

Cumulative Bio-Bibliography

June 26, 2007

Steven Kasower

Researcher in Environmental Studies, Senior Research Economist

University of California, Santa Cruz, 1156 High Street, Santa Cruz, CA 95064

Phone (916) 442-1477; Fax (916) 442-3109; skasower@ucsc.edu

Last Revised: June, 2007

Signature indicates the following information has been reviewed for accuracy, and bio-bibliography information _____ may _____ may not be released to the public:

Signature

Date

EMPLOYMENT HISTORY

- 2006 University of California, Santa Cruz, Researcher in Environmental Studies, Senior Research Economist, Center for Integrated Water Research
Responsible for conducting research in the areas of water resources from the political, regulatory, economic, and institutional perspectives. This applied research track is designed to provide a means for society to most acceptably and economically provide water for human and environmental uses.
Development of a robust water research program with a diverse funding base to best effect a viable water research agenda for the Center for Integrated Water Research (CIWR). Work with Researchers, Academic Coordinators, and Graduate Students on CIWR's projects
- 2003-6 United States Bureau of Reclamation, Desalination Planning Manager, Water Treatment and Engineering Group, Technical Service Center, Denver, Colorado,
Responsible for planning and identifying the appropriate role for advanced treatment technologies in creating new water supplies in the West. Particular emphasis given to the impacts of new water supplies from the hydraulic, operational, environmental, economic, legal, and institutional perspectives.
Responsible for bringing alternative and interdisciplinary perspectives to Reclamation's applied water treatment technology research.
Mentored young technical staff members to a meaningful role for their expertise within interdisciplinary processes.
- 2003 Big Bear Area Regional Wastewater Agency, Big Bear City, California, Water Recycling Project Coordinator
Responsible for implementing a water recycling program that converts BBARWA from a traditional wastewater treatment and disposal entity to a recycled water

producer treating 100% of the waste flow into water suitable for recharging the drinking water aquifer.

Working with the Board of Directors and the General Manager, responsible for identification and evaluation of project alternatives. Analytical work includes project planning design, permitting, environmental documentation, and public information programs. Responsible for establishing proposals and managing professional contracts for various components of the recycling project.

- 1998-03 United States Bureau of Reclamation, Lower Colorado Region, Southern California Area Office, Temecula, California, Area Planning Officer
Responsible for all aspects of federal water resource planning in southern California, including water conservation, water recycling, conjunctive ground and surface water management, brackish and ocean water desalination, regional water planning activities with local southern California water, stormwater, and wastewater agencies, urban, industrial, and agricultural interests, and with Mexico.
Study Manager, Southern California Comprehensive Water Reclamation and Reuse Study, a six-year, \$6 million study of regional water recycling potential under the direction of an eight member Executive Management Team comprised of regional water and wastewater agency cost-sharing partners and collaborative participation with 70 local water and wastewater agencies from Ventura County in the north to San Diego County in the south.
Study Manager, Southern California Water Recycling Projects Initiative, a 4-year \$3.5 million study aimed at implementing by 2010, 15 regional water recycling projects with yield over 380,000 acre-feet annually with nearly 800,000 acre-feet of recyclable water potential. This is a focused continuation of the Southern California Comprehensive Water Reclamation and Reuse Study.
Study Manager for Santa Margarita River Watershed and Los Angeles-San Gabriel Watershed Studies, Congressionally authorized activities aimed at augmenting local water supplies through more coordinated and efficient storm water management.
Oversight of a Bureau of Reclamation southern California Native American Affairs program, aimed at assisting the thirty-one federally recognized tribes in southern California in establishing and managing their water supplies.
Establishment and management of a multiple year water resource planning program serving southern California water, stormwater, and wastewater agencies.
- 1990-97 State of California, Department of Water Resources, Sacramento, California, Water Recycling Specialist
DWR's water recycling spokesperson and manager of water recycling activities. The water recycling position, conceived by me, focused entirely on local resource issues and was designed to facilitate the adoption by local agencies of integrated local resources management programs including water conservation and recycling as part of their Urban Water Management Planning activities
Worked with Legislature to include program funding (Proposition 204) to fund and institutionalize a water recycling activity in DWR's budget.

