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PROFESSIONAL EXPERIENCE

August 2014 to present **University of Utah, S.J. Quinney College of Law, Jefferson B. and Rita E. Fordham Presidential Dean, University Distinguished Professor of Law; Adjunct Professor, University of Utah College of Medicine, Department of Pediatric Administration**

July 2013 to July 2014 **University of Utah, S.J. Quinney College of Law, Interim Dean, James I. Farr Presidential Chair, Distinguished Professor of Law; Adjunct Professor, University of Utah College of Medicine, Department of Pediatric Administration**

July 2009 to present **University of Utah, S.J. Quinney College of Law, James I. Farr Chair and Professor of Law; Adjunct Professor, University of Utah College of Medicine, Department of Pediatric Administration**

July 2006 to June 2009 **University of Utah, S.J. Quinney College of Law, Associate Dean for Academic Affairs, James I. Farr Chair and Professor of Law**

July 2002 to June 2006 **University of Utah, S.J. Quinney College of Law, James I. Farr Chair and Professor of Law**

July 1999 to June 2002 **University of Utah College of Law, Professor of Law**

July, 1994 to July 1999 **University of Utah College of Law, Associate Professor**

1993 to 1994 **University of Virginia School of Law, Adjunct Professor**

December, 1987 to July, 1994 **Natural Resources Defense Council, Senior Attorney, Director, Clean Water Project**

1984 to 1987 **Trustees for Alaska - Executive Director, Staff Attorney**

1980 to 1984 **Pennsylvania Department of Environmental Resources, Assistant Counsel**

May to August 1979 Environmental Defense Fund - Legal Intern

August, 1978 to Environmental Law Institute - Research Associate
April, 1979

January to June 1977 Environmental Protection Agency - Assistant Program
Analyst

PROFESSIONAL STATUS -- Admitted to practice in Alaska, District of Columbia, and Pennsylvania. Active bar membership District of Columbia.

TEACHING EXPERIENCE -- Environmental Law, Environmental Practice, Water Law, Natural Resources Law, Water Pollution Law, Environmental Law and Engineering, Wildlife Law, Civil Procedure, Administrative Law, Seminars on Protection of Water Systems, The Colorado River, International Resource Conflicts, Environmental Policy, and Environmental Law and Literature. Co-supervisor, Environmental Law Clinic. Coach, National Environmental Law Moot Court Teams, 2001, 2003, 2004, 2007, 2009, 2012, 2013.

EDUCATION

Georgetown University Law Center - J.D. 1980, cum laude

- Law Review - Editor-in-Chief, Law & Policy in International Business

- Honors - Invitations to all four Georgetown Law Journals (based on top 7% of first year class)
- Dean's List

Johns Hopkins University - B.A. 1977 (Ecology)

PUBLICATIONS

Books

Craig, Adler & Hall, WATER LAW: CONCEPTS AND INSIGHTS (Foundation Press, 2017).

Adler, Craig & Hall, MODERN WATER LAW: PRIVATE PROPERTY, PUBLIC RIGHTS, AND ENVIRONMENTAL PROTECTIONS (Foundation Press 2013).

Driesen, Adler & Engel, ENVIRONMENTAL LAW: A CONCEPTUAL AND PRAGMATIC APPROACH (2d ed. Wolter Kluwer 2011).

Adler, RESTORING COLORADO RIVER ECOSYSTEMS: A TROUBLED SENSE OF IMMENSITY (Island Press, 2007)

Driesen and Adler, ENVIRONMENTAL LAW: A CONCEPTUAL AND PRAGMATIC APPROACH (Aspen Publishers, 2007).

Adler, Landman and Cameron, THE CLEAN WATER ACT -- TWENTY YEARS LATER (Island Press, September, 1993) (Principal Author)

Thompson, Adler and Landman, POISON RUNOFF: A GUIDE TO STATE AND LOCAL CONTROL OF NONPOINT SOURCE WATER POLLUTION (Natural Resources Defense Council, 1989, 484 pp.) (Editor and Contributing Author)

Contributed Book Chapters

Adler, *Communitarianism in Western Water Law and Policy: Was Powell's Vision Lost?* For inclusion in *Vision and Place: John Wesley Powell and Reimagination of the Colorado River Basin* (McCool, Minckley, & Robison, eds.), *in preparation*.

Adler, *Climate Change and Water Law in Agriculture*, in *Research Handbook on Climate and Agricultural Law* (Mary Jane Angelo & Anel Du Plessis, eds., Edward Elgar Publishing, Ltd., 2017).

