



**WESTCAS 2017 Annual Conference  
June 21-23  
San Diego, CA**

**Speaker/Presenter Biographies**

**Harlan Agnew, Esq., Practicing Water and Environmental Law, Tucson, Arizona**

Harlan Agnew was a Deputy Pima County Attorney for 25 years with responsibility for environmental issues. In this position, he represented Pima County in Clean Water Act issues, Superfund, Resource Conservation and Recovery Act and other water and Environmental matters. His principle clients were the Regional Wastewater Reclamation Department, Finance and Risk Management, Solid Waste, the Pima County Department of Environmental Quality, the Local Emergency Planning Committee and Public Works.

Mr. Agnew was the co-chair of the Western Coalition of Arid States Committee ("WESTCAS") on environmental regulations. He also served as a member on several environmental committees including, the Legal Affairs Committee of National Association of Clean Water Agencies ("NACWA"), the Southern Arizona Environmental Crimes Task Force, the United States Attorney's Law Enforcement Coordinating Committee – Advisory Environmental Subcommittee, the Arizona Water Quality Coalition, the Federal Water Quality Standards Coalition and the Arizona Water and Wastewater Agency Response Network ("AZWARN").

Mr. Agnew worked for the Environmental Protection Agency for 9 years, serving in Region 9 and on EPA's National Hazardous Waste Task Force. With the Task Force, his responsibility was litigation and coordination for Regions 3 and 7. As an Assistant Attorney General for Arizona, he represented the Arizona Department of Health Services. He clerked for the Arizona Court of Appeals, Division II.

Mr. Agnew is a member of both the Arizona and California Bar Associations and a graduate of the University of Illinois and the University of Arizona College of Law. Awards include the 2008 WESTCAS Golden Cactus Special Recognition Award, the 2005 WESTCAS Craig Reece Award and in recognition of making WESTCAS the "Voice of Water Quality" the 1998-1999 Special Recognition Award and the 1995 Distinguished Performance Award recognizing Outstanding Leadership in the Protection of the Arid West's Water Quality and Supply. Mr. Agnew also received the 2004 Award for Environmental Stewardship by the Arizona Water Pollution Control Association, awarded to a "person who has demonstrated outstanding achievement with in the environmental area within the State of Arizona". He further served as Chapter Editor, *Arizona Environmental Law Manual*, 1995 edition, and as 1991-1994 council member for the Executive Council of the Environmental and Natural Resources Law Section, Arizona Bar Association.

**Fred Andes, Esq., Partner, Barnes & Thornburg LLP and Coordinator, Federal Water Quality Coalition**

Fred Andes is a partner in the Chicago and Washington, D.C. offices of Barnes & Thornburg LLP, and is the leader of the firm's water team. Mr. Andes is involved in counseling and litigation on issues arising under various federal and state environmental laws, with a special emphasis on Clean Water Act matters.

Mr. Andes has been involved in numerous activities concerning development and implementation of EPA policy under the Clean Water Act. He was selected by the EPA to serve on the Federal Advisory Committee on the Total Maximum Daily Load (TMDL) Program. He is serving as coordinator for the Federal Water Quality Coalition, which is a group of municipal and other regulated parties that is participating in EPA's rulemakings and development of guidance on permits, water quality standards, TMDLs and other key Clean Water Act programs. He has also participated actively in the work of the U.S. Conference of Mayors concerning the development of EPA's Integrated Planning Framework.

Mr. Andes is also advising trade associations, industries, and municipalities on TMDLs, permits, standards, and other water quality matters on the state and federal levels, including development of permits and regulations concerning combined sewer overflow (CSO) and sanitary sewer overflow (SSO) discharges, publicly-owned treatment works (POTWs), municipal separate storm sewer systems (MS4s), integrated plans, and other Clean Water Act issues faced by municipalities.

Mr. Andes graduated *cum laude* from Harvard Law School in 1980. He obtained his undergraduate degree from Northwestern University in 1977. Mr. Andes is a member of the Illinois State, District of Columbia, and American Bar Associations. He is admitted to practice in the state of Illinois, the District of Columbia, the U.S. District Court for the Northern District of Illinois and the District of Columbia, and the U.S. Courts of Appeals for the First, Second, Fourth, Fifth, Sixth, Seventh, Ninth, Tenth, Eleventh, and D.C. Circuits.

