**Dave Owen**

University of California College of the Law, San Francisco

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**Academic Employment**

Harry D. Sunderland Professor of Law and Associate Dean for Research, UC Law San Francisco

*Rutter Award for Teaching Excellence, 2017*

Visiting Professor of Law, Stanford Law School, Spring 2022 and Spring 2024

Professor of Law and Associate Dean for Research, University of Maine School of Law (2013-15)

Visiting Professor of Law, University of San Diego School of Law (Spring 2014)

Associate Professor of Law, University of Maine School of Law (2007-13)

Affiliated Scholar, Center for Progressive Reform (2014 – present)

Courses taught: Administrative Law, Energy Law, Environmental Justice, Environmental Law, Land Use, Legislation and Administrative Regulation, Natural Resources, Ocean and Coastal Law, Water Law

**Publications**

 **Books**

*Natural Resources Law: A Place-Based Book of Problems and Cases* (Aspen, 5th ed. 2022) (with Christine Klein, Bret Birdsong, Alexandra Klass, and Eric Biber).

*Practicing Environmental Law* (Foundation Press, 2nd ed. 2021) (with Todd Aagaard & Justin Pidot).

*Selected Environmental Statutes* (West Academic, 2023) (with Todd Aagaard).

 **Articles**

*The Water District and the State*, 134 Yale L.J. \_\_ (forthcoming).

[*Community Energy Exit*,](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4368686) 73 Duke L.J. 251 (forthcoming 2023) (with Sharon Jacobs).

[*The Negotiable Implementation of Environmental Law*](https://www.stanfordlawreview.org/print/article/the-negotiable-implementation-of-environmental-law/), 75 Stan. L. Rev. 137 (2023). Selected for reprinting in *Environmental Law and Policy Annual Review*, 54 Env’t L. Rep. \_\_ (forthcoming 2024), as one of the top three policy-relevant environmental law articles of 2023.

[*The Realities of Takings Litigation*](https://digitalcommons.law.byu.edu/cgi/viewcontent.cgi?article=3350&context=lawreview), 47 BYU L. Rev. 577 (2022). Selected for reprinting in the *Zoning and Planning Law Handbook* (2024).

[*Law, Land Use, and Groundwater Recharge*](https://www.stanfordlawreview.org/print/article/law-land-use-and-groundwater-recharge/)*,* 73 Stan. L. Rev. 1163 (2021). Selected for reprinting in 53 Land Use & Envtl. L. Rev. (2022) as one of the top five environmental law articles of 2021.

[*Coequal Federalism and Federal-State Agencies*](https://www.georgialawreview.org/article/18636-coequal-federalism-and-federal-state-agencies), 55 Ga. L. Rev. 287 (2020) (with Hannah Wiseman).

[*Consultants, the Environment, and the Law*](https://arizonalawreview.org/consultants-the-environment-and-the-law/), 61 Ariz. L. Rev. 823 (2019).

[*Private Facilitators of Public Regulation: A Study of the Environmental Consulting Industry*](https://onlinelibrary.wiley.com/doi/full/10.1111/rego.12284)*,* Regulation and Governance (2019).

[*California Groundwater Management, Science-Policy Interfaces, and the Legacies of Artificial Legal Distinctions*](https://iopscience.iop.org/article/10.1088/1748-9326/ab0751/pdf), Environmental Research Letters (2019) (with Alida Cantor et al.).

[*Cooperative Subfederalism*](https://www.law.uci.edu/lawreview/vol9/no1/Online_Owen.pdf), 9 UC Irvine L. Rev. 177 (2018).

[*Federal Laboratories of Democracy*](https://lawreview.law.ucdavis.edu/issues/52/2/Articles/52-2_Wiseman_Owen.pdf), 52 UC Davis L. Rev 1119 (2018) (with Hannah Wiseman).

[*Water and Taxes*](https://lawreview.law.ucdavis.edu/issues/50/4/Articles/50-4_Owen.pdf), 50 U.C. Davis L. Rev. 1559 (2017).

[*Little Streams and Legal Transformations*](http://dc.law.utah.edu/ulr/vol2017/iss1/1/), 2017 Utah L. Rev. 1.

[*Regional Federal Administration*](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2570651), 63 UCLA L. Rev. 58 (2016). Selected for reprinting in 48 Land Use & Env’t L. Rev. (2017) as one of the top five environmental law articles of 2015-16.

