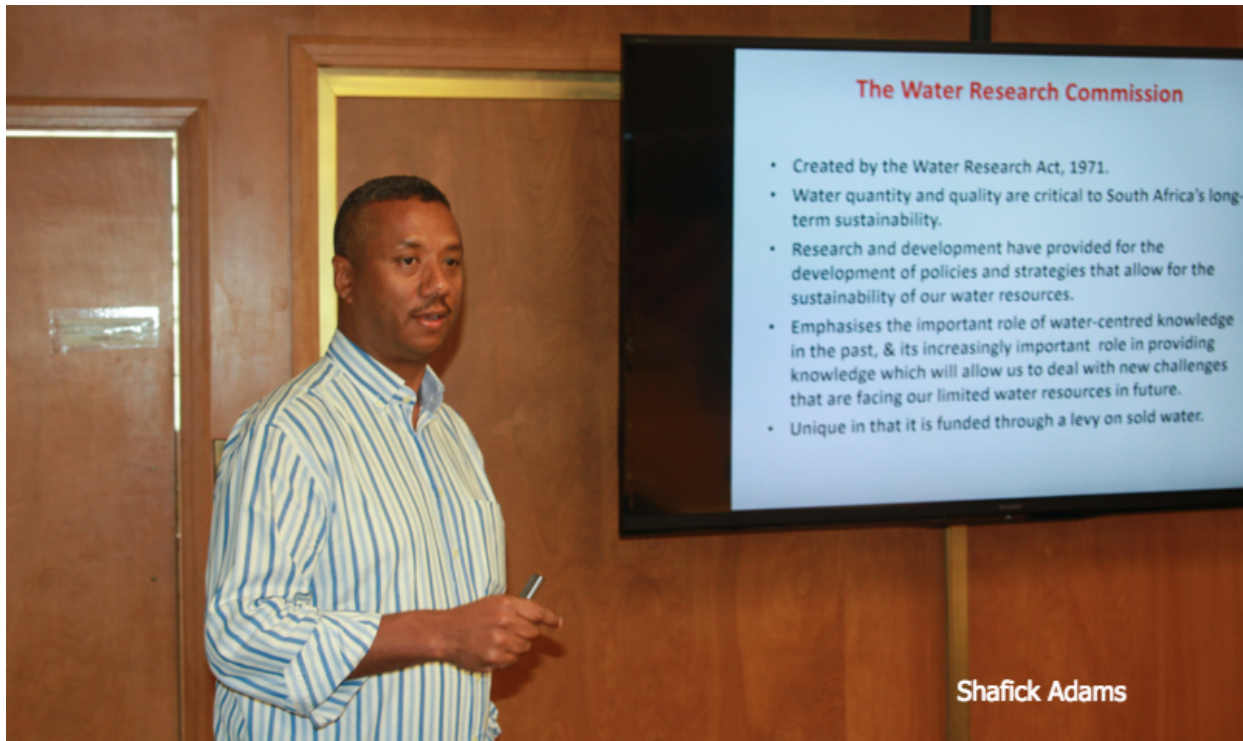




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## Special Brown Bag Seminar on South Africa's Water Management Under Drought

The WRRC welcomed special guests visiting from South Africa on Friday, June 15. Shafick Adams, Executive Manager in charge of Water Resource Management and Ecosystems for the Water Research Commission in Pretoria, South Africa, was joined by colleagues from the Water Research Commission. These included Dr. Stanley Liphadzi, Group Executive R&D, Dr. Valerie Naidoo, Executive Manager, Business Development and Innovations, and Dr. Manjusha Sunil, Program Manager, Water Technologies. Mr. Adams gave a seminar on South Africa's strategies for improving its water security in the face of increasing frequency of drought, like the situation in Cape Town during the past year. Adams discussed various ways in which South Africa is increasing the resilience of its water supplies, including changing uses and user behaviors, exploring new sources of water (including the use of managed aquifer recharge in areas near

Cape Town, desalination, and rainwater harvesting), and improving infrastructure.

[View Presentation](#)

## WRRC EVENTS

### Special Seminar: Food, Water, and Energy in the Arava Valley: Turning Disadvantage to Advantage in the Hyper-arid Climate of the Region

July 18, 2018



David Lehrer and Dorit Davidovich Banet

**Time/Location:** 8:30 a.m. - 10:00 a.m. / WRRC Sol Resnick Conference Room (350 N. Campbell Ave.) **Please note special time.**  
*Light refreshments will be served.*

**Speakers:**

David Lehrer, *Director, Arava Institute for Environmental Studies*  
Dorit Davidovich Banet, *CEO, Eilat-Eilat Renewable Energy Initiative*

The Arava Valley is a sparsely populated region in southern Israel. Its hyper-arid climate produces less than one inch of rain a year and its temperatures reach 115° to 120° F in the summer. For over 60 years, Israelis have successfully grown crops in this extreme climate, making the Arava Valley a major exporter of fruits and vegetables worldwide. Recently, the residents of the Arava Valley have harnessed the region's plentiful solar radiation with a collection of distributed private solar power fields, which provide 100% of the daytime energy needs to the city of Eilat and the villages in the Arava Valley.

