GWN Community: Abu Dis

Name of project: Rainwater Harvesting System, Abu Dis Boys High School

Environmental & Educational Benefits:
- Rainwater harvesting removes the need for the energy and chemicals used to produce pure drinking water - unnecessary if all we’re going to do is water the plants with it or flush it down the toilet
- Learning about ecological building practices help youth understand how to cater to the everyday needs of communities while minimizing negative environmental impacts and creating and sustaining mutually beneficial relationships with all elements of the local ecology

Date of Construction: 2012

Team: Abu Dis Youth Water Trustees, FoEME Community Coordinator. Assistance from an independent contractor.

Materials: construction materials, cement, metal.

Description:
- The construction included digging a 4 meter deep hole and creating cement walls and a roof to cover the cistern, as well as laying pipes underground to connect the cistern to rainwater collected from the roof
- The stored water will be pumped, as needed, to the water tanks of the school.
- This water will be primarily reused for the bathrooms and garden and when fresh water is unavailable, the water will be additionally used for drinking.

Pictures: