SUSTAINABILITY, COLLABORATION AND UNCERTAINTY: A SCENARIO BASED EVALUATION OF WATER **ISSUES FOR DESERT CITIES USING COMPUTER SIMULATION**

	C:\Windows\system32\cmd.exe	X
How susta uncertainty a	ainability, collaboration and are evaluated using a computer simulation model?	
The Decision ((DCDC) support water, and dec develop a inter based applicat flexible in ter development to stakeholders a work into hand a sustainable	Center for a Desert City is and conducts climate, cision research. We also eractive multi-user scenario tion which is more mobile and erms of usability and bridge the boundary between and policy makers to put our ds of those whose concern for future of Phoenix.	
Our computer i focuses on bui and multi-user collaborative water issues.	Interactive application Iding a real-time scenario interaction to make decision on policies for	
Version 1.0 of application mo	E our Decision Game 2012 odel includes:	
1)Web Applicat "Empathy" Sc	tion interface focusing on the enario	0
<pre>2)A platform i interactive 3)Flexibility, platforms</pre>	Independent multi-user scenario - Social Goods game mobility & access to all	V
C.N.	C:\Windows\system32\cmd.exe	X
COMPUTER SIN ACHIEVE REAL FOR EFFECTIV > Decision Gam model is cod Technologies database ind	AULATION MODEL APPROACH 7 L-TIME SCENARIO EXPERIENC E DECISION MAKING a 2012 version 1.0 simulation and latest Microsoft for customization and lependency.	CE

- web platform and made adaptable to all media device.
- User friendliness achieved by more aesthetic and dynamic User Interface for real-time scenario experience.
- Multi-user interaction in real-time for better communication
- Narrative story line for each rounds helps user to experience real gaming scenario. > Flexibility in module integration.

Policy makers, Stakeholders, Decision makers

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	Phoenix	Тетре	Scottsdale	Surprise
Brief Information	Capital and largest city in Arizona, USA. Founded in 1869.	Inner suburb in Phoenix Metropolitan Area, Arizona Founded in 1894	Downtown Scottsdale – Desert version of Miami's beach (NYT) Founded in 1951	Second fastest growing municipality in Phoenix Metropolitan Area. Founded in 1938.
Population	App.1,445,683	App. 161,719	App. 217,385	App. 115,000
Land Area	516.704 square miles	40.1 square miles	184.0 square miles	69.5 square miles
Water Budget	Being a larger city and capital city with more legal rights has:100 water units	Being a inner suburb in Phoenix Metropolitan Area has:85 water unit	Being a rich neighborhood in Phoenix Metropolitan Area has:95 water units	Being a smaller city with less legal rights has:70 water units