**Steve Bigley, Director of Environmental Services, Coachella Valley Water District**

Steve Bigley is the Director of Environmental Services for the Coachella Valley Water District where he has worked for the past 28 years. His agency provides domestic water, wastewater, recycled water, irrigation water, drainage, flood control and groundwater management services to over 300,000 residents in Coachella Valley, California.

Steve's responsibilities include overseeing programs for water quality, environmental assessment, regulatory compliance, groundwater replenishment, water management planning and operation of a State certified laboratory. He has a Bachelor's of Science degree in Environmental and Systematic Biology from California Polytechnic State University, San Luis Obispo, where he graduated summa cum laude.

Steve has served on the National Drinking Water Advisory Council's workgroup to evaluate arsenic rule compliance costs and has chaired water quality workgroups for the Association of California Water Agencies, where he is a current member of the Water Quality Committee and Vice-Chair of the Safe Drinking Water subcommittee. He has also served on several American Water Works Association and Water Research Foundation committees evaluating chromium treatment.

As Secretary and California Board member for the Western Coalition of Arid States, Steve also works to obtain legislation and regulations that account for the unique water quality and water supply conditions in America's arid west.

**Steven P. Canton, Certified Senior Ecologist, Vice President/Principal, GEI Consultants, Inc.**

Mr. Canton has over 35 years of professional experience in the design of aquatic evaluation programs, field sampling of aquatic habitats, water quality/biological data analysis, statistical analysis of stressor effects, and especially technical reviews of water quality criteria. He is a recognized expert in water quality effects on aquatic life, and frequently provides expert testimony and support for regulatory water quality hearings, environmental assessments, and ambient water quality standards development.

Mr. Canton manages GEI's national Ecology Practice and oversees GEI's Aquatic Laboratory where analyses are regularly conducted on aquatic macroinvertebrates and zooplankton, whole effluent toxicity (WET) testing, nutrient analysis, and various EPA approved water quality analyses. He has completed project work in more than 30 states. He has also participated as an invited expert for selenium risk evaluation in aquatic environments for the Society of Environmental Toxicology and Chemistry, has provided peer review for selenium effects issues near coal mining sites in British Columbia (on behalf of the BC Ministry of the Environment), peer reviewed new molybdenum water quality standards on behalf of the International Molybdenum Association, and provided technical review of water quality issues for the National Mining Association on a variety of topics, including selenium, conductivity, and mountain-top mining.

**Patrick Chavez, M.S., P. E., LEED AP+, Stormwater Quality Engineer, Albuquerque Metropolitan Arroyo Flood Control Authority**

Patrick Chavez is the Storm Water Quality Engineer with the Albuquerque Metropolitan Arroyo Flood Control Authority (AMAFCA). AMAFCA's purpose is to prevent injury or loss of life, and to eliminate or minimize property damage in the greater Albuquerque area by building and maintaining flood control and water quality structures.

Prior to joining the team at AMAFCA, Patrick worked as an award-winning Project Manager for over 15 years at private consulting firms across the country. Patrick has undergraduate and graduate degrees in Civil Engineering from the University of New Mexico. He is a licensed Professional Engineer in New Mexico, Colorado and Texas.

**Kelly Collins, PG, BCES, CDM Smith, Inc., Albuquerque, NM**

Kelly Collins is a Senior Water Resources Planner and Permitting Specialist with 36 years of experience managing projects in the environmental field. She has managed state water planning, water resource evaluations and master planning for water and wastewater services for cities and counties in New Mexico. She is currently managing MS4 support projects for the City of Albuquerque, Albuquerque Metropolitan Arroyo Flood Control Authority, and the New Mexico Department of Transportation. Ms. Collins also is currently serving as President of WESTCAS.

## **Ed Curley, Immediate Past President, WESTCAS**

A graduate of the University of Arizona, Ed Curley was employed by the Pima County Regional Wastewater Reclamation Department (RWRD) for over 35 years. Prior to his retirement, Mr. Curley served as Strategic Planning Manager for the Department. In this position, he analyzed state and national water quality initiatives; coordinated regional water quality planning; managed the Wastewater Advisory Committee and worked with local jurisdictions and tribal entities served by RWRD. His previous assignments included the development of 20-year \$1.4 billion Capital Improvement Plan for the Department and Metropolitan Facility Plan Updates.