[*The Importance of Institutional Design for Distributed Local-Level Governance of Groundwater: The Case of California’s Sustainable Groundwater Management Act*](http://www.mdpi.com/2073-4441/9/10/755/pdf), MDPI Water (2017) (with Michael Kiparsky et al.).

[*Predicting stream vulnerability to urbanization stress with Bayesian network models*](https://www.researchgate.net/publication/321133647_Predicting_stream_vulnerability_to_urbanization_stress_with_Bayesian_network_models), Landscape and Urban Planning (2017) (with Kristen K. Weil et al.).

[*Trading Dams*](http://lawreview.law.ucdavis.edu/issues/48/3/Articles/48-3_Owen-Apse.pdf), 48 U.C. Davis L. Rev. 1043 (2015) (with Colin Apse). Recipient of the Morrison Prize for Sustainability Scholarship; selected for presentation at the 2014 Harvard-Stanford-Yale Junior Faculty Forum.

[*Interdisciplinary Research and Environmental Law*](http://scholarship.law.berkeley.edu/cgi/viewcontent.cgi?article=2080&context=elq), 41 Ecology L.Q. 887 (2015) (coauthored with Caroline Noblet). Selected for presentation at the 2014 Harvard-Stanford-Yale Junior Faculty Forum.

[*Overallocation, Conflict, and Water Transfers*](http://iopscience.iop.org/1748-9326/9/9/091005), 9 Env’t Res. Letters (2014)

[*Taking Groundwater*](http://openscholarship.wustl.edu/cgi/viewcontent.cgi?article=6043&context=law_lawreview), 91 Wash. U. L. Rev. 253 (2014).

[*Mapping, Modeling, and the Fragmentation of Environmental Law*](http://epubs.utah.edu/index.php/ulr/article/view/1093/806), 2013 Utah L. Rev. 219. Reprinted in46 Land Use & Env’t L. Rev. (2015) as one of the top six environmental law articles of 2013-14. Reprinted in the *Environmental Law and Policy Annual Review*, 45 Env’t L. Rep. 10796 (2015) for receiving honorable mention as one of the top environmental law and policy articles of 2013.

[*The Mono Lake Case, The Public Trust Doctrine, and the Administrative State*](http://lawreview.law.ucdavis.edu/issues/45/3/Topic/45-3_Owen.pdf), 45 U.C. Davis L. Rev. 1099 (2012)

[*Critical Habitat and the Challenge of Regulating Small Harms*](http://scholarship.law.ufl.edu/cgi/viewcontent.cgi?article=1016&context=flr), 64 Florida L. Rev. 141 (2012). Reprinted in the *Environmental Law and Policy Annual Review*, 43 Env’t L. Rep. 10662 (2013), as one of the top three policy-relevant environmental law and policy articles of 2012.

[*Urbanization, Water Quality, and the Regulated Landscape*](http://lawreview.colorado.edu/wp-content/uploads/2013/11/9.-Owen-final_s.pdf)*,* 82 U. Colorado L. Rev. 431 (2011). Selected for presentation at the 2010 Stanford-Yale Junior Faculty Forum.

[*Collaboration, Clean Water Act Residual Designation Authority, and Collective Permitting: A Case Study of Long Creek*](http://www.cwp.org/images/stories/bulletinissues/WSB_Fall2010.pdf), 1 Watershed Sci. Bulletin 25 (2010) (with Curtis Bohlen et al.).

[*Probabilities, Planning Failures, and Environmental Law*](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1353628), 84 Tulane L. Rev. 265 (2009), Reprinted in42 Land Use & Env’t L. Rev. (2011) as one of the top five environmental law articles of 2009-10.

[*Legal constraints, environmental variability, and the limits of innovative environmental governance*](http://www.sciencedirect.com/science/article/pii/S1462901108001081), 12 Env’t Sci. & Pol’y 684 (2009).

[*Explaining the Klamath*](http://onlinelibrary.wiley.com/doi/10.1111/j.1523-1739.2008.01105.x/abstract), 22 Conservation Biology 1664 (2008) (book review).

[*Climate Change and Environmental Assessment Law*](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1029196), 33 Colum. J. Env’t L. 57 (2008).

[*Law, Environmental Dynamism, Reliability: The Rise and Fall of CALFED*](http://law.lclark.edu/live/files/16387-37-4owen)*,* 37 Env’t L. 1145 (2008).

