

Novel KT Products w/Impact Measures

2nd International Symposium on Transboundary Waters Management

36 countries were represented in abstract submissions, 138 attendees total, 92 papers presented in 22 breakout sessions, plus featured speakers representing:

- International Boundary and Water Commission (US)
- Comision Internacional de Limites y Aguas (CILA) (Mexico)
- International Joint Commission (US and Canada)
- UNESCO
- Technion (Israel) and International Union of Geodesy and Geophysics (IUGG)
- World Bank
- American Society of Civil Engineers
- Centro de Estudios Hidrograficos CEDEX (Spain)
- U.S. Army Corps of Engineers
- U.S. Ntl. Oceanic and Atmospheric Administration

The symposium netted a profit of approximately \$15,000.

Kartchner Kiosk, Display, and Website

Static displays debuted in late September; kiosk operational Nov. 2004; Urchin stats were reliably collected beginning 12/17, and are now collecting: screen touches/day, % of day used; language subtitle usage; which movies watched and for how long; glossary terms examined.

- Kiosk stats for 12/17-12/31 show an average 153 screen touches/day.
- Kiosk subtitle choices (including when no selection made):
 - 52% English
 - 34% none
 - 5% German
 - 5% French
 - 4% Spanish
- Kiosk subtitles uses (when a language was selected):
 - 79% English
 - 7% German
 - 7% Spanish
 - 7% French
- Kartchner DVDs: 1,000 available for sale beginning Feb. 2005 at the Kartchner Caverns Discovery Center

Website statistics also will be collected for 2005; not promoted in 2004.

Media Briefings

May 2004 – Tucson – “Climate Fluctuation and Climate Change: A Summary of Current Research” (following prescreening of “The Day After Tomorrow”)

- SAHRA presenters were Noah Molotch and Gary Woodard
- Covered by Tucson NBC outlet KVOA-TV, CBS outlet KOLD-TV, and *Arizona Daily Star*, Tucson

December 2004 – Phoenix – “Impacts of Warming on Urban Water Supply and Demand”

- SAHRA presenters were Bart Nijssen, Gary Woodard, and Kathy Jacobs
- Coverage by ABC-TV outlet in Phoenix and *Arizona Daily Star*, Tucson

Southwest Hydrology

- Jan/Feb 2004: 4,541 mailed, \$9,002.20 in ad sales
- Jan/Feb 2005: 5,169 mailed, \$11,754.66 in ad sales

(13% increase in subscriptions, 31% increase in ad sales)

Hydroarchive

A software exchange site was developed late in 2003 to allow the creators of hydrologic software to share their work with other researchers, practitioners and students. The site now has 19 software applications or modules in six categories, authored by researchers at the UA and the following institutions:

- Centre for Ecology and Hydrology, UK
- Centre for Resource and Environmental Studies, Australian National University, Canberra, Australia
- Earth and Environmental Sciences, New Mexico Tech, USA
- Institute for Biodiversity and Ecosystem Dynamics, Univ. of Amsterdam, Netherlands
- Mie University, Tsu-city, Japan
- National Weather Service/NOAA, Denver, CO, USA
- PCRaster Environmental Software, Dept. of Physical Geography, Utrecht University, Netherlands
- U.S. Salinity Laboratory - Riverside, USA
- University of California - Riverside, USA
- University of California - Irvine, USA
- Vrije Universiteit, Brussels, Belgium

In 2004, users downloaded Hydroarchive software 399 times from the SAHRA server, and 760 Hydroarchive users clicked through to download programs residing only on remote servers.

SAHRA Website

The SAHRA website was thoroughly revised in late 2004, debuting Jan. 2005 with following features:

- new front page with self-updating content for Global Water NewsWatch and Sabino Canyon;
- a new SAHRA news interface that can be updated by SAHRA administrators and other authorized users; and
- project updates for research, knowledge transfer, and education, now pull information directly from SAHRA's Online Management System

Stats for 2003 and 2004:

Average/mo.	2003	2004	difference	% change
Visitors	19,032	22,750	3,718	19.5%
Page views	87,501	82,733	-4,768	-5.5%

(2004 stats possibly affected by move and new server hardware/software)

AHS Annual Meeting

At the Arizona Hydrological Society's annual Community Water Conference in Tucson in Sept. 2004, SAHRA provided displays on the STC and the Water Sustainability Program, participated in a special session on UA TRIF efforts; chaired a session, "Hydrologic Impacts of Land Cover Changes at the Basin Scale," which featured presentations by several SAHRA researchers, and gave a short course on Isotopes in Hydrology. Betsy Woodhouse was on the planning committee for the conference. Gary Woodard also participated as panelist in a session on Hydrology Career Options with Not-for-Profits. Janie Chermak gave the plenary speech.

WSP Products and Outreach

Developed website; designed and produced brochure; created graphical identity; developed portable display components; began work on kiosk and exhibits.

WaterWeb

Development of five components began in mid-Aug. 2004 and is well along. Components include an expertise directory; degree programs; unique research facilities; organizations and associations; reports, maps and databases; FAQs; and ties to existing databases.