- 1985-90 United States Bureau of Reclamation, Mid Pacific Region, Fish and Wildlife Service, and Geologic Survey, California Department of Water Resources, and Department of Fish and Game, San Joaquin Valley Drainage Program, Sacramento, California, San Joaquin Valley Drainage Program Liaison to the National Academy of Sciences.
Liaison to the National Academy of Sciences/National Research Council's Committee on Irrigation Induced Water Quality Problems.
Technical and policy advisory to the Federal-State SJVDP during its five-year study of the environmental consequences of irrigated agriculture overlying shallow saline aquifers on the west side of the San Joaquin Valley.
- 1977-85 California Department of Water Resources, Sacramento, California, Statistical Method Analyst, Senior Staff Economist and Chief of Planning Evaluation

Over seven years of progressively responsible management and administrative experience at the California Department of Water Resources, including activities in Water Conservation, Groundwater, Water Quality, Financial Programs, and local district activities. Began career as a statistician and rapidly advanced to manage the technical economics program, serving the policy makers and producing technical reports and memoranda. Ultimately, I had responsibility for technical oversight of all planning analyses and methodologies.

EDUCATION

- 1988 University of California, Davis, completed all class work and examinations leading to Ph.D. in Economics with specialization in Resource Economics, Comparative Economic Systems, Industrial Organization, Econometrics, Mathematical Economics, Chinese Economic History; dissertation title, "A Public-Private Approach to Managing Saline Soils in the San Joaquin Valley, California."
- 1988 University of California, Davis, Master of Arts, Economics
- 1975 San Francisco State University, Bachelor of Arts in Economics and Chinese Language

PROFESSIONAL COMPETENCE AND ACTIVITY

Honors, Awards, Grants

- 2001 WateReuse Association, Professional of the Year, 2001. Awarded for sustained analytical and policy work on recycled water issues.
- 1980 Governors Commendation, for economic evaluations and staff work on the California Wild and Scenic Rivers Task Force

WRITINGS AND CREATIVE ACTIVITIES IN PROGRESS

Articles

Submitted

Accepted

Chapters in Books

Accepted

PUBLISHED WRITINGS AND CREATIVE ACTIVITIES

Books and Monographs

- 2004 S. Kasower, A. Lynch, S. Lynch, U.S. Bureau of Reclamation, Southern California Water Recycling Projects Initiative, March 2004.
- 1998 Study Manager and lead author, U.S. Bureau of Reclamation, Southern California Comprehensive Water Reclamation and Reuse Study, (December).

Articles in Professional Journals

- 2000 S. Kasower, Recharging Groundwater in Southern California A Six-County Recycling Program, Proceedings of the American Groundwater Association Conference, 2000.
- 2000 S. Kasower, Regional Water Recycling Projects Gain Momentum In California, Proceedings of the Water Environment Federation, WEFTEC, Anaheim, CA.
- 1998 B. Sheikh, E. Rosenblum, S. Kasower, and E. Hartling Accounting for the Benefits of Water Reuse AWWA: Denver in Proceedings AWWA/WEF Water Reuse Conference, Orlando, FL.
- 1998 S Kasower and D. Braver, Regional Water Recycling Innovations: Strategies to Implement California's New Water Supply, Proceedings of the Water Reuse Association of California, Symposium XIII, San Jose, CA.
- 1998 B. Sheikh, E. Rosenblum, S. Kasower, and E. Hartling Accounting for the Benefits of Water Reuse AWWA: Denver in Proceedings AWWA/WEF Water Reuse Conference, Orlando, FL.
- 1996 S. Kasower and D. Spath, California Department of Health Services and California Department of Water Resources. A Proposed Framework for Regulating the Indirect Potable Reuse of Advanced Treated Reclaimed Water by Surface Water Augmentation in California (January).

