

Region 9 Water Quality Coordination Project



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National Water Program

The screenshot shows a Netscape browser window displaying the National Water Program website. The browser's address bar shows the URL <http://www.usawaterquality.org/default.html>. The website header features the logo for the National Water Program, which includes a stylized green and blue wave icon. The text next to the logo reads "National Water Program" and "A Partnership of USDA CSREES & the Land Grant System". Below the logo is the tagline "Applying knowledge to improve water quality". A navigation menu is located below the header, with links for "About", "Regional Programs", "National Themes", "National Projects", "Watershed Projects", "Success Stories", "Proceedings", "Focus Issues", and "Online Resources".

The main content area is divided into several sections. On the left, there is a map of the United States titled "Regional Water Quality Programs" with a sub-link "(select a region to learn more)". The map is color-coded by region. On the right, there are two main content boxes. The top box is titled "News & Highlights (more...)" and contains several news items, including a link to a new "Impact Report" and information about awards given to graduate students. The bottom box is titled "Upcoming Events (more...)" and lists several events, including a workshop in Auburn, AL, a workshop in Memphis, TN, a conference in San Mateo, CA, and an event in LPELC.

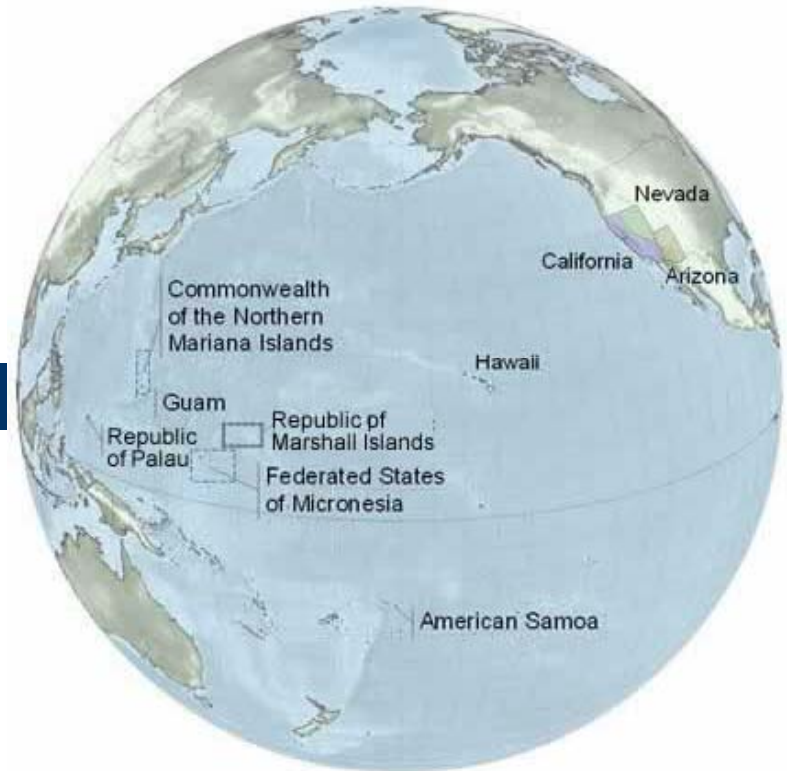
The browser's taskbar at the bottom shows several open applications, including "Eudora - [In]", "ProposalStuff", "Regional Review...", "Microsoft Power...", "National Water ...", "Download Manager", and another "National Water ...". The system tray on the right shows the time as 3:21 PM.

<http://usawaterquality.org>

Region 9

Land Grant Institutions

- Arizona
- California
- Nevada
- Hawai'i
- American Samoa
- Commonwealth of the Northern Mariana Islands
- Federated States of Micronesia
- Guam
- Republic of the Marshall Islands
- Republic of Palau
- Diné College – Tsaile, AZ
- Tohono O'odham – Sells, AZ



Did you know our region ...

- includes small islands with populations of 20,000 – 150,000 and the third largest and most populous state in the country with over 34 million residents?
- includes desert areas receiving less than 2 inches annual precipitation and tropical island areas with over 200 inches?
- spans 8 time zones, the International Date Line, and both sides of the equator?