[*Technocracy and Democracy:* *Conflicts Between Models and Participation in Environmental Law and Planning*](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1009271), 56 Hastings L.J. 901 (2005) (co-authored with James Fine).

[*The Disappointing History of the National Marine Sanctuaries Act*](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1009269), 11 N.Y.U. Env’t L.J. 711 (2003).

[*Prescriptive Laws, Uncertain Science, and Political Stories: Forest Planning in the Sierra Nevada*](http://scholarship.law.berkeley.edu/cgi/viewcontent.cgi?article=1698&context=elq), 29 Ecology L.Q. 747 (2003).

  **Book Chapters, Essays, Briefs, and Other Publications**

[Sackett v. Environmental Protection Agency *and the Rules of Statutory Misinterpretation*](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4539833), 48 Harv. Env’t L. Rev. \_\_ (forthcoming 2024).

*[Five Guiding Principles for Effective Voluntary Agreements: A Case Study on VAs for Water and Habitat in California’s Bay-Delta Watershed](https://www.law.berkeley.edu/research/clee/research/wheeler/water-allocation/voluntary-agreements/)* (2024) (with Felicia Marcus, Nell Green Nylen, and Michael Kiparsky).

*[Field Notes from an Alternative Water Quality Reality](https://scholarlycommons.law.case.edu/cgi/viewcontent.cgi?article=5002&context=caselrev)*, 73 Case Western L. Rev. 441 (2023).

[*Managing Water Scarcity: A Framework for Fair and Effective Water Right Curtailment in California*](https://www.law.berkeley.edu/research/clee/research/wheeler/water-allocation/curtailments/)(2023) (with Nell Green Nylen, Michael Kiparsky, Jennifer Harder, and Michael Hanemann).

Briefs of Members of Congress in Support of Plaintiffs Challenging the Navigable Waters Protection Rule (multiple courts 2020-21).

[*The Law and Ecology of Dam Removals*](https://repository.uclawsf.edu/cgi/viewcontent.cgi?article=2886&context=faculty_scholarship), 2020. No. 3 Rocky Mtn. Min. L. Found. Spec. Inst.: Water L. Inst. (2020) (with Kim Sager-Fradkin).

Comments of the Center for Progressive Reform on the Proposed Waters of the United States Rule, April 15, 2019.

*Law Professors’ Amicus Brief, Baley v. United States* (Fed. Cir. 2018).

[*Addressing Institutional Vulnerabilities in California’s Drought Water Allocation*](https://www.law.berkeley.edu/research/clee/research/wheeler/drought-water-allocation/) (2018) (with Nell Green Nylen et al.).

[*The Conservative Turn against Compensatory Mitigation*](http://elawreview.org/articles/volume-48/conservative-turn-compensatory-mitigation/), 48 Env’t L. 265 (2018).

[Navigating Groundwater-Surface Water Interactions under the Sustainable Groundwater Management Act](https://www.law.berkeley.edu/wp-content/uploads/2018/03/Navigating_GW-SW_Interactions_under_SGMA.pdf) (2018) (with Alida Cantor et al.).

*Brief of Amicus Curiae Law Professors*, San Francisco Baykeeper v. California State Lands Commission (Cal Ct. App. 2018).

[*Auctions, Taxes, and Air*](https://www.uclalawreview.org/auctions-taxes-air/), 65 UCLA L. Rev. Discourse 64 (2017).

Comments of the Center for Progressive Reform on the Proposed Waters of the United States Rule, Sept. 25, 2017.

*The Future of Natural Resources Law*, 47 Envtl. L. Rep. News & Analysis 10197 (2017).

*Brief of Members of Congress as Amici Curiae in Support of Respondents*, In re Environmental Protection Agency and Dept. of Defense, Final Rule: Clean Water Rule (6th Cir. 2017) (with Jamison Colburn, Kim Dianna Connolly, and Sam Kalen).

*After the TMDLs,* 17 Vt. J. Envtl. L. 841 (2016).

*The Law of Environmental Planning*, in Environmental Decision Making (Lee Paddock & Robert Glicksman, eds. 2016).

*Brief of Amicus Curiae Law Professors*, Mineral County et al. v. Walker River Irrigation District et al., (9th Cir. 2016) (with Richard M. Frank).

Designing Effective Groundwater Sustainability Agencies: Criteria for Evaluation of Local Governance Options(with Michael Kiparsky et al.).

*Brief of Amicus Curiae Law Professors*, San Francisco Baykeeper v. California State Lands Commission (Cal Ct. App. 2015).