From 1995-2007, Ed served as Project Director of the Arid West Water Quality Research Project (AWWQRP), an EPA grant administered by RWRD to research the science and policy issues of water quality standards for arid environments. The Project produced a series of major technical and policy papers, published numerous scientific articles and made over 250 presentations throughout the West and the nation. Mr. Curley was co-editor of the resulting book: "Relevance of Ambient Water Quality Criteria for Ephemeral and Effluent-Department Watercourses of the Arid Western United States" published by the Society for Environmental Toxicology and Chemistry (SETAC 2008).

He is a past President and a longtime member of the Board of Directors of the Western Coalition of Arid States (WESTCAS). Ed has received a National Environmental Achievement Award from the Association of Metropolitan Sewage Agencies in 2002, a Metropolitan Pima Alliance "Common Ground" Award in 2005, and the WESTCAS President's Award in 2007. Ed also received the WESTCAS Founders Award in both 1997 and 2015.

Ed is currently involved with policy and research on water resources and the natural/built environment on an international scale. In 2011, Ed made a presentation on "The Role of NGOs in the Formation of US Water Policy" to the 3<sup>rd</sup> International WATArid Conference in Paris, France. Most recently, Ed has been a stakeholder in a multi-year European Union/United States joint venture titled the Sustainable Water Action (SWAN) Project. SWAN has brought together the scientific and stakeholder communities related to water resources management in Europe and the United States to establish a long-term sustainable water network through a "Transatlantic Water Dialogue". Ed has participated in annual SWAN conferences in Europe and the United States and co-authored several articles on sustainable water resources with other SWAN stakeholders.

## **Peggy Glass, Ph. D., Principal, Alan Plummer Associates, Inc.**

Dr. Glass has over 40 years of technical and managerial experience. Since 1988 she has been with Alan Plummer Associates, Inc., an environmental engineering firm that specializes in projects related to water quantity and quality, water supply, wastewater management and stormwater management. She is Principal and serves as Chair of the Board of Directors.

Prior positions include leadership roles at the predecessor agencies to the Texas Commission on Environmental Quality (TCEQ) and at the engineering firms of CH2M Hill and Forrest and Cotton, Inc. In addition, for seven years she had her own firm, Glass Environmental Consultants, Inc., which provided environmental and engineering services.

Her specialties include the following: water quality management studies; environmental permitting; evaluations of water sources as water supplies; environmental assessments; nutrient criteria development; nonpoint source management; water quality standards; and stormwater quality management.

Her technical affiliations include the following: She is on the Board of Directors of the Texas Water Conservation Association and has previously served as the organization's President; She served on the TCEQ Nutrient Criteria Workgroup; She served as chair of the TWCA Nutrient Criteria Committee; She is a Texas representative on the Board of Directors of the Western Coalition of Arid States.

Dr. Glass has served on several special technical committees of the Water Environment Federation and TCEQ technical advisory groups. While employed by TCEQ, she served as national President of the Association of State and Interstate Water Pollution Control Administrators, Water Quality Management Planning Section. She is a member of the Water Environment Association of Texas.

Dr. Glass Received her B. S. in Chemistry from Texas State University and her Ph. D. in chemistry from the University at Austin. She has published a number of technical papers and is a frequent presenter at technical conferences.

Dr. Glass has two daughters and two grandchildren. She is an active participant in her church, where she has participated in mission trips to Nicaragua, Cuba, and Zambia. In addition, she is Chair of the Board of Directors of Austin Samaritans, a non-profit that supports medical, educational, and rescue organizations that serve the needy in Nicaragua.

### **Adel Hagekhalil, P. E., BCEE, Assistant Director, Bureau of Sanitation, City of Los Angeles**

Adel Hagekhalil is a registered civil engineer with the State of California and a national Board Certified Environmental Engineer. Mr. Hagekhalil has a BS and MS in Civil Engineering. He has participated in many leadership development programs including the Water and Wastewater Development Program at the University of North Carolina.

He is currently the Assistant Director of the City of Los Angeles' Bureau of Sanitation where he is responsible for the Bureau's wastewater collection system management, storm water and watershed protection program, water quality and Total Maximum Daily Load (TMDL) compliance, and facilities and advance planning.

