

Collective Solutions

Workshop Syllabus

Water Catchment: Design & Construction

Number of Participants: 10-20 people

Skill Level: Beginner

Total Workshop Length: 2-3 Days

Classroom: 1 Day

Project Installation: 1-2 Days

Required Materials (subject to vary):

Rain gutter, fastening hardware, 3-4" piping, wood, nails, screen or mesh, water tank

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: Depending on the number of tanks required, average cost would be: \$1,000 - \$4,000* (*All prices are in US Dollars)

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

Participant Cost: Free

Objective: To examine basic systems for rainwater catchment and to install a functional catchment structure at the host site.

Workshop Description:

Water is one of the most important resources needed for survival. Consequently, managing water and its many applications is a key part of any successful community. Catchment systems are used in many different countries in order to collect and utilize rainwater. Our trainings emphasize the ease of using rainwater in place of water that requires long distance carrying. These systems are not applicable in all situations, as rain is not abundant in every climate. This workshop will examine several basic options for rainwater harvesting and will include the construction of an appropriate system for our host site.