[*The Endangered Species Act*](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2354018), in Global Climate Change and United States Law (Michael B. Gerrard and Jody Freeman eds., 2nd ed. 2014).

*Brief of Amicus Curiae Law Professors*, *Siskiyou County Farm Bureau v. California Department of Fish & Wildlife* (Cal. Ct. App. 2014).

*Proposed Regulation of Greenhouse Gas Would Benefit Nation, World, Maine*, Portland Press Herald, June 17, 2014.

Dave Owen & Sean Mahoney, *Waterfront Ordinance Protects Quality of Life and Existing Uses*, Portland Press Herald, October 19, 2013.

[*Environmental Groups File Residual Designation Authority Petitions for EPA Regions 1, 3, and 9*](http://nsglc.olemiss.edu/SandBar/archives/vol12/4/index.html), The SandBar, October, 2013.

Robert J. Lilieholm et al., [*Alternative Futures Modeling in Maine’s Penobscot River Watershed: Forging a Regional Identity for River Restoration*](https://www.lincolninst.edu/pubs/2092_Alternative-Futures-Modeling-in-Maine-s-Penobscot-River-Watershed--Forging-a-Regional-Identity-for-River-Restoration), Lincoln Institute for Land Policy Working Paper (2012).

[*Sea Level Rise and the Endangered Species Act*](http://digitalcommons.law.lsu.edu/cgi/viewcontent.cgi?article=6391&context=lalrev), 73 Louisiana L. Rev. 119 (2012).

Brian Lessels and Dave Owen, Legal Liabilities for Salt Use Reduction (November 2011) (prepared for the Maine Salt Management Task Force).

Joseph L. Sax and David R. Owen, *Brief of Amici Curiae Law Professors in Support of The United States Petition for Rehearing and/or Rehearing En Banc, Casitas Municipal Water District v. United States* (Fed. Cir. 2008).

Note, *Gibbs v. Babbitt*, 28 Ecology L.Q. 377 (2001).

Editor, Environmental Law Profs Blog, http://lawprofessors.typepad.com/environmental\_law/, August 2011 – present.

**Other Research Activities**

Member, Committee to Review the Long-term Operations of the Central Valley Project and State Water Project, National Academies of Science, Engineering, and Medicine

Advisory Board Member, Center for Law, Energy, and Environment, University of California, Berkeley School of Law

**Presentations, Lectures, and Workshops**

Challenges of Groundwater Recharge Accounting, American Geophysical Union Annual Conference, December 2023

Implications of Sackett v. EPA, California Water Quality Coordinating Committee, October 2023

Moderator, The Incredible Shrinking Clean Water Act Panel, Yosemite Environmental Law Conference, October 2023

Planning for Water Rights Curtailments, Legislative Briefing, Sacramento, June 15, 2023

Testimony before the California Senate Natural Resources Committee, April 25, 2023

Wildfire Smoke, Public Health, and Environmental Law, University of California Law, San Francisco, February, 2023

Testimony Before the House of Representatives Water and Environment Subcommittee, February 8, 2023

Community Energy Exit, Harry D. Sunderland Lecture, University of California Law, San Francisco, January, 2023

Takings Litigation in the Court of Federal Claims, 2000-2014, Court of Federal Claims Annual Conference, October, 2022

Panelist, West Virginia v. EPA, Stanford Law School, October 2022

The Realities of Takings Litigation, Brigham-Kanner Property Rights Conference, William & Mary Law School, September, 2022

An Overview of Groundwater Recharge Law, Annual Meeting, Board of Earth Sciences and Resources, Water Science and Technology Board, National Academies of Sciences, Engineering, and Medicine, May, 2022

Dispatches from an Alternate Water Quality Reality, Clean Water Act at 50 Conference, Case Western Reserve Law School, April, 2022

Putting Water in the Ground, Center for Law, Energy, and the Environment, Berkeley Law, January, 2022

Panelist, La Doctrina del Public Trust y Politicas de Aguas en Una Nueva Constitucion para Chile, November, 2021

The Realities of Takings Litigation, Society for Environmental Law and Economics Annual Conference, June 11, 2021

The Negotiable Implementation of Environmental Law, Natural Resources Law Teachers Works-in-Progress Conference, June 4, 2021

Law, Land Use, and Groundwater Recharge, Sustainability Conference for Legal Educators, Arizona State University, May 14, 2021