Under his direction, the City has prepared an award-winning Water Integrated Resources Plan (IRP) for the year 2020 which relies on public input and participation and integrates water supply, water reuse, water conservation and stormwater management with wastewater facilities planning through a regional watershed approach. Mr. Hagekhalil has managed the collection system spill control program and led the implementation of the collection system planning efforts leading to over 80 percent reduction in sewer spills. He has an extensive experience in infrastructure assessment, planning, modeling, upgrading, and funding. Most recently, he led the collaborative development of the "Core Attributes of Effectively Managed Wastewater Collection Systems," a new document that promotes good engineering practices essential to managing and operating separate sanitary collection systems.

Mr. Hagekhalil has published numerous technical papers and participated in various technical conferences and committees. He is currently a Board member with the National Association of Clean Water Agencies, a member of the American Academy of Environmental Engineers, a member of the American Public Work Association and a member of Water Environment Federation. Mr. Hagekhalil has received both his P.E. and B.C.E.E. certification.

### **Fred B. Hicks, Ph.D., Hicks-Ray Associates**

After receiving his Ph.D. from the University of Chicago, Dr. Fred B. Hicks began a career as a Washington based water lobbyist in June 1979, and has spent the past 29 years representing public and private water and wastewater agencies and municipal governments in the federal sector. In 1982, Dr. Hicks founded Hicks-Richardson Associates which has been in continuous operation ever since with clients located from the Florida Keys, to Texas, and Southern California.

In 2002, Dr. Hicks and Tom Ray joined together to create Hicks-Ray Associates to serve the needs of water resources clients in Texas. Their work includes helping clients secure authorizations and appropriations for their projects, particularly with the Army Corps of Engineers and the Bureau of Reclamation, and working on behalf of clients with EPA and the Department of Defense concerning a variety of regulatory issues, such as perchlorate, radon, TCE's, and the Disinfection By-product rule.

Dr. Hicks has worked to create successful long-term local-federal partnerships on behalf of clients in Florida, Texas, and California addressing a wide spectrum of needs and challenges including perchlorate treatment research partnerships and regional cleanups of groundwater supplies.

### **Lisa E. Hollander, Governmental Affairs Officer, Metro Wastewater Reclamation District**

Lisa E. Hollander has thirty years of experience in public utility management, public law practice, environmental, health and safety counseling, governmental affairs, regulatory and legislative advocacy, and administrative and judicial litigation.

Ms. Hollander has been the Governmental Affairs Officer for Metro Wastewater Reclamation District (Metro District) since 2015 and is responsible for its Governmental Affairs and Water Quality divisions. Ms. Hollander's job responsibilities include managing Metro District interactions with member and special connector municipalities, regulatory entities, legislative bodies, and other governmental agencies. In addition, Ms. Hollander assists in developing and interpreting District policies and regulations, and participates in strategic and technical planning related to regulatory and connector relations, stakeholder involvement and projects involving sustainability and innovation.

Ms. Hollander earned her Bachelor of Arts degree in Psychology and Human Services at Washington University in St. Louis, Missouri, and her Juris Doctor degree at The University of Texas at Austin School of Law. In 2004 Ms. Hollander graduated from the Water and Wastewater Leadership Center at the Kenan-Flagler Business School, University of North Carolina at Chapel Hill.

### **M. Reed Hopper, Esq., Senior Attorney, Pacific Law Foundation**

Mr. Hopper is a Senior Attorney in PLF's Environmental Law Practice Group. He oversees the foundation's Endangered Species Act Program that is designed to ensure that species protections are balanced with individual rights, the rule of law, and other social values. Mr. Hopper also oversees PLF's Clean Water Act Project that targets illegal federal regulation of wetlands and other waters.

Prior to joining PLF in 1987, Mr. Hopper served as both an environmental protection officer and hearing officer in the U.S. Coast Guard enforcing the Clean Water Act in the Gulf Coast. Mr. Hopper has managed large industrial waste programs and established a consulting firm for hazardous waste compliance.

Additionally, Mr. Hopper has been part of national and state committees to draft and revise numerous environmental laws and regulations, including NEPA, CEQA, ESA, and CESA, and state and federal timber harvesting guidelines.

