Desert Water Harvesting Initiative

Small Town Water Forum
June 26, 2014

- DWHI Goal: to enhance outreach and communication between utilities, practitioners of water harvesting, academics, and interested citizens.

- BOR Desert LCC Grant to develop Resources

- Products Include:
  - Experts Directory
  - Compiled Publications
  - Assessment Toolbox
The Water Harvesting Assessment Toolbox

- Decision support tool to explore water harvesting techniques and select locally appropriate tools
- Toolbox provides a facilitation process
- Participating personnel should include...water providers, flood control agencies, planning departments, stormwater management departments, conservation departments, utilities, transportation departments, elected officials, developers, homeowner’s associations, various water use sectors, environmental groups and/or others.

- Toolbox contains 5 tools

[Image of Toolbox content]

[Table and chart images]

[Image of Toolbox website link: https://wrrc.arizona.edu/DWHI/toolbox]
Tool 3

- **TOOL 3: Catchment-to-Canopy-Area Ratio Spreadsheet**: This Excel spreadsheet assists users in determining the optimum ratio of water harvesting catchment area to plant-canopy area to meet plant water needs in their location for a portion of each year.

**Step 5. Estimate** preferred catchment-to-canopy-area ratio
Tool 4

- **TOOL 4: Water Harvesting Resource Website**: The Toolbox website contains links to numerous resources and in-depth information about the water harvesting topics introduced in the Presentation, as well as links to download all of the Tools in the Toolbox.

**Step 6. Learn and follow** important design guidelines

**Step 7. Manage** water harvesting using key implantation steps

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Tool 5

- **TOOL 5: Decision-Maker Presentation Template**: This customizable PowerPoint presentation allows users to insert their own site-specific water harvesting assessment results, graphs, photographs, and recommendations to provide a concise and effective PowerPoint presentation for decision-makers and the public.

**Step 8. Communicate** water harvesting recs
What you need to get started

- A facilitator who can gather materials, information, tools and people
- A meeting space with internet and projection capabilities
- 2 hours for a meeting that utilizes Toolbox tools

https://wrrc.arizona.edu/DWHI/toolbox