Adler and Ruple, *Water and Climate Change*, in *Global Climate Change and U.S. Law* (Michael B. Gerrard and Jody Freeman, eds., American Bar Association 2014).

Adler, *Agriculture and Forestry*, in *Research Handbook on Climate Adaptation Law* (Jonathan Verschuren, ed., Edward Elgar Publishing, Ltd. 2013).

Adler, *Managing Water Supplies*, in *The Law of Adaptation to Climate Change: U.S. and International Aspects* (Michael B. Gerrard & Katrina Kuh, eds., American Bar Association 2012).

Adler, *Restoration and Law in Ecosystem Management*, in *Ecosystem Management and the Law* (Robbins Kalyani, ed., Univ. Akron press, 2013).

Adler, *Rethinking Water Law in a Changing Climate*, in *CLIMATE CHANGE, A READER* (William H. Rodgers, et al., eds., Carolina Academic Press, 2011).

Adler, *Legal Framework for the Urban Water Environment*, in *THE WATER ENVIRONMENT OF CITIES* (Larry Baker, ed.) (Springer, 2009).

Adler, *Institutions Affecting the Urban Water Environment*, in *THE WATER ENVIRONMENT OF CITIES* (Larry Baker, ed.) (Springer, 2009).

Adler, *Freshwater: Sustaining Use by Protecting Ecosystems*, in AGENDA FOR A SUSTAINABLE AMERICA (John Dernbach, ed.) (Environmental Law Institute 2009), reprinted in 39 ENV'T L. REPORTER 10,309-10,315 (2009).

Adler, *Overcoming Legal Barriers to Hydrological Sustainability of Urban Systems*, in CITIES OF THE FUTURE: TOWARDS INTEGRATED SUSTAINABLE WATER AND LANDSCAPE MANAGEMENT (Vladimir Novotny and Paul Brown, eds., IWA Publishers 2007)

Adler, *The Law at the Water's Edge: Limits to Ownership of Aquatic Ecosystems*, in WET GROWTH: SHOULD WATER LAW CONTROL LAND USE? (C. Anthony Arnold, ed., Environmental Law Institute, 2005)

Adler, *Fresh Water*, in STUMBLING TOWARD SUSTAINABILITY (John C. Dernbach, ed., Environmental Law Institute, 2002).

Keiter and Adler, *NEPA and Ecological Management: An Analysis with Reference to Military Base Lands*, in Porter & Fittipaldi, eds., ENVIRONMENTAL METHODS REVIEW: RETOOLING IMPACT ASSESSMENT FOR THE NEW CENTURY (AEPI 1998)

Adler, *Filling the Gaps in Water Quality Standards: Legal Perspectives on Biocriteria*, in Davis & Simon, eds., BIOLOGICAL ASSESSMENT AND CRITERIA: TOOLS FOR WATER RESOURCE PLANNING AND DECISION Making (Lewis Publishers 1995)

Adler, *How We Use and Abuse Water*, in THE MOTHER EARTH HANDBOOK 120-34 (Continuum Publishing Co. 1991)

Law Review Articles

Adler, *Coevolution of Law and Science: A Clean Water Act Case Study* (in preparation).

Adler, *Natural Resources and Natural Law Part I: Prior Appropriation*, accepted for publication, William & Mary L. Rev. (publication expected 2019).

Adler, *Renewing the "Social Contract" Between Law Schools, Lawyers, and Society*, 2014 Utah Law Review OnLaw 19, available at <http://epubs.utah.edu/index.php/utahonlaw/article/view/1295/957>.

Adler, *The Death and (Possible) Rebirth of Aspiration in the Clean Water Act*, 90 U. Wash. L. Rev. 759-812 (2013) (reprinted in 2014-2015 Land Use and Environment Law Review).

Adler, *The Ancient Mariner of Constitutional Law: The Declining Role of Navigability*, 90 Wash. U. L. Rev. 1643-1706 (2013).

Adler, *Water and Wastewater Infrastructure in the United States: The Clean Water-Energy-Climate Nexus*, Geo. Wash. Journal of Energy and Environmental Law 1-21 (Summer 2013).

Adler, *Agriculture and Water Quality: A Climate-Integrated Perspective*, 37 Vermont Law Review 847-886 (2013).

Adler, *Balancing Compassion and Risk in Climate Adaptation: U.S. Water, Drought and Agricultural Law*, 64 Florida L. Rev. 201-267 (2012)

Adler, *Resilience, Restoration and Sustainability: Revisiting the Fundamental Principles of the Clean Water Act*, 32 Washington University Journal of Law and Policy 139-173 (2010).