Mr. Hopper also has written numerous industrial compliance standards for air quality, water quality, and hazardous waste management. At PLF, Mr. Hopper has litigated precedent setting environmental and land use cases at all levels of the state and federal courts. In 2006, Mr. Hopper argued and won the landmark Clean Water Act case of *Rapanos v. United States* in the U.S. Supreme Court. In 2012, Mr. Hopper was the supervising attorney in another landmark Clean Water Act case PLF won in the U.S. Supreme Court called *Sackett v. EPA*. And, in 2016, Mr. Hopper argued and won unanimous Supreme Court victories in the pivotal cases of *Corps v. Hawkes* and *Kent Recycling v. Corps*. In recognition of his experience, Mr. Hopper has spoken at many conferences and has testified in Congress on numerous occasions as an expert witness on the Clean Water Act and Endangered Species Act. In addition to many journal and press articles, Mr. Hopper is author of *A Rationale For Partial Regulatory Takings: A Closer Look At Selected United States Supreme Court Precedent*, 31 Southwestern Univ. L. Rev. 1 (2001); *Bringing In The Sheaves: Home Grown Wheat, Weed, And Limits On The Commerce Clause*, 7 Ky. J. Equine, Agric. & Nat. Resources L., 41 (2015); and *How An Environmental Commerce Clause Challenge Presaged The Decision Of Chief Justice Roberts In NFIB v. Sebelius*, 7 Ky. J. Equine, Agric. & Nat. Resources L., 89 (2015).

Mr. Hopper is a member of the Bar of the State of California, numerous federal courts, and the U.S. Supreme Court.

Mr. Hopper graduated from the University of California with a bachelor's degree in German and major work in biochemistry. He also did graduate business studies at California State University and Tulane University and earned his Juris Doctor Degree from the University of the Pacific, McGeorge School of Law, University of the Pacific.

### **Adam Krantz, CEO, National Association of Clean Water Agencies**

Adam Krantz became CEO of NACWA on July 20, 2015. Before that Mr. Krantz was Managing Director of Government & Public Affairs at the National Association of Clean Water Agencies (NACWA), where he has worked since May 2001. Mr. Krantz manages an unparalleled team in Washington, DC, that advocates on behalf of the nation's public clean water agencies on an array of regulatory, legislative, and legal issues geared toward ensuring sustainable clean water agencies and a move toward the Utility of the Future.

Prior to his position at NACWA, Mr. Krantz was an associate editor/reporter at Inside Washington Publishers where his work focused on covering the U.S. Environmental Protection Agency's and Congress's national water quality initiatives. Before entering the environmental arena, Mr. Krantz worked as an attorney in the Washington, D.C. law firm, Dickstein, Shapiro, Morin & Oshinsky on litigation matters.

Mr. Krantz served three years as the President of the Federal Water Quality Association and also served as the first Vice President of the Clean Water America Alliance (now the U.S. Water Alliance). Mr. Krantz is currently a Board Member of the U.S. Water Alliance. Mr. Krantz has degrees from Columbia University in New York City, the American University's Washington College of Law in Washington, D.C., and the University of Chicago. He is a member of both the District of Columbia and Maryland bar.

### **Jim Kudlinski, Supervisor, Environmental Support Services, Salt River Project**

Jim Kudlinski is the Environmental Support Services Supervisor at Salt River Project. In this role, he is responsible for corporate-wide implementation of CERLCA, CWA, RCRA and TSCA compliance monitoring programs for SRP's water & power divisions. Prior to joining SRP, Jim developed PCB, storm water and SPCC compliance programs for Arizona Public Service, coordinated property acquisition projects for the City of Phoenix Aviation Department, and led OPA spill response and CERCLA site investigations as an On-Scene Coordinator with U.S.EPA Region VII. Jim has a Master's Degree in Business Administration from Baker University and a Bachelor's Degree in Atmospheric Science from the University of Kansas.

### **Peter Nichols, D. Esq., Partner, Berg Hill Greenleaf Ruscitti LLP**

Peter Nichols serves as lead counsel for western water users defending federal deference to state water law under the Clean Water Act and EPA's Water Transfers Rule, and as Special Assistant Attorney General to Colorado and New Mexico and co-counsel to other the western States in the same matters, from the seminal case of *Miccossukee Tribe of Indians v. So. Fla. Water Mgmt. Dist.*, 541 US 95 (2004) to *Catskills Mtns. Chap. of Trout Unltd. v. U.S. EPA*, No. 14-1823 (2<sup>nd</sup> Cir., 2017), which reinstated EPA's Rule.

Nichols is a partner of Berg Hill Greenleaf Ruscitti LLP, Boulder, Colorado, practicing water, environmental, conservation, and related law, while continuing his career as an occasional international mountaineering guide.

