

**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:  
Extreme Weather Events  
July 7 & 8, 2015**

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

**Day One, July 7<sup>th</sup>:**

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|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9:00 - 9:45   | Introductions                                                                                                                                                                                                              |
| 9:45 - 10:30  | <b><i>Let's Talk About the Monsoon with a Meteorologist</i></b> , Paul Iniguez, Science & Operations Officer, NOAA/NWS Phoenix                                                                                             |
| 10:30 - 11:00 | Reflection and Break                                                                                                                                                                                                       |
| 11:00 - 11:45 | <b><i>Southwest Climate Change Projections – Increasing Extreme Weather Events?</i></b> , Jeremy Weiss, Climate and Geospatial Extension Scientist, School of Natural Resources and the Environment, University of Arizona |
| 11:45 - 12:00 | Reflection                                                                                                                                                                                                                 |
| 12:00 - 12:45 | Lunch                                                                                                                                                                                                                      |
| 12:45 - 1:30  | <b><i>Activity: Rainfall Impacts on an Urban Stream</i></b> (Jessica Guo, graduate student, ASU School of Life Sciences)                                                                                                   |
| 1:30 - 1:45   | Reflection                                                                                                                                                                                                                 |
| 1:45 - 2:30   | <b><i>Post Wildfire Debris Flows</i></b> , Mike Conway, Chief of the Geologic Extension Service of the Arizona Geological Survey                                                                                           |
| 2:30 - 3:00   | Break                                                                                                                                                                                                                      |
| 3:00 – 3:45   | <b><i>The Thunderstorm (PWET p. 209): Precipitation Measurement across the Phoenix Valley</i></b>                                                                                                                          |
| 3:45 – 4:00   | Wrap up                                                                                                                                                                                                                    |

**Day Two, July 8<sup>th</sup>:**

9:00 – 9:30	Recap & Icebreaker
9:45 – 10:30	<b><i>Cultivating Green Infrastructure – Growing a Resilient Phoenix</i></b> (Joél Carrasco, Village Planner, Planning and Development Department, City of Phoenix)
10:30 – 11:00	Reflection and Break
11:00 – 11:45	<b><i>Heat in Cities: What It Means for Human Health</i></b> (David Hondula, ASU Center for Policy Informatics, College of Public Service & Community Solutions))
11:45 – 12:00	Reflection
12:00 – 12:45	Lunch
12:45 – 1:30	<b><i>Dust and Valley Fever</i></b> , (Joe Tabor, Community, Environment & Policy, School of Natural Resources and the Environment, University of Arizona)
1:30 – 1:45	Reflection
1:45– 2:45	<b><i>Heat Island Lesson – Heat Illness</i></b>
2:45 – 3:00	Break
3:00 – 3:45	Concept Summary, Compilation & Moving Content into the Classroom
3:45 – 4:00	Final Evaluation