Collective Solutions

Workshop Syllabus

Compost Toilets: Design & Construction

Number of Participants: 10-20 people

Skill Level: Beginner / Intermediate

Total Workshop Classroom Length: 2-3 Days

Classroom: 1 Day

Project Installation: 2-3 Days

Required Materials (subject to vary):
Concrete blocks, rebar, cement/concrete, sand, water, hay, plywood, 2x4's, black 4 in plastic piping, corrugated steel(roof and walls), saw dust, 4 paint buckets, metal for door out the bottom (4x4 feet), latching device to close door, door for toilet area

Participants: Note pad, pen, general construction tools (if they own them)

Host Organization: Classroom, lunch, and above materials to be determined between CS and Host Organization

Average Cost of Project: $1,300 - $2,800* (*All prices are in US Dollars)

Host: Minimum 30% of cost to be paid for by host organization

Participant Cost: Free

Objective: To construct a toilet that does not require water and produces compost and is easy to use/ maintain.

Workshop Description:
Improper waste management is one of the leading causes of disease and water pollution in many developing countries. Compost toilets offer a solution to this problem, in that they are a simple low-cost way to manage human waste and, additionally, they produce valuable compost that can be used in orchards and gardens. Another benefit is that they do not require water to function. This workshop will examine several of the most common types of compost toilets and their pros and cons. There will be a classroom overview on the application of various designs and the safety procedures related to managing human waste (often referred to as "humanure"). Based upon the needs of the host organization site, the workshop will include the design and construction of 1-2 compost toilets.