Region 9 – Southwest States & Pacific Islands

The screenshot shows a Netscape browser window displaying the Region 9 Water Program website. The browser title is "Region 9 Water Program - Netscape". The address bar shows "Region 9 Water Program". The website header features the logo for "Southwest States & Pacific Islands Regional Water Program" with the tagline "Applying knowledge to improve water quality" and "A Partnership of USDA CSREES & Land Grant Colleges and Universities". A large landscape image of a valley is on the right. The main content area is divided into several sections: "Regional Themes" with a sub-header "– Research, Education & Extension –"; "Resources & Publications"; "About Us"; "Contacts"; "National Program" with a right-pointing arrow; and "National Event Calendar" with a right-pointing arrow. The "National Event Calendar" lists two events: "May 18" (Webcast: Value of Manure in Land Application Systems. Online.) and "June 4-5" (11th Annual Water Reuse Research Conference: Advancing the Science of Water Reuse and Desalination through Research. El Paso, TX. (May 4: Early Registration Deadline)). Below this, "June 5" lists "The University of Arizona Water Resources Research Center 2007 Water Conference: The 20th Anniversary of the Environmental Quality Act and ADEQ: Assessing and...". A central image collage shows various water-related activities. At the bottom, a list of links includes "Arizona Cooperative Extension Water Quality", "University of California Center for Water Resources", "Nevada Cooperative Extension Water Quality", and "Hawaii & Pacific Islands Extension Water Quality". The browser's taskbar at the bottom shows several open applications: "Eudora - [In]", "ProposalStaff", "Regional Review [Co...", "Microsoft PowerPoint...", "Region 9 Water Prog...", and "Download Manager". The system clock shows "3:24 PM".

<http://ag.arizona.edu/region9wq>

Regional Problems

- Piggeries
 - Western Pacific Islands
 - Less than 10 pigs
 - Located on stream
 - EPA Region 9 identified problem
- Drinking Water
- Drought



Regional Themes

- Animal Manure & Waste Management
- Drinking Water & Human Health
- Water Conservation & Ag Water Management
- Watershed Management

Regional Projects

- Survey of attitudes and awareness of water quality issues
- Regional web site
- Animal Waste Management
 - Dry litter systems, demonstrations, site visits
 - *Leptospira* detection in water, survival in compost
 - Impacts of feral pigs
 - Aquaculture

Regional Projects

- Water Conservation and Ag Water Management
 - Food safety & water quality (CA and HI)
 - Reclaimed water reuse/irrigation
 - Nitrogen leaching index
- Watershed Management
 - Stream water quality
 - 319 comprehensive web site (HI)
 - Lake Tahoe companion pet wastes and water quality effects
 - Navajo undergraduate science student retention

Regional Projects

- Drinking Water and Human Health
 - Web sites (state and regional)
 - Rainwater catchments
 - Rain water catchment design & maintenance
 - Water quality testing
 - Science education in the islands
 - Solar distillation in the islands
 - Onsite wastewater treatment