- 1996 Bulletin 160-86, California Department of Water Resources, The California Water Plan Update.
- 1991 Bay-Delta Reclamation Sub-Work Group and the State Water Conservation Coalition, Reclamation/Re-Use Task Force. Water Recycling 2000 California's Plan for the Future, (September).
- 1979 Bulletin 205, California Department of Water Resources, The Impact of Severe Drought in Marin County California.

Chapters in Books

Book Reviews

Newspaper Articles

Other

- 2006 S. Kasower, B. Raucher, G. Wolff, and M. Beuhler, Portfolio Theory: Implications for Valuing New Sources in Water Supply Planning, Draft Technical Paper intended for journal publication, January 25, 2006.

OUTSIDE PROFESSIONAL ACTIVITIES

Public Lecture or Forum Participation

- 2005 Presenter, California Water Law and Policy Conference, Irvine, CA 2002
S. Kasower and A. Lynch, "Aggressive Water Management Through the Looking Glass: Is There a Problem?"
- 2001 Presenter, "Careful Planning, Technical Competence, Exacting Science ... You Lose! (But Why?)" California Hazardous Materials Investigators Association Annual Training Conference. Shell Beach, CA (May 4).
- 2001 Presenter, "The Future of Business in the Big Bear Valley: Will We Survive the Sentimental Drought? And What YOU Can Do About It" Kiwanis Club of Big Bear. Big Bear, CA.
- 1999 S. Kasower, Regional Planning Partnerships Lead to Successful Projects, Presented to the Focus on Orange County, Workshop for Managers, Irvine, CA.
- 1999 S. Kasower, California Agriculture at the brink of the 21st Century: You are the Pivotal Generation. Presented to the California Farm Bureau Federation, Young Farmers/Future Leaders Conference, Walnut Creek, CA.

- 1998 S Kasower and D. Braver, Lessons Learned From Regional Resources Planning, Presented to Department of the Interior planners, San Antonio, TX.

Membership or Activities in Professional Associations

- 2007 Member (Since 2003), American Membrane Technology Association
- 2007 Member (Since 1999), Colorado River Water Users Association
- 2007 Member (Since 2006), Association of California Water Agencies, Water Management Committee
- 2007 Member (Since 2006), Association of California Water Agencies, Desalination Sub-Committee
- 2001- Member, Proposal Advisory Committee, WateReuse Foundation Research Program. Attended workshop to making funding decisions for the 2001 Call for Proposals, San Diego, September 7.
- 1999 to 2002 Chair, WateReuse Foundation, Agricultural Reuse Committee
- 1996 to 2000 Member, WateReuse Association Legislative Committee

Papers Presented at Professional Meetings

- 2000 Presenter, "Southern California Comprehensive Water Reclamation and Reuse Study & The Southern California Water Recycling Projects Initiative, US Bureau of Reclamation's Regional Water Recycling Partnerships", Urban Water Institute's Spring Conference, Ventura, CA.
- 1998 S. Kasower, Can Reclaimed Water be a Serious New California Water Supply? Presented to the American Society of Civil Engineers, Ontario, CA.
- 1997 S. Kasower, Agricultural Irrigation Using Recycled Municipal Water...or, what does this have to do with reality? Presented to the Association of California Water Agencies Conference.

Consultative or Other Service to Private Organizations

- 1995 Water Resources Advisor, Tommytown Thoroughbred Farms, Santa Maria, CA
- 1993 Chair, Financial Advisory Committee, Board of Directors, Los Angeles Computer Corporation

Editorial or Board Service to Publications

Service to Local, State, or Federal Government

- 1996 to 2000 Elected Board Member, Fremont Park Neighborhood Association, City of Sacramento
- 1996 Co-Chair, State of California Planned Indirect Potable Reuse Regulatory Committee

1997 City of Sacramento, SMART Traffic Calming Neighborhood Advisory
Committee, City of Sacramento