

# UDALL CENTER *UPDATE*

Notices from the Udall Center for Studies in Public Policy at The University of Arizona • Number 12 • December 2000

## CENTER RESEARCHES SUSTAINABILITY OF SOUTHWEST WATER RESOURCES

The Udall Center, in collaboration with an interdisciplinary team of researchers, is conducting feasibility studies for future research on water sustainability in Arizona's Gila, Salt, and San Pedro river basins. The research is being conducted under the auspices of a new Science and Technology Center for the Sustainability of Semi-Arid Hydrology and Riparian Areas (SAHRA) led by The University of Arizona's (UA) Department of Hydrology and Water Resources.

The Udall Center's Anne Browning is investigating the historical context of water-rights disputes in central Arizona, the Gila and Salt River areas, and in connection with the Arizona General Stream Adjudication settlements. Her effort will help identify social, cultural, and economic issues that Native American and other water stakeholders consider essential to watershed-management planning and conflict resolution.



San Pedro Riparian National Conservation Area, courtesy Dave Krueper, BLM

Simultaneously, in southern Arizona and across the border in Mexico, at the Udall Center, Ann Moote and Maria Gutierrez are conducting a binational study on the Upper San Pedro watershed. They are using surveys and interviews to determine stakeholder issues, interests, and information needs for future watershed planning and management. This information, along with existing research on water sustainability in the Upper San Pedro Basin, will be integrated with hydrological and economic research by faculty at the UA and the University of New Mexico.

Preliminary feasibility studies will be completed in early 2001. For more information, contact Anne Browning at

[browning@u.arizona.edu](mailto:browning@u.arizona.edu) or Ann Moote at [moote@u.arizona.edu](mailto:moote@u.arizona.edu).

## AuroraNet News Debuts

*AuroraNet News*, the weekly electronic newsletter published by the Udall Center for members of the Aurora Partnership, made its debut in September. The Aurora Partnership was organized in 1998 as a public/private collaboration to develop decision-support tools, services, and systems for place-based decisionmaking and management. *AuroraNet News* provides information on conferences and events, case studies, and resources pertinent to geographic-information and decision-support systems.

Recent newsletters have featured the organization's third annual meeting held in November, the National Hydrography Dataset recently released by the U.S.

Geological Survey, a case study of land-information systems in Wisconsin counties, and the National



Atlas of the United States. To subscribe to *AuroraNet News*, visit the Aurora Partnership's Web site at [www.aurorapartnership.org](http://www.aurorapartnership.org), or contact Robert Merideth at [merideth@u.arizona.edu](mailto:merideth@u.arizona.edu).

## FACILITATION TRAINING SCHEDULED FOR JANUARY

The Udall Center is organizing a three-day workshop on facilitation training to be lead by Carl Moore in Tucson, Arizona, from January 11-13, 2001. The first day will cover basic facilitation and will include nominal group technique, idea-writing, springboarding, single-text negotiation, and interpretive structural modeling. The second and third days will address community mapping, negotiated investment strategy, community visioning, leadership development, process mapping, strategic planning, and other techniques.

Cost for attendance is \$325 (early registration by January 2); those who have previously completed Moore's basic facilitation training can attend days two and three only at a reduced rate. For more information, contact Mette Brogden at the Udall Center at [metteb@u.arizona.edu](mailto:metteb@u.arizona.edu) or at (520) 884-4393.