Discussant, Groundwater Reserved Rights Panel, Society for Benefit-Cost Analysis, March 19, 2021

On-Line Environmental Law Professors’ Colloquium, March 4, 2021

Moderator, In-Stream Flows and Species Protection Panel, California Water Law Symposium, January 30, 2021

Water Law Works-in-Progress Conference, December 4, 2020

The Law and Ecology of Dam Removal, Rocky Mountain Mineral Law Foundation Fall Meeting, November 19, 2020

Takings Litigation Outside the Spotlight, UC Davis Law School Research Colloquium, November 9, 2020; Texas A&M Environmental Law Works-in-Progress Colloquium, August 28, 2020

Law, Land Use, and Groundwater Recharge, Environmental Law Scholarly Colloquium, University of Arizona, February 2020

Panelist, Incentives for Groundwater Recharge Conference, Berkeley Law, September, 2019.

Panelist, California Water Policy Conference, San Diego, April 2019.

Introductory speaker and faculty advisor, California Water Law Symposium, San Francisco, February 2019.

Panelist, California State Water Resources Control Board Groundwater-Surface Water Interactions Workshop, Sacramento, December 2018.

Panelist, Association of California Water Agencies’ Annual CLE Conference, San Diego, November, 2018.

Panelist, *Recent Environmental Law Cases in the Federal Courts*, San Francisco Bar Association, September, 2018.

Harry D. Sunderland Lecture, UC Hastings, September, 2018

*Consultants, the Environment, and the Law*, Society for Environmental Law and Economics, Chicago, June 2018.

*The Conservative Turn against Compensatory Mitigation*, Lewis & Clark School of Law, March, 2018

Panelist, Empirical Environmental Scholarship, AALS Annual Meeting, January, 2018

Moderator, *Environmental Deregulation in the Trump Era*, UC Hastings School of Law, November, 2017.

Panelist, *Water and Social Justice*, UC/CEB Public Service Law Conference, UCLA Law School, September, 2017.

Panelist, Recent Environmental Law Cases in the Federal Courts, San Francisco Bar Association, September, 2017.

*Water and Taxes*, Pace University Law School and University of Maryland School of Law, January 2017

*Moderator, Delta Land Use Panel*, California Water Law Symposium, University of San Francisco School of Law, January 2017

Panelist, *The Future of Natural Resources Law*, United States Department of Justice, November 2016

*Panelist, Water Rights Reform*, California State Bar Environmental Law Conference, October, 2016.

*Technology and Environmental Compliance*, International General Counsel Symposium, UC Hastings, September, 2016

*Trading Dams*, Second Annual Sustainability Conference of American Legal Educators, Arizona State University School of Law, May, 2016

*The Evolving Law of Headwater Streams*, University of San Francisco School of Law, February, 2016

*Moderator, Urban Stormwater Recovery Panel*, California Water Law Symposium, University of the Pacific/McGeorge School of Law, January, 2016

*The Evolving Law of Headwater Streams,* University of California, Berkeley School of Law, January, 2015

*The Evolving Law of Headwater Streams*, UCLA Law School, November, 2015

[*After the TMDLs*](https://www.youtube.com/watch?v=koCsT0xHuP8), Vermont Law School, October, 2015 (keynote address)

[Stegner Center Young Scholar Lecture](https://www.youtube.com/watch?v=IX2BYIwnGYw), University of Utah, S.J. Quinney School of Law, October, 2015

*Moderator, Water Law Panel,* Natural Resources Law Teachers’ Institute, Salt Lake City, Utah, May, 2015.

*Regional Federal Administration*, Florida State University Law School, February 2015.

*Regional Federal Administration*, University of Tel Aviv, January, 2015.

[*Trading Dams*](https://vimeo.com/114553148), Mitchell Center for Watershed Research, University of Maine, October, 2014.

*Trading Dams*, Harvard-Stanford-Yale Junior Faculty Forum, Stanford Law School, June, 2014.

*Interdisciplinary Research and Environmental Law*, Harvard-Stanford-Yale Junior Faculty Forum, Stanford Law School, June, 2014

*TMDLs 2.0*, National Association of Attorneys General, Little Rock, Arkansas, April, 2014.

*Trading Dams*, University of Denver School of Law, February, 2014.

*Interdisciplinary Research and Environmental Law,* University of California, Berkeley School of Law, February, 2014.

*Trading Dams*, University of San Diego School of Law, January, 2014.