Peter is a member of the bars of the U.S. Supreme Court, the First, Second, Ninth, Tenth and Eleventh Circuit Courts of Appeal, the U.S. District Court for Colorado, and the Colorado, and Wyoming bars. He earned his JD from the University of Colorado School of Law; he also holds an MPA from CU and a BA from Colorado College.

### **Jeff Prevatt, Research and Innovation Leader, Pima County Regional Wastewater Reclamation Department**

Jeff Prevatt is the Research and Innovation Leader for Pima County Regional Wastewater Reclamation Department and has an extensive career spanning 25 years in the water utility sector. Jeff has a bachelor's degree in Microbiology and a Ph.D. in Chemistry, both from the University of Arizona and serves on multiple research teams involving process control, disinfection technologies, Laboratory operations, and pretreatment operations. He is the vision behind the creation of the Southwest Water Campus and owner of S. I. Photonics, Inc.

### **Andrew Prindle, Investment Banking Specialist, Goldman Sachs**

Andrew Prindle joined Goldman Sachs' Public Sector and Infrastructure Group in 2004. Over the last 10 years, he has completed over \$15 billion of complex project financings for a variety of sectors including transportation, energy, military housing, water and general infrastructure.

Specific to the Water sector, Andrew worked on the financings for both the Rialto Water and Allentown P3 transactions. He currently focuses primarily on project financings for municipal clients as well as negotiated P3s in the US. Mr. Prindle graduated from the University of California, Santa Barbara with a BS in physics.

## **Timothy Quinn, Ph. D., Executive Director, Association of California Water Agencies**

With more than 30 years of experience in California water issues, ACWA Executive Director Timothy Quinn has helped shape some of the most significant developments in state water policy in recent decades. His involvement in developing ACWA's Statewide Water Action Plan and the Brown Administration's California Water Action Plan has helped advance comprehensive solutions to meet the state's 21st century water needs.

Over the course of his career, Quinn has been a leader in many events that have transformed California water management, including passage of the Sustainable Groundwater Management Act of 2014 and enactment of Proposition 1, the \$7.5 billion general obligation water bond overwhelmingly approved by California voters in November 2014. In addition, he played a key role in developing the California Legislature's historic 2009 comprehensive water package, which ushered in a new era in water policy focused on the coequal goals of improving the state's water supply reliability and restoring the Sacramento-San Joaquin River Delta ecosystem. He also was actively involved in developing the Bay Delta Conservation Plan, the 2000 CALFED Record of Decision, the 1995 Monterey Agreement, the 1994 Bay-Delta Accord, and the 1991 Governor's Drought Water Bank. Other accomplishments include successfully negotiating numerous water marketing agreements and legislative initiatives.

Prior to joining ACWA as executive director in 2007, Quinn served as deputy general manager of the Metropolitan Water District of Southern California and represented the district on numerous state and federal water issues during his 22-year tenure. He joined MWD in 1985 as principal economist, and became deputy general manager in 1994. Before coming to MWD, Quinn was a project manager at the RAND Corporation, specializing in research on natural resources and environmental policy issues. He earned a Master's degree (1976) and PhD (1983) in economics from the University of California, Los Angeles.

## **J. Tom Ray, P. E., Hicks-Ray Associates**

After receiving a Bachelor's degree in biology and a Masters degree in Civil Engineering from Texas Tech University, J. Tom Ray began his career more than 30 years ago with the predecessor to the Texas Commission on Environmental Quality. His background includes consulting engineering work, as well as over 20 years' service with the Brazos River Authority. In addition to serving as Deputy General Manager of BRA, Tom served as Water Quality Director and then as Planning Director for the Authority.

Tom has been a long time Board member of the Texas Water Conservation Association and the National Water Resources Association. This includes serving as Chairman of the TWCA Water Quality Committee and as the founding and current Chairman of the TWCA Federal Affairs Committee. In this current position, Mr. Ray has overseen and been responsible for the planning and execution of four Texas Water Days in Washington beginning in 2005, during which over 100 TWCA leaders travel to Washington each February to carry a unified message concerning the needs of the State with regard to water resources.

Tom is currently the Water Resources Program Manager for Lockwood, Andrews, & Newnam, Inc. Tom has a wide-ranging acquaintance with water agencies and their issues in Texas and throughout the West.