Adler, *Priceline for Pollution: Auctions to Allocate Public Pollution Control Dollars*, 34 William & Mary Journal of Environmental Law and Policy 745-819 (2010).

Adler, *Climate Change and the Hegemony of State Water Law*, 29 Stanford Environmental Law Journal 1-61 (2010).

Adler, *Introduction: Environmental Criminal Prosecution: Essential Tool or Government Overreaching?*, 2009 Utah Law Review 1097-1102 (2009) (symposium introduction).

Adler, *Revisiting the Colorado River Compact: Time for a Change?*, 28 Journal of Land, Natural Resources and Environmental Law 19-47 (2008) (symposium contribution)

Adler, *An Ecosystem Perspective on Collaboration for the Colorado River*, 8 Nevada Law Review 1031-1044 (2008) (symposium contribution)

Adler, *Restoring the Environment and Restoring Democracy: Lessons from the Colorado River*, 25 Virginia Environmental Law Journal 55-104 (2007) (symposium contribution)

Adler, *In Defense of NEPA: The Case of the Legacy Parkway*, 26 Journal of Land, Natural Resources and Environmental Law 297-318 (2006)

Adler, *The Supreme Court and Ecosystems: Environmental Science in Environmental Law*, 27 Vermont Law Review 249-369 (2003)

Adler, *The Two Lost Books in the Water Quality Trilogy: The Elusive Objectives of Chemical, Physical and Biological Integrity*, 33 Environmental Law 29-77 (2003) (selected as one of the thirty best environmental or land use law review articles published in 2003)

Adler, *Water Quality and Agriculture: Assessing Alternative Futures*, 25 *Environ* 77-91 (University of California, Davis) (2002) (symposium contribution)

Adler, *Fresh Water: Toward a Sustainable Future*, 32 *Environmental Law Reporter* 10167-10189 (2002)

Adler, *Controlling Nonpoint Source Water Pollution: Is Help on the Way (From the Courts or EPA)?*, 31 *Environmental Law Reporter* 10270-10282 (2001)

Van de Wetering and Adler, *New Directions in Western Water Law: Conflict or Collaboration?*, 20 *Journal of Land, Resources and Environmental Law* 15 - 40 (2000)

Adler and Straube, *Watersheds and the Integration of U.S. Water Law and Policy: Bridging the Great Divides*, 25 *William & Mary Environmental Law Review* 1-68 (2000)

Adler, *American Trucking and the Revival (?) of the Nondelegation Doctrine*, 30 *Environmental Law Reporter* 10233-10244 (2000)

Adler, *Integrated Approaches to the Water Quality Problem: Lessons from the Clean Air Act*, 23 *Harvard Environmental Law Review* 203-95 (1999) (selected as one of the thirty best environmental or land use law review articles published in 1999)

Adler, *Toward Comprehensive Watershed Restoration and Protection for Great Salt Lake*, 1999 *Utah Law Review* 99-204 (1999)

Adler, *Unfunded Federal Mandates and Fiscal Federalism: A Critique*, 50 *Vanderbilt Law Review* 1137-1256 (1997)

Adler, *Addressing Barriers to Watershed Protection*, 25 *Environmental Law* 973-1106 (1995)

Adler and Lord, *Environmental Crimes: Raising the Stakes*, 59 *George Washington Law Review* 781-861 (April 1991) (reprinted in 23 *Land Use and Environment Law Review* as one of 15 best environmental law review articles published in 1991)

Ferkin and Adler, *Nuclear Litigation 1983*, 25 *Jurimetrics* 340 - 345 (1985) (book review)

Adler, *Administrative Survey - The Nuclear Regulatory Commission*, 11 *Law & Policy in International Business* 235 (1979)

Other Articles and Reports

Adler, R.W., EPA's New Waters of the United States Rule: Connecting Law and Science, 34 Freshwater Science 1595-1600 (2015).

Adler, R.W. *Royal C. Gardner, Lawyers, Swamps and Money: U.S. wetland law, policy and politics* (book review), J. Environ. Stud. Sci. (online, Nov. 16, 2011), DOI 10.1007/s13412-011-0048-6.

Adler, *The Chesapeake Bay and the Future of the Clean Water Act*, National Wetlands Newsletter 33(2): 20-24 (March-April 2011).

Adler, R.W. *The Clean Water Act*, in THE ENCYCLOPEDIA OF SCIENCE AND TECHNOLOGY COMMUNICATION (Susanna Hornig Priest, ed., SAGE, 2010).

