Technology and Cooperation

Sharon B. Megdal, Ph.D.
smegdal@email.arizona.edu

Israeli and Palestinian Waterways Conference
UC Berkeley Institute for Jewish Law and Israel Studies.
March 11, 2014
Technology is part of the solution to water scarcity

Abraham Tenne
April 2011  Yuma, Arizona

Water saving and efficient use of water.
Water wells purification and aquifers water quality improvement.
Increasing capacity of waste water treatment and upgrading effluent quality.
Desalination.
Challenges to Cooperation

Colorado River Basin
The International Boundary and Water Commission (ibwc.gov)

MX Commissioner
Roberto Salmon

US Commissioner
Edward Drusina

WRRC, 2010
Cooperative framework adopted by the IBWC in August 2009 has guided development of aquifer reports for the Santa Cruz and San Pedro aquifers.

Development of the cooperative framework took considerable time.

Photo taken 19 August 2009

TAAP Workshop and Binational Advisory Committee meeting
Minute 319: Historic agreement signed in November 2012 to share Colorado River shortage and surplus and address Colorado River Delta ecosystem
Shared Borders
Shared Waters

Israeli-Palestinian and Colorado River Basin Water Challenges

Editors
Sharon B. Megdal
Robert G. Varady
Susanna Eden

Emergency Solution for the Sewage from the Nablus Stream

In 2008, the Alexandria Water Restoration Administration decided to address the problem of sewage discharge into the Nablus Stream. The project, which was completed in 2013, involves the removal of sewage from the river.