

Plant Aloha Class– March 30, 2017
Hawaiian Sanctuary

Water – The Permaculture Way

Permaculture Principles Discussed:

1. Observe: Use protracted and thoughtful observation rather than prolonged and thoughtless action. Observe the site and its elements in all seasons. Design for specific sites, clients, and climates. Observe patterns in nature. Work from patterns to details

2. Connect: It is the number of connections among elements—more so than the number of elements—that creates a healthy, diverse ecosystem. Numerous connections (i.e. diversity) increase stability.

3. Each Element Performs Multiple Functions: Find multiple uses for each element in your system. Stack elements in both space and time.

4. Each Function is Supported by Multiple Elements: Use multiple methods to achieve important functions and to create synergies. Redundancy protects when one or more elements fail.

5. Catch and Store Energy and Materials: The work of the permaculture designer is to maximize useful energy storage in any system, be it the house, job, or landscape.

6. Use Biological and Renewable Resources: Renewable resources (usually plants and animals) reproduce and build up over time, store energy, assist yield, and interact with other elements.

7. Recycle energy: Satisfy existing needs with energy from the system, and reuse this energy as many times as possible. Every cycle is an opportunity for yield.

Internet Resources on Water Catchment:

<https://www.ctahr.hawaii.edu/hawaiirain/guidelines.html>

<http://www.harvesth2o.com/faq.shtml#faq9>

<http://islandcatchment.com/faq2.html>

Test Kits:

<https://www.ctahr.hawaii.edu/hawaiirain/test.html>

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