Adler, R.W. *Drought, Sustainability and the Law*, 2 Sustainability 2176-2196 (2010), doi: 10.3390/su2072176, available at: <http://www.mdpi.com/2071-1050/2/7/2176/>.

Adler, R.W., *Changing the law-science paradigm for Colorado River restoration*, in Melis, T.S., Hamill, J.F., Coggins, L.C., Jr., Grams, P.E., Kennedy, T.A., Kubly, D.M., and Ralston, B.E., eds., *Proceedings of the Colorado River Basin Science and Resource Management Symposium, November 18-20, 2008: U.S. Geological Survey Scientific Investigations Report 2010-5135*, pp.43-49, available at <http://pubs.usgs.gov/sir/2010/5135/>.

Adler, Book Review, *Dividing Western Waters: Mark Wilmer and Arizona v. California*, 83 Agricultural History 555-557 (2009).

Adler and Straube, *Lessons from Large Watershed Programs, A Comparison of the Colorado River Basin Salinity Control Program with the San Francisco Bay Delta (CALFED) Program, Central and South Florida (Everglades) Project, and Chesapeake Bay Program*, A Report to the National Academy of Public Administration, Learning from Environmental Innovation Project (1999)

Adler, *Wetland and Watershed Protection for Great Salt Lake*, National Wetlands Newsletter (Environmental Law Institute, November-December 1999)

Adler, *New TMDL Litigation Leaves Many Unanswered Questions*, Rivers 6:269-274 (1998)

Adler, *Putting Clean Water Act Compliance in Southwestern Pennsylvania in a National Perspective*, University of Pittsburgh, Institute of Politics Report (1997)

Adler, *The Promises and Perils of Watershed Initiatives*, in *Managing Colorado Watersheds for Riparian and Wetland Values*, Proceedings of the Ninth Annual Conference of the Colorado Riparian Association 1-13 (October 16, 1997)

Adler, *Economic Incentives for Wetlands and Water Quality Protection: A Public Perspective*, in American Bar Association, Section of Natural Resources, Energy and Environmental Law, The 26th Annual Conference on Environmental Law (March 1997), reprinted in The Environmental Counselor, No. 115, at 2-11 (1997)

Adler, *The Impact of Seminole Tribe on Environmental Citizen Suits*, in American Bar Association, Section of Litigation, Environmental Litigation, Midyear Meeting (10 pp., January 1997)

Keiter and Adler, *NEPA and Ecological Management: An Analysis with Reference to Military Base Lands* (prepared under grant from the Sustainable Biosphere Initiative, 1996)

Adler, *Model Watershed Protection*, National Wetlands Newsletter (Environmental Law Institute, July-August 1996)

Adler, *Addressing Barriers to Watershed Management*, in Proceedings, Watershed '96, A National Conference on Watershed Management (Baltimore, MD, June 8-12, 1996)

Adler, *Reauthorizing the Clean Water Act: Looking to Tangible Values*, Water Resources Bull. 30:1-9 (October 1994)

Foran and Adler, *Cleaning Up the Clean Water Act Through Pollution Prevention: Recommendations for Reauthorization*, Issues in Science and Technology 10:33-39 (Winter 1993-94)

Adler, *Returning to the Goals of the Clean Water Act*, Water Resources Update 88:23-30 (1992), revised and reprinted in Waste Management Research Report 4:8-13 (1992)

Adler, *Toxic Pollutant Criteria -- Toward a More Comprehensive Agenda*, in EPA, Water Quality Standards for the 21st Century (May 1991)

***Ebb Tide for Pollution* (43 pp., Natural Resources Defense Council, 1989) (Contributing Author, Project Co-director)**

***Pennsylvania Water Pollution Control Law* (Penn. Bar Institute, 1983) (Co-author)**

***Air and Water Pollution Control: Progress and Problems* (Environmental Law Institute 1978) (Assistant Editor; author of "Mobile Source Regulation" and "Publicly Owned Treatment Works" chapters)**

SELECTED CONFERENCES AND INVITED PRESENTATIONS (1994 – present)

“Perspectives on the Colorado River,” University of Colorado School of Law, June 2017.

“Adapting to Climate-Induced Water Scarcity,” Rocky Mountain Mineral Law Foundation, Natural Resources Law Teachers Institute, Banff, Alberta, May 2017.

“Teaching Ethics, Civility and Professionalism,” Utah Prosecution Council, Logan, UT, April 2017.