*The Penobscot River Restoration Project and the Future of Hydropower Law*, Camden Conference/Portland Public Library, December, 2013.

*The Law of Stormwater*, Maine Stormwater Conference, South Portland, ME, November, 2013.

*Trading Dams: The Penobscot River Restoration Project and the Future of Hydropower Law*, Bates College, November, 2013.

*Trading Dams*, Vermont Law School Environmental Law Colloquium, October, 2013.

*Critical Habitat and the Consultation Process*, Natural Resources Law Teachers’ Institute, Flagstaff, AZ, May 2013.

*The Clean Water Act Goes to the Mall*, Bates College, May, 2013.

*Critical Habitat and the Challenge of Regulating Small Harms*, Environmental Law and Policy Annual Review Conference, Washington, D.C., March 2013.

*Taking Groundwater*, Conference on Litigating Regulatory Takings, University of California, Hastings School of Law, November 9, 2012.

*Mapping, Modeling, and the Fragmentation of Environmental Law*, University of Washington Junior Environmental Scholars Colloquium, Seattle, Washington, July, 2012.

*Maine Water Law: Putting it all Together*, CLE Seminar, South Portland, Maine, April 2012.

*Sea Level Rise and the Endangered Species Act*, Symposium: Coastal Land Loss in the Gulf Coast and Beyond, Louisiana State University Law Center, March 2012.

*Mapping, Modeling, and the Fragmentation of Environmental Law*, Association for Law, Property, and Society Annual Meeting, Georgetown University Law School, March 2012.

*Critical Habitat and the Challenge of Regulating Small Harms*, United States Department of Justice, Environmental and Natural Resources Division, March, 2012.

*Mapping, Modeling, and the Integration of Environmental Law*, University of Maine Sustainability Solutions Institute, January 2012.

*Maps, Models, and the Integration of Environmental Law*, Vermont Law School Environmental Law Colloquium, September 2011.

Maine Water Conference: Conference Co-Chair; Chair, Panel on Urban, Urbanizing, and Undeveloped Watersheds, Augusta, Maine, March 16, 2011.

*Administering an Ecological Public Trust*, Symposium: The Public Trust Doctrine: 30 Years Later, University of California, Davis School of Law, March, 2011.

*The Curious Case of Critical Habitat*, Vermont Law School, October, 2010.

*Urbanization, Water Quality, and the Regulated Landscape*, Vermont Law School Environmental Law Colloquium, October 2010.

*Urbanization, Water Quality, and the Regulated Landscape*, Yale-Stanford Junior Faculty Workshop, Yale Law School, June 2010.

Panelist, *When State Law Conflicts with Good Planning*, Maine State Planning Association, June 2010.

*Is Regulation of Water Rights a Taking?*, Georgetown-Vermont Annual Conference on Litigating Regulatory Takings, Vermont Law School, November, 2009.

*Urbanization, Water Quality, and the Regulated Landscape*, University of Maine Department of Wildlife Ecology, October 2009.

*Litigating Climate Change*, Presentation to the Maine Judicial Council, July, 2009.

*Physically Taking the Intangible: The Federal Circuit’s Decision in* Casitas Municipal Water District v. United States, Federal Circuit Bar Association Panel, March 2009.

Panelist, Conference on NEPA and Climate Change, Villanova Law School, October 2008.

*‘The Most Complex and Extensive Ecosystem Restoration Project Ever Proposed': Lessons from the CALFED Program*, Senator George J. Mitchell Center for Environmental and Watershed Research, University of Maine, Orono, April, 2008.

**Education**

University of California, Berkeley School of Law, J.D. 2002

*Honors: Order of the Coif*

*Activities: Editor-in-Chief, Ecology Law Quarterly*

Amherst College, B.A., Geology 1996

*Honors: Magna cum laude*

**Prior Employment**

2003-2007 Associate Attorney, Rossmann and Moore, San Francisco, California.

*Sample projects included representing Nevada in its opposition to the Yucca Mountain Nuclear Waste Repository; representing environmental groups in opposition to increased water withdrawals from the Sacramento-San Joaquin Bay-Delta; representing Imperial County, California in litigation over Colorado River Water transfers; defending Imperial County against takings claims based on regulation of groundwater rights; and representing parties in multiple FERC relicensing proceedings.*

2002-2003 Clerk to Judge Samuel Conti, United States District Court, Northern District of California.

1996-2000 Geologist/Environmental Auditor, Woodard & Curran, Inc., Dedham, Massachusetts.