winnebago Counties



**Stanley "Jay" Solomon, PE**  
Natural Resources, Environment  
and Energy Educator

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Stanley "Jay" Solomon has over 25 years of experience providing educational programs at local, state and national levels on diverse topics in agriculture, residential and commercial areas. His areas of focus involve energy conservation, development of alternative energy sources and enhancement/protection of natural resources.

Agricultural topics Solomon focuses on include forest and invasive plant species management, livestock grazing systems, livestock facilities, tree buffers, manure management, animal mortality management, on-farm composting, renewable energy applications and farm pond construction.

Environmental topics Solomon is involved in consists of solar applications, indoor air quality, energy efficiency, geothermal energy in the building environments, water quality/Nutrient Loss Reduction Strategy (NLRS) implementation, rainfall management and emerging climate issues.

## Upcoming Events

### Spring Break Gardening Series: Rain Water Management in Your Landscape

April 20 Elizabeth, IL

April 26 Freeport, IL

### Geothermal Energy: The Heating and Cooling Renewable Option

May 12 online

## Resources of Interest

- University of Illinois Extension Forestry  
<https://extension.illinois.edu/forestry>
- National Integrated Drought Information System  
[drought.gov/dews/midwest](http://drought.gov/dews/midwest)



## Extending a Helping Hand

Solomon's expertise in natural resources, environment and energy topics relating to agriculture can help you **reduce costs, increase the natural assets** of your land and at the same time **protect and preserve natural resources** and **improve profitability**.

Learn new ways to manage your farm with:

- Rotational Grazing: improve forage utilization efficiency while reducing soil erosion losses
- Cover Crops/Conservation Tillage: reduce nutrient loss while saving money on fertilizer and field work
- Manure Management: fully utilize nutrients, minimizing loss potential as well as reducing odor issues
- NLRS/Edge of Field practices: limit runoff and improve water quality, while storing more carbon in the soil
- Managing Climate Extremes: including temperature, drought, and excess rain to help build resilience.

## Popular Programming Topics:

- Forest Management/Invasive Plant Species Management
- Livestock Grazing
- Rainscaping
- Climate Issues
- Geothermal Energy
- Radon Testing

Visit [go.illinois.edu/jsw](http://go.illinois.edu/jsw)  
for programming information.



**Illinois Extension**

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

COLLEGE OF AGRICULTURAL, CONSUMER & ENVIRONMENTAL SCIENCES

University of Illinois, U.S. Department of Agriculture, Local Extension Councils Cooperating. University of Illinois Extension provides equal opportunities in programs and employment.

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