[RSVP if Attending in Person](#)  
[Event Flier](#)



If you can't make the seminar on July 18, you can join us [here](#).

## WRRC NEWS

### Tucson Hosts 2018 AMC Summit

On June 14-15 Tucson, Arizona, hosted the 2018 Arizona-Mexico Commission (AMC) Summit held at the JW Marriott Star Pass Resort. For almost 60 years, the AMC has worked to strengthen Arizona's ties to Mexico and build a cross-border community of professionals who work together. Arizona Governor Doug Ducey and Sonora Governor Claudia Pavolovich shared their ambitious visions for both states. University of Arizona President Robert C. Robbins also addressed the Summit attendees in the Plenary session.



Photo Credit: AMC Website

On the second day of the Summit, WRRC Director Sharon B. Megdal attended the Environment and Water Committee Meeting. This meeting was one of sixteen binational committee meetings hosted by the AMC, in partnership with the Comisión Sonora-Arizona (CSA), to develop initiatives that promote trade and binational

information sharing. The Summit celebrated the successes and work that continues developing initiatives to support mutual prosperity.

## Summit Recap

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### **This Monsoon Season We Can Watch Arizona's Rivers Together**

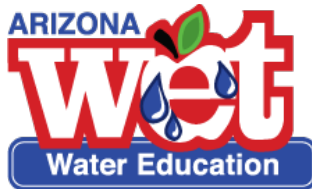
Get ready for the monsoon season by downloading the Arizona Water Watch Mobile App. Through this Smartphone App, you can easily submit photos and data for any stream, wash, river, or lake in the state within a few minutes. Developed by Arizona Department of Environmental Quality (ADEQ), it feeds critical information about flow patterns and water quality in streams and washes to ADEQ scientists, who use it to identify water bodies for future study. After verification, the submitted information is plotted on an interactive GIS map of the entire state. You can submit information even when out of range of cell phone service because data are sent automatically to ADEQ when the phone returns to a service area. Our monsoon rains are often surprisingly swift and unexpected - you may be in the right place at the right time to catch the action!



## Water Watch App

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### **Get WET this Summer**



The sound of mud squishing beneath your feet and the smell of mountain air means one thing to us desert-dwellers: its summer time! Earlier this month, APW participated in Prescott



College's Summer Institute for Nature and Place-based Early Childhood Education. APW coordinator Holly Thomas-Hilburn shared *Getting Little Feet WET*, the newest Project WET guide designed especially for teachers of children ages 3-6. The group of 30 invited teachers from around the United States got their own feet wet while searching for macroinvertebrates in Prescott's Lynx Lake. One teacher who attended the session in 2017 reported that the experience had given her the courage to try macroinvertebrate sampling with her preschoolers, who were so excited to discover bugs that actually live in the water!

### **Water Roots - Water Beats**

As June draws to an end and Southern Arizona holds its breath for rain, Tucson locals filled the taproom of Public Brewhouse on Thursday evening June 28th to hear evocative music and narrative about water in the desert. This unique Water Roots presentation featured the WRRC Associate Director, Claire Zucker, who masterfully bridged her perspectives gained as a watershed planner and a musician, performing in both roles since the early 1990s in Arizona. She and bandmate Dave Firestine wove together a variety of historical and current water topics with songs and traditional tunes played on mandolin, bouzouki, bodhrán, and



concertina. From floods to invasive goats, this dynamic performance demonstrated how arts and culture provide insight into the human relationship with the water and land that we value and manage.

Organized by the WRRRC and Sky Island Alliance, the Water Roots series shows how to connect our water with our values.

## [Water Roots](#)

# ANNOUNCEMENTS

- [Sonoran Institute Seeks Associate Director - Sustainable Landscapes and Communities](#)
- [GWC Summer Water Conference Video and Speaker Presentations - Now Online](#)
- [AHS Annual Symposium Call for Abstracts - Deadline Extended](#)
- [GRA's First Annual Western Groundwater Congress - Draft Agenda Now Available](#)
- [July 9-11 AWRA Summer Conference: The Science, Management, and Governance of Transboundary Groundwater - Preliminary Program](#)
- [July 30 Lake Tahoe Basin, Sciences, & Research Scholarship - Applications Due](#)
- [August 2-3, 2018 Arizona Water Law Conference - Registration Now Open](#)
- [August 16 The New Arizona Prize Water Public Art Challenge - Registration Ends](#)
- [August 24 CAZMEX Consortium for Arizona-Mexico Arid Environments - Call for Proposals](#)
- [September 12 BARD Research Grant Proposals - Applications Due](#)
- [September 26 Innovations at the Nexus of Food, Energy, and Water Systems \(INFEWS\) - NIFA Grant Applications Due](#)
- [December 6 Mine Water Management Symposium Scholarship - Applications Due](#)

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