## Activities Related to Indigenous Nations



The Center's work with indigenous peoples has continued to expand. Some recent highlights include the following:

- ♦ Udall Center director Stephen Cornell testified in Ottawa on June 6 before the Standing Committee on Aboriginal Affairs of the Canadian House of Commons, reporting the results of extensive research on indigenous self-governance and economic development in the United States. The Committee was interested in possible implications for Aboriginal policy in Canada. To request a copy of his testimony, contact Jen McCormack at [jenmack@email.arizona.edu](mailto:jenmack@email.arizona.edu) or at (520) 884-4393.
- ♦ Native Nations program director Manley Begay and Stephen Cornell led an executive education workshop on self-governance for First Nations Chiefs in Manitoba in August. The workshop took place in Winnipeg under the auspices of the Aboriginal Leadership Institute.
- ♦ In September, Stephen Cornell delivered the keynote address at a conference in New Zealand on "Nation-Building and Maori Development in the 21<sup>st</sup> Century," organized by the School of Maori and Pacific Development at the University of Waikato. Maori leaders from around New Zealand attended the conference. Cornell also gave several interviews on national radio and presented a research colloquium at the University of Waikato.
- ♦ In Window Rock, Arizona, Manley Begay led a working session on nation-building at the Navajo Common Law Symposium in September. Attendees included many members of the Navajo Nation Council.
- ♦ In October, Manley Begay and Stephen Cornell worked with the Ktunaxa/Kinbasket Tribal Council in British Columbia on strategies for expanding and enhancing tribal self-governance. Chief Sophie Pierre of St. Mary's First Nation organized the two-day workshop. Udall Center program assistants Sarah Arvey and Nathan Pryor also worked on this project.
- ♦ Manley Begay and Udall Center senior policy scholars Kenneth Grant and Jonathan Taylor are playing a central role in a Ford Foundation-funded review of philanthropic activities related to indigenous peoples. The Udall Center is partnering in this review with the Harvard Project on American Indian Economic Development at Harvard's John F. Kennedy School of Government. The review will be completed this spring.

## BROWN BAG SEMINAR SERIES ON CONFLICT RESOLUTION

The Udall Center, in conjunction with the U.S. Institute for Environmental Conflict Resolution, continues to host the Conflict Analysis, Research, Mediation, and Management Alliance (CARMA) Seminar Series this fall. Brian Boyle of Battelle Corporation's Pacific Northwest National Laboratory in Seattle, Washington, inaugurated the season's series on October 11 with a presentation on his efforts to effectively assimilate science and technology into the natural resources decisionmaking process of government agencies and industries.

Subsequent seminars will be hosted jointly by the Center and the Institute. For more information on this seminar series or to be included on the mailing list, contact Jennifer Shepherd at the Udall Center at (520) 884-4393 or at [jshep@u.arizona.edu](mailto:jshep@u.arizona.edu).

## ...to the Sea of Cortés

### Symposium and Workshop Address Nature, Water, Culture, and Livelihood in the Lower Colorado River Basin and Delta

On September 29<sup>th</sup>, 2000, the Udall Center and UC MEXUS (the University of California Institute for Mexico and the United States), with support from the Ford Foundation, the U.S. Environmental Protection Agency (Region 9), the U.S. Department of the Interior, and the Morris K. Udall Foundation and in association with the Centro de Investigación Científica y de Educación Superior de Ensenada (CICESE), hosted a binational public symposium in Riverside, California. The program, attended by about 230 persons from the United States, Mexico, and a number of Native Nations, addressed questions about management and policy in the Lower Colorado River watershed, the Colorado River Delta, and the Upper Gulf of California. Scholars, professionals, community members, and government officials involved in issues of the Lower Colorado River and Delta gave presentations that identified potential problems, possible solutions, and areas in need of focused research on the Lower Colorado River Delta and Basin. Following these presentations, participants engaged in open-format question-and-answer sessions.

The event aimed to initiate and further a dialogue among various stakeholders of the Lower Colorado River Delta and Basin: policymakers, managers, water users, community members, and researchers from both sides of the U.S.-Mexico border. Following the public symposium, a day-and-a-half of workshops facilitated further discussions of the issues presented. Participants raised numerous questions and proposed many solutions, and a number of conferences and research meetings have since been held or are being planned as a result of the relationships developed at the '...to the Sea of Cortés' conference (see sidebar).



