Farm-Scale Permaculture Design Workshop

9am – 4pm
June 18th 2014
Madren Conference Center
Clemson University – Clemson, SC

Permaculture design is a system of assembling components of your landscape into patterns which function efficiently to support life. Join accomplished permaculturalist, Shawn Jadrnicek, for this full day training focusing on how to use permaculture design principles for farms and homesteads to conserve energy and resources while maximizing productivity. You will learn how to determine optimal site location for farm production and infrastructure elements, and how to develop a farm plan based on realistic goals and available resources. The beneficial assembly of farm components in their proper relationships will be explained thoroughly through class discussion and specific working examples at the Student Organic Farm.

Shawn Jadrnicek is manager of the Clemson University Student Organic Farm. Shawn is an expert in organic farming and in the use of permaculture design principles on the farm to maximize productivity and energy efficiency. Shawn is currently working on a book describing his novel "Bio-Integrated Season Extension" system that reduces the amount of fossil fuel-based energy needed for heating compared to conventional systems.

REGISTER:
The cost to participate is $12 for extension agents and personnel and $35 for non-extension participants. Registration includes locally sourced lunch prepared by Friends Farm and Catering. To register, please visit: https://secure.touchnet.net/C20569_ustores/web/product_detail.jsp?PRODUCTID=578

AGENDA:

8:30 – 9:00	Arrive and Check-in (coffee and refreshments available)
9:00 – 10:15	Assessing Farm Elements and Creating a Base Map (Soils, Slope, Drainage, Existing landforms)
10:15 – 11:00	Optimal Design: Access ways, earthworks, buildings, water supply, field crops and animal layout
11:00 – 11:30	Wrap up morning presentations and reconvene at the Student Organic Farm
11:30 – 12:15	Azimuth and Elevation exercise – How to measure sun azimuth and elevation for optimal sun exposure
12:15 – 1:15	Lunch
1:15 – 3:15	Base Map Exercises & Water level, Transit Level and A frame level exercises – Tools for Harvesting, storing and using water
3:15 – 4:00	Personal Goals and Farm Needs Assessment (Goals: demonstration, supplemental income etc./Needs: buildings, cooler, greenhouse, post-harvest processing, storage shed, outdoor kitchen, animals etc.)
4:00 – 4:30	Design Techniques: Characteristics of Components, Direct Observation, deduction from Nature, Options and Decisions, Flow Diagrams, Zone and Sector Analysis
4:30 PM	Adjourn

QUESTIONS:
Please contact Kelly Gilkerson – kgilker@clemson.edu