

# Farm-Scale Permaculture Design Workshop

9am – 4pm

June 18<sup>th</sup> 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 permaculture expert 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.

## **AGENDA**

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| 9:00 – 10:30  | Site selection and utilization: Assessing land elements (soils, slope, drainage)  |
| 10:30 – 11:15 | How to measure slope for optimal drainage<br>(water level and A frame level exercises)  |
| 11:15 – 12:00 | How to measure sun azimuth and elevation for optimal sun exposure   |
| 12:00 1:00    | Lunch   |
| 1:00 – 2:00   | Getting started: How to consider individual goals and objectives in development of the farm design plan.  |
| 2:00 – 3:00   | Assessing your work skills and finances in farm planning  |
| 3:00 4:00     | Considering infrastructure needs and location: i.e., house, greenhouse, orchard, woodlot, cropland, chickens, fencing, hedgerow, trellis, pasture, pond, post-harvest processing and storage, tool and equipment storage, farm sales and distribution |
| 4:00 PM       | Adjourn   |