Contributing to a Translantic Dialogue on Water: Solutions Development and Implementation

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EU-USA SWAN Project

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The University of Arizona Water Resources Research Center (WRRC) promotes understanding of critical state and regional water management and policy issues through applied research, community outreach and public education.

Web site:  wrrc.arizona.edu
WRRC Releases Fall 2014 Arizona Water Resource Newsletter

This issue includes coverage of Arizona's research into algae biofuels; water quality, reuse and management research; a guest column from the Agricultural and Water Council of Arizona; a special feature on how an international hydrological initiative is helping support water forecasting and monitoring in Africa; a WRRC student spotlight feature on Graduate Student...

WRRC Invites Research Grant Proposals

The University of Arizona Water Resources Research Center (WRRC) is now accepting proposals for research grants under the Water Resources Research Act, Section 104(b). Funded by the U.S. Geological Survey (USGS), the Section 104(b) program provides support for research projects on water-related issues of importance to the state and region. This year the WRRC...

Oct. 29 Brown Bag Seminar - Tracking Wetland Conditions of an Effluent-Dependent River: The Lower Santa Cruz Living River Project

Throughout Arizona the release of effluent is maintaining flows of many river reaches. Along the Lower Santa Cruz River in Pima County, two major regional facilities release effluent into the river. These two facilities are undergoing significant upgrades. The release of higher-quality water is a key ingredient in supporting wetland health along the river, but how can...
At the University of Arizona, there is a wealth of internationally recognized expertise across hydrology; water sustainability and conservation; water management, policy, law and governance; water quality; technology development; and other water-related research. Over 300 faculty and staff are involved in aspects of water-related research, education and outreach that spans more than 70 departments/units and 50 different topic areas. Research interests, contact information and links to homepages are provided. This directory is your entry into UA water expertise, searchable by name, category or department.

For a list of expert categories, click here
Colorado River Basin (CRB)

Water Allocations
Upper Basin 9250 MCM
Lower Basin 9250 MCM
Mexico 1,850 MCM

Evaporation
Historical flows per Tree ring analysis
~ 18,500 MCM

=> Structural Deficit
Complex Water Management Issues, Challenges, and Solutions and Implementation

- Growth and the need for additional supplies (competition)
- Drought/climate variability
- Water-energy Nexus
- Water quantity assessments
- Water quality
- Desalination
- Use of recycled water for potable and other water needs
- Access to and utilization of renewable supplies
- Transboundary water issues
- The surface water/groundwater interface
- Riparian areas and other environmental considerations
- Water rights
- Conservation programs
- Water storage and recovery (water banking)
- Groundwater replenishment
- Water cost/pricing
- Water Planning

Uncertainty!
The frog does not drink up the pond in which he lives. – *American Indian (Lakota) Proverb*

Thank you!

Morelos Dam on the Colorado River at the US-Mexico Border October 2014

Arizona Water Policy Class at the Tucson SAV-SARP Project April 2014