“The Future of Legal Education for Administrative Lawyers,” National Association of Administrative Law Judiciary Conference, Salt Lake City, UT, September 2016.

“Colleagues Across the Sea: The Future of Global Legal Education,” Commencement Address, O.P Jindal University Global Law School, India, August 2016.

“The State of Legal Education in 2015,” Federal Bar Association, Salt Lake City, UT, November 2015.

“The Future of Legal Education of Bankruptcy Lawyers,” National Association of Chapter Thirteen Trustees, Salt Lake City, UT, July 2015.

“The Death and (Possible) Rebirth of Aspiration in the Clean Water Act,” Invited Lecture, University of Washington School of Law, Seattle, WA, October 25, 2012.

“Agriculture and Water Quality: A Climate-Integrated Perspective,” Vermont Law School, Inaugural Conference on Agriculture and Food Systems, South Royalton, VT, September 28, 2012.

“The *Clean* Water-Energy-Climate Nexus: Some Unintended Consequences of the Clean Water Act,” George Washington University, The Clean Water Act at 40: The J.B. & Maurice Shapiro Environmental Law Symposium, Washington, D.C., March 23, 2012.

“Ecosystem Complexity and Response Time: What Are the Challenges?,” University of New Mexico School of Law, Albert Utton Center for Transboundary Dispute Resolution, River Restoration: Exploring Institutional Challenges and Opportunities, Albuquerque, N.M., September 14, 2011.

“Who Should be at the Table and What Should They Be Talking About?,” University of Colorado Law School, Navigating the Future of the Colorado River Basin, June 10, 2011.

“Clean Water and Communities: Rights and Responsibilities,” Tanner Center for Nonviolent Human Rights Advocacy Conference, Water, Conflict and Human Rights, Salt Lake City, Utah, February 25, 2011.

“Colorado River Restoration in a Changing Climate,” Moab River Rendezvous, Moab Utah, November 11, 2010

“Legal and Ethical Imperatives for a Conservation Pool for Great Salt Lake,” Friends of Great Salt Lake, Great Salt Lake Issues Forum, University of Utah, April 28, 2010

“Climate Change Adaptation and Sustainability: A Risk Perspective,” University of Utah Department of Economics, Climate Change Panel: Is There Hope after Copenhagen, Salt Lake City, UT, March 5, 2010

“Mitigating Drought in a Warming World,” University of Michigan Law School Lecture Series, Ann Arbor, MI, February 24, 2010

“The Law and Science of Ecosystem Restoration and Protection in a Changing Climate,” National Park Service, Water Resources meeting, Fort Collins, CO, February 10, 2010

“Drought, Climate Change and the Law,” Utah State University, Watershed Sciences Seminar Series, Logan, UT, January 26, 2010

Workshop Presentation, “Resilience, Restoration and Sustainability: Revisiting Some (but not all) of the Fundamental Principles of the Clean Water Act,” Washington University, St. Louis, Missouri, March 2009

Panelist, Adjusting to Less Water: Climate Change and the Colorado River, Glen Canyon Institute, Salt Lake City, Utah, December 4, 2008

“Restoration of Colorado River Ecosystems: Law and Policy Perspectives for Scientists,” at the “Colorado River Science Symposium,” Scottsdale, AZ, November 18, 2008

“Expanding Concepts of Environmental Restoration: Perspectives from the Colorado River,” American Fisheries Society, Portland OR, May 6, 2008

“The Colorado River Compact: Its History, Significance and Future Challenges,” at “Water in Southern Utah: Issues for the 21st Century,” Dixie State College, St. George, Utah, April 12, 2008.

“Prospects for Ecological Restoration in the Colorado River Basin,” University of Colorado College of Law, Natural Resources Law Center, Securing Environmental Flows for the Colorado River in an Era of Climate Change, Challenges and

Opportunities, Boulder, Colorado, March 21, 2008.

“Climate Change and the Hegemony of State Water Law,” Marquette University Law School, Faculty Workshop Series, Milwaukee, Wisconsin, November 13, 2007.

Panel Discussion, “Arizona v. California: The Past, Present and Future of the Colorado River Compact,” University of Utah, S.J. Quinney College of Law, Snell & Wilmer, and the Constitutional Law Section of the Utah Bar, Salt Lake City, Utah, October 25, 2007.

“An Ecosystem Perspective on Collaboration,” University of Nevada, Boyd School of Law and Saltman Center for Conflict Resolution, Collaboration and the Colorado River, Las Vegas, Nevada, October 12, 2007.

