

# Mobile Water Education

Golden West College

May 2009

# Project Principle

- Using mobile education as a communicative strategy to reach a target population in urban and/or rural environments anywhere in the world

# Objectives

- To *build a portable educational unit* to demonstrate the use and implementation of Best Management Practices (BMPs) applied to the *topics of capturing rainwater and storm water infiltration, incorporating sustainable construction materials and renewable energy (RE) technology*
- To develop an *outreach campaign* to educate students and community members about water quality and conservation issues in the *Orange County* area

# Objectives (cont)

- To *increase* understanding and *awareness of water use and water sanitation problems locally and in the developing world*
- To demonstrate the *benefits* of using *sustainable construction materials, and RE technology*
- To demonstrate the *connection* between *water and energy*

# Uniqueness

- Mobile
- Bamboo construction
- Integration of Water and RE Technology
- Replicable to fit resources and needs of target community

# Timeline

- Grant awarded (August 08)
- Design (Sep 08-April 09)
- Funds received (April 09)
- Purchase materials and equipment (May 09-August 09)
- Construction (June 09-September 09)
- Implementation of educational outreach(October 09)

# Credit Due

- Environmental Studies program GWC
- Sustainability Club GWC
- OC Sanitation District
- Coastkeeper Orange County
- Bamboo Creasian
- Water for People
- Tierra Institute International