### **Scott Reinert, P.E., P.G., Hydrogeologist, Water Resources Manager, El Paso Water Utilities**

Mr. Reinert manages well drilling and equipping projects, and water resources planning for the El Paso Water Utilities. He has 25 years of experience in water resources and water supply projects as a hydrogeologist and civil engineer. Mr. Reinert worked at Jacobs Engineering and Geohydrology Associates, Inc. in Albuquerque, New Mexico before being hired by El Paso Water Utilities in 1999.

Mr. Reinert has served as project manager and lead engineer for well drilling and equipping projects with the Utilities. This includes design of the wells, pumps and supporting infrastructure to connect new wells into the EPWU distribution system. Mr. Reinert has served as the project manager for groundwater modeling studies of the Hueco and Mesilla Bolsons. He is the Vice Chairman of Far West Texas Regional Water Planning Group which is responsible for preparing the 2016 Far West Texas Regional Water Plan. The 50-year water plan includes population and demand projections as well as water supply strategies and costs.

Mr. Reinert is on the Board of Directors for the Multi State Salinity Coalition which promotes advancements in technologies for desalination and water reuse. Mr. Reinert earned a bachelor's degree in geology at McMurry College and a master's degree in civil engineering from Colorado State University. He is a registered Professional Geologist and Professional Engineer in Texas and a registered *Certified Scientist in New Mexico*.

### **Gerald D. Shoaf, Esq., Redwine and Sherrill**

Gerry is a native son, having been born in Altadena, California on September 20, 1941. He graduated from San Diego State University in 1964 and UCLA School of Law in 1967. Gerry cut his teeth in an initial trial practice, handling insurance defenses cases based in Riverside until joining the firm of Redwine and Sherrill in February, 1971 to handle water district litigation, primarily for the Coachella Valley Water District and Eastern Municipal Water District.

Over a period of time, Gerry became Maury Sherrill's "backup" in attending water district board meetings and in handling administrative and other non-litigation affairs. When Maury retired in the late 1980's, Gerry became general counsel to a number of the firm's clients including CVWD, EMWD, San Bernardino Valley County Water District (now "West Valley"), Beaumont Cherry Valley and others. He continued to handle litigation for Coachella and Eastern into the 1990's, thereafter deferring those matters to litigation partners and focusing on water rights, administration, etc., i.e., general water district administrative practice.

Gerry has been active in professional and associational organizations, having served as Chair of the WESTCAS Associates and as a member of the WESTCAS Board of Directors; a member of ACWA's State Legislative and Legal Affairs Committees for over 30 years, and a member of CASA's Legal Committee.

### **Maureen A. Stapleton, General Manager, San Diego County Water Authority**

Maureen A. Stapleton is the General Manager of the San Diego County Water Authority, the regional water agency that provides up to 90 percent of all the water used in San Diego County supporting a \$222 billion economy and the quality of life for over 3.3 million residents. Stapleton assumed her duties in January 1996. As General Manager, Stapleton oversees a dynamic agency that is aggressively pursuing a comprehensive array of water supply and infrastructure programs designed to diversify and improve the reliability of San Diego County's water supply.

Ms. Stapleton successfully negotiated the landmark 2003 Colorado River Quantification Settlement Agreement which included the Imperial Irrigation District Water Transfer and the lining of the All American and Coachella canals that together will provide up to 21.4 million acre-feet of water to San Diego County over 110 years. She is also responsible for the implementation of a \$2.8 billion Capital Improvement Program, including the Emergency Storage Project, a system of new and expanded reservoirs, interconnected pipelines and pumping stations designed to make water available to the San Diego region during an emergency.

In addition, the Water Authority is aggressively implementing the addition of desalinated seawater to the region's water supply, strongly promoting water conservation through incentives, assistance programs and outreach, and supporting recycling and reuse projects by its member agencies to further diversify the region's water supply sources.

### **Jayne Strommer, Government Affairs Manager, Delta Diablo**

Jayne Strommer is the Government Affairs Manager for Delta Diablo in Antioch, California, responsible for managing legislative activity and external funding for Delta Diablo projects. She serves as Chair of NACWA's Water Reuse Workgroup and as the Executive Director for the 19-member Western Recycled Water Coalition.

Jayne's 27 years of experience also includes managing regulatory compliance for storm water, drinking water, and wastewater programs. She holds a B.S. in Biology from the University of Minnesota, an M.S. in Biology from Virginia Commonwealth University, and a Master of Public Administration from Golden Gate University.