“A Multidisciplinary Perspective on the Colorado River,” Utah State University, Water Resources Program Seminar Series, Logan, Utah, September 18, 2007.

“Implications of *Rapanos v. United States* for State and Local Government Protection and Restoration of Wetlands,” Association of State Wetland Managers, Park City, Utah, June 2007.

“Restoring Colorado River Ecosystems: A Troubled Sense of Immensity,” Western Colorado College, Equalizations, Equity and the Environment, Opportunities for the Colorado River Watershed, Gunnison, Colorado, May 2007.

“Rethinking the Colorado River Compact: Time for a Change?,” University of Utah, S.J. Quinney College of Law, 12th Annual Symposium, Wallace Stegner Center for Land, Resources and the Environment, Salt Lake City, Utah, March 3, 2007.

“Overcoming barriers to ecological and hydrological sustainability of urban systems,” Cities of the Future---Blue Water in Green Cities, July 13, 2006, Wingspread Conference Center, Racine, Wisconsin.

“How Citizens can Re-design and Re-define Highway Projects: The role of alternatives analysis under NEPA and the Clean Water Act,” American Planning Association, 2006 National Planning Conference, San Antonio, Texas, April 25, 2006.

“Restoring the Environment and Restoring Democracy, Lessons from the Colorado River,” 25th Anniversary Symposium, Virginia Environmental Law Journal, Charlottesville, Virginia, March 30, 2006.

“The Legacy Parkway: How We Got to Yes,” Natural Resources Law Forum and Wallace Stegner Center for Land, Resources and the Environment Green Bag Series, University of Utah S.J. Quinney College of Law, November 8, 2005.

“Recent Developments in Environmental Law,” Tenth Circuit Judicial Conference (U.S. Court of Appeals for the Tenth Circuit), Deer Valley, Utah, July 2004.

“The Colorado River Basin Salinity Control Program: Potential Application for Everglades Restoration Programs,” Everglades Restoration Conference, Miami Beach, Florida, January 2004.

“Great Salt Lake: Watershed Management, Ecosystem Services, and the Public Trust,” Utah State University, College of Natural Resources Seminar Series, October 15, 2003.

“Burden of Proof, Burden on Science: Law and Science in the Colorado River Basin,” Rocky Mountain Mineral Law Foundation, Natural Resource Law Teachers Conference, Grand Junction, Colorado, June 2003.

“The Law at the Water’s Edge: Limits to Ownership of Aquatic Ecosystems,” Chapman University School of Law and Environmental Law Institute, Wet Growth: Should Water Law Control Land Use?, Anaheim, California, February 7, 2003.

“The Two Lost Books in the Water Quality Trilogy: The Elusive Objectives of Physical and Biological Integrity,” Lewis and Clark Law School and Northwest Environmental Defense Center, The Clean Water Act Turns 30: Celebrating its Past, Predicting its Future, Portland, Oregon, October 17, 2002.

“Water Quality and Agriculture: Assessing Alternative Futures,” University of California, Davis, 16th Annual Environmental Law Conference, Davis, California, March 8, 2002.

“Ecosystem Services and Great Salt Lake: A Framework,” Rocky Mountain Mineral Law Foundation, Natural Resource Law Teachers Conference, Estes Park, Colorado, June 2001.

“The Colorado River Basin Salinity Control Program: Lessons for Nonpoint Source TMDLs,” Michigan State University, Workshop on Nonpoint Source TMDLs, Kalamazoo, Michigan, April 2001.

“Great Salt Lake and the Public Trust,” Utah Wetlands and Riparian Center, The Great Salt Lake, Achieving a Sustainable Future, Salt Lake City, Utah, November 13-14, 2000.

“Managing Across Boundaries: The Clean Water Act,” American Law Institute-American Bar Association, Federal Lands at the Millennium, Jackson, Wyoming, October 5, 2000.

“Lessons from Large Watershed Programs,” National Academy of Public Administration, Innovations for Environmental Protection, Washington, D.C., June 5, 2000.

“Developments in Federal Law Affecting Instream Flow Protection,” American Fisheries Society, Bonneville Chapter, Salt Lake City, Utah, March 15, 2000.

“Why Watershed Protection for Great Salt Lake?,” Third Great Salt Lake Issues Forum, Salt Lake City Utah, February 25, 2000.

Testimony on Proposed Revisions to EPA Water Quality Regulations, before the U.S. Senate, Committee on Agriculture, Nutrition and Forestry, February 23, 2000.