Symposium panelists (left to right: David Getches, University of Colorado; Kara Gillon, Defenders of Wildlife; Eugenia McNaughton, U.S. Environmental Protection Agency-Region 9; and Mariana Alvarado, William and Flora Hewlett Foundation) discuss policy related to the Sea of Cortés and the lower Colorado River delta. Photo by Jen McCormack.



Workshop attendees at the Mission Inn in Riverside, CA. Photo by Jen McCormack.

### Related Developments . . .

The U.S. Department of the Interior held a meeting for U.S. stakeholders on October 11, 2000, in Washington, D.C., to discuss the involvement of the United States in the region of the Colorado River Delta.

On October 20, 2000, CONACYT (Mexico's national science agency), UC MEXUS, CICESE, and the Udall Center convened a meeting in Ensenada, Mexico, to explore the possibility of a binational research grants program, which would support much-needed policy, social-science, and scientific research on the Colorado River Delta and Basin.

A digest of the '...to the Sea of Cortés' event is now being drafted and will be available from the Udall Center in early 2001. To order a copy of these proceedings, contact Jen McCormack at [jenmack@email.arizona.edu](mailto:jenmack@email.arizona.edu) or at (520) 884-4393.

## Discussing Growth-Planning Propositions

Growth management in Arizona was on the November 2000 election ballot in the form of two propositions. For months leading up to the elections, the issue generated intensive policy-development activity.

In February 2000, the state passed "Growing Smarter Plus" legislation, which was developed by the Governor's Grower Smarter Commission. The result, Proposition 100, concerning State Trust Lands, was placed on the November ballot.

A competing proposal, the Citizen's Growth Management Initiative, known as Proposition 202, was placed on the ballot on the strength of over 140,000 signatures by proponents. It would have required the establishment of 10-year growth boundaries around communities with over 2,500 residents, and required voters to approve plans.

In an effort to present the salient issues of Propositions 100 and 202 to the public, the Udall Center organized and cosponsored the conference, "Growth and Land Use in Arizona." Also sponsoring the event were the Arizona Common Ground Roundtable and the Arizona State University (ASU) Environmental Law Society. Held at ASU's Law School on October 6, about 100 citizens attended the forum.

Speakers included environmentalists, elected officials, ranchers, developers, conservationists, planners, and members of the business community, as well as those responsible for drafting legislation and propositions. The speakers discussed how the propositions would affect their constituencies and communities.

On November 7, 2000, Proposition 100 was narrowly defeated, and Proposition 202 was rejected by a two-to-one majority.

## Primer on Climate of the Southwest Now Available

Climate is an important and multifaceted aspect of the physical, social, and economic character of the Southwest. To provide an overview on the role and relevance of climate in the region, the Udall Center and the UA's Institute for the Study of Planet Earth have recently published *A Primer on Climatic Variability and Change in the Southwest*.

The 28-page primer is aimed at a range of decisionmakers, stakeholders, and other interested citizens and provides, in nontechnical language, answers to a number of questions:

- ♦ What do we know about the Southwest's past, present, and future climate?
- ♦ What are the status and trends of key social, economic, and environmental conditions in the region and how do these relate to climate?
- ♦ How do changes in climate—season to season, year to year, or over longer periods—affect agriculture, ranching, urban water demand, energy use, natural ecosystems, and other sectors?
- ♦ What actions, taken by whom, might help minimize potential or likely adverse impacts of climatic variability and change?

Preparation and publication of the primer was supported by a grant from the National Park Service's Intermountain Regional Office with additional funds from the Office of Global Programs at the National Oceanic and Atmospheric Administration.

A printed version of the primer is available free from the Udall Center. Contact Jen McCormack [jenmack@email.arizona.edu](mailto:jenmack@email.arizona.edu) at the Udall Center. A pdf version is available from the Center's Web site at [udallcenter.arizona.edu](http://udallcenter.arizona.edu).



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