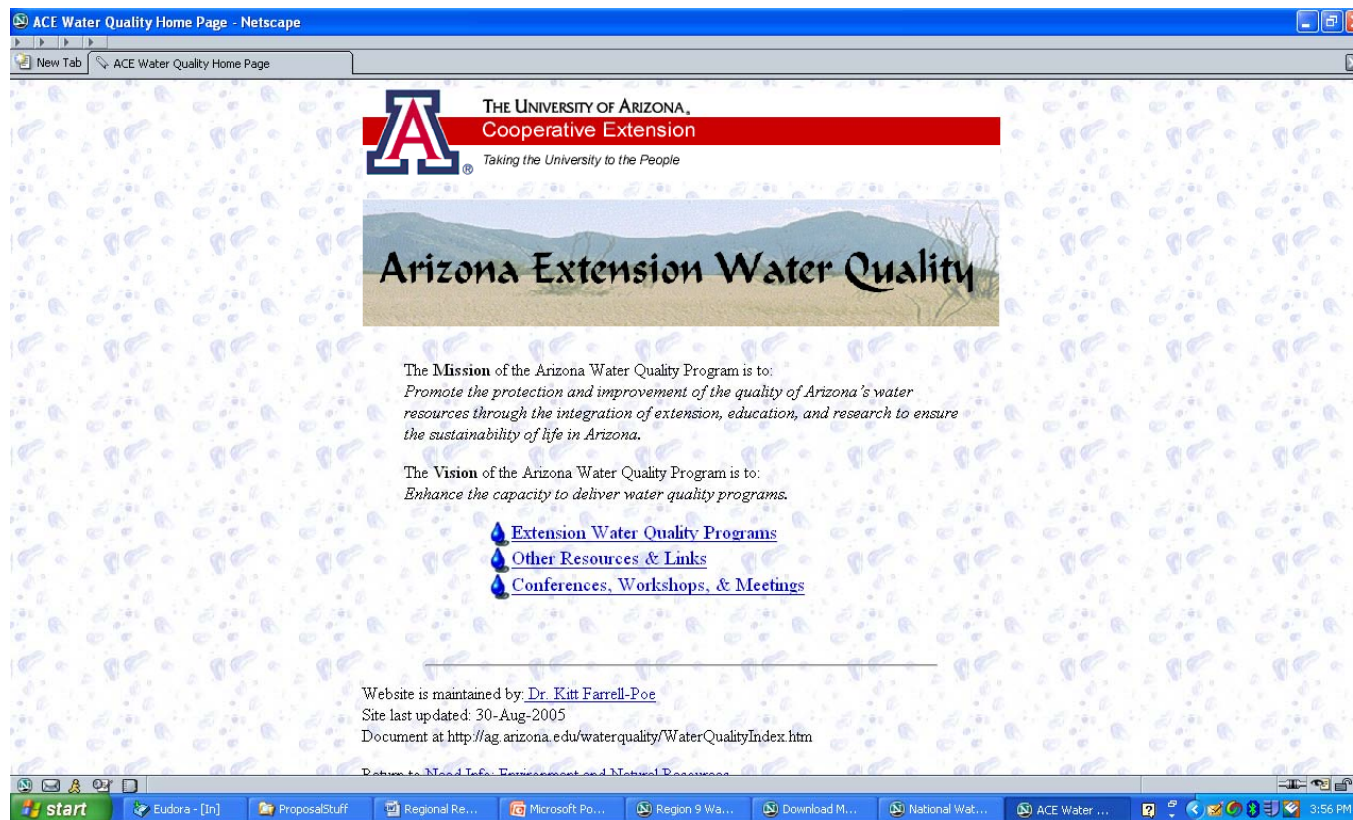
Arizona Programs

- Watersheds
 - Project WET
 - Master Watershed Stewardship
 - *Preliminary Evaluation of Metal Contamination Sources in the Colorado River from Measurement of Lead and Uranium Isotopic Ratios*
 - *Assessing the Risk for Microbial Contamination of Leafy Vegetables from Overhead Irrigation*
- Onsite Wastewater Treatment Education
- Water Conservation & Ag Water Management/Irrigation
 - *Assessment of the Impact of Laundry Graywater Usage*

Arizona Programs

- Safe Drinking Water
 - Pilot-testing Safe Drinking Water hotline in Maricopa County
 - Pilot-testing Private Well Owner education kits in Cochise & Yavapai Counties
 - Reprint of *Arizona: Know Your Water*

Arizona Cooperative Extension Water Quality Program



<http://ag.arizona.edu/waterquality>

Challenges with working with Extension faculty and/or programs

- Challenges with faculty? NO
- Challenges with programs? YES
 - Difficult to keep up with all the programs in ACE
 - Need mechanism to get information on various programs/projects (letting ACE personnel know what is happening)
 - Reporting (more frequently than annually)
 - Regular email postings (like Michael A. Crimmins' Arizona climate web briefing postings)
 - Newsletters, listservs, etc.