“The Changing Law of Western Rivers: Impacts on Dams in the West,” at Rivers, Dams and the Future of the West, University of Utah, Utah Wetlands and Riparian Center, Salt Lake City, Utah, November 18, 1999.

“Watersheds and the Integration of Water Policy: National and Local Perspectives,” Utah State University, Natural Resource and Environmental Policy Program, Logan, Utah, November 4, 1999.

“New Directions in Water Law and Policy,” Fourth Annual Symposium, Wallace Stegner Center for Land, Resources and the Environment, Where the Rivers Flow, Salt Lake City, Utah, April 17, 1999.

“Wetlands and the Law,” at From Swamps to Wetlands, The Wetlands Conference, University of Utah, Utah Engineering Experiment Station, Salt Lake City, Utah, November 18, 1998.

“Sewer Infrastructure Investments for the 21st Century, Creating Strategic Solutions for Southwestern Pennsylvania, A National Overview and Perspective,” Seminar Cosponsored by the Institute of Politics, University of Pittsburgh and the Heinz Endowments, Pittsburgh, Pennsylvania, November 6, 1998.

Panelist, National Public Radio, Science Friday Special on Great Salt Lake, May 1998.

“Towards Comprehensive Watershed Restoration and Protection for Great Salt Lake,” Friends of Great Salt Lake, Second Great Salt Lake Issues Forum, Salt Lake City, Utah, February 1998.

Transportation, Land Use and Ecology Along the Wasatch Front, Conference Organizer, Wallace Stegner Center for Land, Resources and the Environment, University of Utah College of Law, Salt Lake City, Utah, November 1997.

“The Promises and Perils of Watershed Initiatives,” Keynote Presentation to the Ninth Annual Conference of the Colorado Riparian Association, Montrose, Colorado, October, 1997.

“Conservation Programs and Water Quality: Where Are We Now?,” National Association of Conservation Districts, Pacific Region, Kawai, Hawaii, September 1997.

“Total Maximum Daily Loads: Lessons from the Clean Air Act,” Western States Nonpoint Source Pollution Conference, Park City, Utah, August 1997.

To Cherish and Renew, Restoring Western Communities and Ecosystems, Conference Organizer, Wallace Stegner Center for Land, Resources and the Environment, University of Utah College of Law, Salt Lake City, Utah, April 1997.

“Economic Incentives for Wetlands and Water Quality Protection: A Public Perspective,” American Bar Association, Section of Natural Resources, Energy and Environmental Law, The 26th Annual Conference on Environmental Law, Keystone, Colorado, March 1997.

“The Impact of *Seminole Tribe* on Environmental Citizen Suits,” American Bar Association, Section of Litigation, Environmental Litigation, Midyear Meeting, Snowbird, Utah, February 1997.

“Principles of Watershed Protection,” Watershed Management Committee of the National Research Council, Water Science and Technology Board, Irvine, California, January 1996.

“Addressing Barriers to Watershed Management,” Watershed 96, Moving Ahead Together, Baltimore, Maryland, June 1996.

“Watershed Planning: Potential Applications for Great Salt Lake,” Friends of Great Salt Lake, First Great Salt Lake Issues Forum, Salt Lake City, Utah, February 1996.

“Watershed Management to Address Agricultural Pollution: Past, Present and Future,” The Influence of Social Trends on Agriculture and Natural Resources, A Resource Conservation Act Symposium, Natural Resources Conservation Service, Washington, D.C., July 1995.

“The Urban Watershed: Moving Beyond the Rhetoric,” Association of Metropolitan Sewerage Agencies, 1995 Winter Technical Conference, Tucson, Arizona, February 1995.

“Water Quality Protection and the New World Gold Mine,” University of Utah College of Law, National Parks and Public Land Ecosystems: Meeting the challenge of Common Boundaries and Conflicting Mandates, Snowbird, Utah, April 1995.

Panelist, National Public Radio Special on Water in the West, at the Western States Nonpoint Source Pollution Conference, Park City, Utah, September, 1994.

