

**The Decision Center for a Desert City (DCDC) at Arizona State University
and
Arizona Project WET – Water Resources Research Center - University of Arizona**

**Present an Advanced Water Education Workshop:
Riparian Systems, Created Wetlands and Ecosystem Management
July 18 and 19, 2012**

Arizona State University, Decision Center for a Desert City
Brickyard Orchid House, 21 E. 6th Street, Suite 126-B, Tempe 85281

Day One, July 18th:

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| 9:00 - 9:45 | Introductions |
| 9:45 - 10:30 | <i>Applying Climate Change Scenarios to a Model of the Beaver Creek Watershed</i>
(Gretchen Hawkins, Graduate Student, ASU School of Sustainable Engineering and the Built Environment) |
| 10:30 - 11:00 | Reflection and Break |
| 11:00 - 11:45 | <i>Studying the Ecology of the Tres Rios Wetlands</i> (Chris Sanchez, CAP LTER REU student) |
| 11:45 - 12:00 | Reflection |
| 12:00 - 12:45 | Lunch |
| 12:45 - 1:30 | <i>Creating and Managing the Tres Rios Wetlands</i> (Robert Upham, Engineer, City of Phoenix) |
| 1:30 - 1:45 | Reflection |
| 1:45 - 2:45 | <i>Groundwater Flow Model Presentation</i> |
| 2:45 - 3:00 | Break |
| 3:00 – 3:45 | <i>Part 1 of San Pedro Connection (from: Arizona Conserve Water Educators' Guide)</i> |
| 3:45 – 4:00 | Wrap up |

Day Two, July 19th:

- 9:00 – 9:30 Recap & Icebreaker
- 9:45 – 10:30 ***Structure and Function of Ephemeral Urban Waterways in a Semi-arid Region*** (Erika Liliانا Gallo, UA Postdoctoral Researcher, Dept. of Hydrology & Water Resources)
- 10:30 – 11:00 Reflection and Break
- 11:00 – 11:45 ***River Restoration in the 21st Century*** (Daniel Bunting, Recent UA Graduate and Consultant to World Wildlife Fund)
- 11:45 – 12:00 Reflection
- 12:00 – 12:45 Lunch
- 12:45 – 1:30 ***River and People: Maintaining Nature's Benefits Environmental Flow Science, Opportunities and Barriers*** (Jeanmarie Haney, Scientist, The Nature Conservancy)
- 1:30 – 1:45 Reflection
- 1:45 – 2:45 ***Part 2 of San Pedro Connection (from: Arizona Conserve Water Educators' Guide)***
- 2:45 – 3:00 Break
- 3:00 – 3:45 Concept Summary, Compilation & Moving Content into the Classroom
- 3:45 – 4:00 Final Evaluation