AWARDS, AFFILIATIONS, PUBLIC SERVICE AND PROFESSIONAL ACTIVITIES

Awards

University of Utah, S.J. Quinney College of Law, Faculty Scholarship Award, May 2012
University of Utah, S.J. Quinney College of Law, Faculty Service Award, May 2010

Outstanding Service Award (Educator), American Water Resources Association, Utah Chapter, June 2008

Pfeifferhorn Award, presented by coalition of Utah environmental groups for environmental leadership and volunteer activities, 2002

University of Utah, S.J. Quinney College of Law, Peter W. Billings Excellence in Teaching Award, 1999-2000

Co-recipient, National Performance Review "Hammer Award" from Vice President Al Gore as member of EPA Combined Sewer Overflow (CSO) Negotiating Team (1995)

President's Award, America's Clean Water Foundation, October, 1992 (Twentieth Anniversary Clean Water Act Award)

College of Law and University Service

Dean, July 2014 to present

Co-Chair, General Counsel Search Committee (2016)

Co-Chair, College of Humanities Dean Search Committee (2014-2015)

Interim Dean (effective July 2013 – June 2014)

Associate Dean for Academic Affairs, July 2006 – June 2009. Directed Graduate Council self-study and review process and ABA/AALS sabbatical self-study and site visit process

Co-chair, Dean Search Committee (2005-2006) (with the Dean of the College of Social and Behavioral Sciences)

Interim Director, Wallace Stegner Center for Land, Resources and the Environment (one academic year (1999-2000) and one semester (spring 2003), while full-time director was on sabbatical and leave)

Law School Committees – Admissions; Building Design (Chair 2013-2014); Buildings and Facilities; Curriculum (Chair 2011-2012); Faculty Development; Nominations; Readmissions; Retention, Promotion and Tenure (Chair, 2001-2005); Stegner Center

University Committees -- RPT Standards Committee, Biosafety Committee, Radiation Safety Committee, Academic Tenure and Freedom Committee, Graduate Council Review Committee for College of Architecture and Planning, Graduate Council Review Committee for Department of Philosophy (Chair), President's Sustainability Advisory Council, Council of Academic Deans, Task Force on University Fundraising

Community Service and *Pro Bono* Activities

Utah Supreme Court Steering Committee on Licensed Paralegal Practitioners, 2015 to present (Education Subcommittee Co-Chair)

Utah Supreme Court Task Force on Limited Licensed Legal Technicians (LLTs); Chair, LLT Workgroup, 2015

Member Scholar, Colorado River Research Group, 2014 to present

***Ex officio* Member, Utah Bar Commission, 2013 to present**

Member Scholar, Center for Progressive Reform, 2005-present

Represented The Honorable G. Tracy Mehan, III, former Assistant Administrator for Water, U.S. Environmental Protection Agency, as *Amicus Curiae* before the U.S. Supreme Court in *Coeur Alaska, Inc. v. Southeast Alaska Conservation Council* (co-counsel with Professor Amy Wildermuth), brief filed November, 2008

Represented Congressman John D. Dingell as *Amicus Curiae* before the U.S. Supreme Court in *Rapanos v. United States* (co-counsel with Professor Amy Wildermuth and Professor Kim Diana Connolly)

Represented Congressman John D. Dingell as *Amicus Curiae* before the U.S. District Court for the District of Columbia in *American Petroleum Institute v. Leavitt*, brief submitted October, 2004

Represented coalition of environmental and transportation advocacy groups in administrative comments and ensuing litigation and settlement negotiations in *Utahns for Better Transportation v. Federal Highway Administration* (Legacy Parkway)

Assisted coalition of environmental and transportation advocacy groups in administrative comments and ensuing negotiations regarding Mountain-view transportation corridor

Advised coalition of environmental and quasi-governmental organizations on amendments to the federal Clean Water Act in response to U.S. Supreme Court decision in *United States v. Rapanos*

Steering Committee, Great Salt Lake Water Quality Standards Development, Utah Department of Environmental Quality, 2004 to 2007

Advisory Board, Friends of Great Salt Lake, 1995 - present

Federal (EPA) Advisory Committee on TMDLs (Total Maximum Daily Loads under the Clean Water Act), October, 1996 - 1998

Conservation Chair, HawkWatch International, 1999 -2002

Board, Utah School of Jewish Studies, 2000-2002

Task Force on Assessing Costs of Unfunded Federal Mandates, U.S. Advisory Commission on Intergovernmental Relations, 1994

Chair, National Clean Water Network, 1990 - 1994 (Network of over 400 national, regional and local organizations working on Clean Water Act reauthorization)

Vice Chair, Water Quality 2000, 1988 - 1994 (Multi-interest group negotiation on long- range U.S. water pollution policy)

Management Advisory Group to Assistant Administrator for Water, U.S. Environmental Protection Agency, 1991- 1994

League of Conservation Voters, Political Advisory Council, 1991 - 1994

Anchorage Health and Human Services Commission, 1985-1987

Anchorage Wastewater System Technical Review Board, 1986-1987

Founding Board Member, Anchorage Waterways Council, 1985-1987