
About the Authors

Robert W. Adler is the James I. Farr chair and professor at the University of Utah S.J. Quinney College of Law. Professor Adler's books include *Restoring Colorado River Ecosystems: A Troubled Sense of Immensity* (2007), *Environmental Law: A Conceptual and Pragmatic Approach* (with Driesen and Engel, 2d ed. 2007), and *The Clean Water Act: Twenty Years Later* (with Landman and Cameron, 1993). He has also written law review and other articles and book chapters on a wide range of issues regarding water quality and quantity, as well as their relationship to climate change. Professor Adler has represented members of Congress and former EPA managers in amicus briefs before the U.S. Supreme Court and other courts. He has also represented Utah and national environmental groups in pro bono litigation, and has served on the boards of a number of local and national organizations and advisory groups, including FRIENDS of Great Salt Lake, Hawkwatch International, EPA's Federal Advisory Committee on TMDLs, and a Taskforce on Unfunded Federal Mandates for the U.S. Advisory Commission on Intergovernmental Relations.

Vicki Arroyo is executive director of the Georgetown Climate Center of Georgetown University Law Center where she is also a visiting professor, teaching experiential classes on climate change law and policy. She oversees the Climate Center's work on climate change mitigation and adaptation at the state and federal level. She previously served at the Pew Center on Global Climate Change, most recently as vice president for policy analysis and general counsel. For over a decade, Ms. Arroyo directed Pew's policy analysis, science, adaptation, economics, and U.S. policy programs. She has worked at all levels of government and in the private sector on environmental issues, including serving in two offices of EPA (Office of Air and Radiation and Office of Research and Development) and as policy director for Louisiana's Department of Environmental Quality and as environmental advisor to Governor Buddy Roemer. She has also practiced environmental law at leading firms. Ms. Arroyo currently serves on the executive committee of the national Transportation Research Board, on the board of trustees for the University Corporation for Atmospheric Research, and on National Science Foundation's advisory board for the Geosciences.

Deepa Badrinarayana is an associate professor of law at Chapman University School of Law. Her current research focuses on the intersection of climate change, international trade/investments, and energy laws, as well as U.S. tort law. Her articles and essays have appeared in the *Environmental Law Reporter* and in general and specialized law reviews including those of Washington, UCLA, and Fordham law schools. She was a visiting scholar at the Center on Global Legal Problems at Columbia Law School, where she also researched and wrote for Professor Frank P. Grad's *Treatise on Environmental Law*. In India, she worked on a world-bank project on environmental law. In addition to research and advocacy, she has trained government officials and legal professionals in environmental law. She was also part of a team that reviewed the Government of India's proposed biomedical waste legislation. Professor Badrinarayana currently serves as co-vice-chair of the Teaching International Law Group of

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J. Peter Byrne is a professor of law at the Georgetown University Law Center. He teaches property, land use, natural resources, and historic preservation. Professor Byrne holds degrees from Northwestern University and from the University of Virginia School of Law. He was a law clerk to Chief Judge Frank Coffin of the U.S. Court of Appeals for the First Circuit and for Associate Justice Lewis F. Powell Jr. of the U.S. Supreme Court; he practiced law with the Washington, D.C., firm of Covington and Burling. Professor Byrne has taught at Georgetown since 1985 and served as associate dean from 1997 until 2000. He currently is faculty director of the Georgetown Climate Center and of the Georgetown Environmental Law and Policy Program. Professor Byrne is the author (with Sara Bronin) of *Historic Preservation Law: Cases and Materials* (2012), and of numerous law journal articles.

Cinnamon Carlarne is an associate professor at the Michael E. Moritz College of Law at the Ohio State University. She teaches in the areas of environmental, energy, and tort law. Professor Carlarne's scholarship focuses on the evolution of systems of international environmental law, with an emphasis on climate change. She has written numerous articles exploring questions of international environmental law as well as a book on comparative climate change law and policy, *Climate Change Law and Policy: EU and US Approaches* (OUP 2010). She is also co-editing a textbook on oceans and human health and the forthcoming *Oxford Handbook of International Climate Change Law*. She is on the editorial board for *Transnational Environmental Law* (Cambridge University Press) and *Climate Law* (IOS Press). Prior to joining the Moritz faculty, she was the Harold Woods Research Fellow in Environmental Law at Wadham College, Oxford and an Assistant Professor at the University of South Carolina School of Law. Professor Carlarne received her JD from the University of California, Berkeley and her BCL and MSc in Environmental Change and Management from the University of Oxford, where she was a Marshall Scholar.

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Terri Cruce serves as senior advisor to a number of national nonprofits and institutions on climate adaptation policies and programs, including the Georgetown Climate Center (GCC), the American Society for Adaptation Professionals, the Western Governors' Association, and previously the Pew Center on Global Climate Change. For the Pew Center, she coauthored *Adapting to Climate Change: A Call for Federal Leadership* (2010) and *Adaptation Planning—What U.S. Federal Agencies Are Doing* (2010), and authored *Adaptation Planning—What U.S. States Are Doing* (2009). For the Climate Center, Ms. Cruce is currently comanaging the development of an adaptation clearinghouse to support state and local government adaptation planning efforts. Prior to this period, Ms. Cruce spent eight years with Accenture, a global private sector consulting firm, as a management consultant in the utility and health services sectors. Thereafter she developed and led a global alliance team in the high-tech industry, developing solution offerings for the energy, financial services, health care, and consumer products industries. Ms. Cruce received her master's of public health in health policy from George Washington University in 2007.

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Josh Eagle is a professor of law at the University of South Carolina School of Law and is affiliated both with USC's Marine Sciences Program and its School of Earth, Ocean and Environment. He teaches courses in property law, environmental law, natural resources

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David Freestone is Visiting Scholar and an adjunct professor at the George Washington University Law School, where since 2008 he has taught the course "International Climate Change Law" (among the first in the United States). He is also the Executive Director of the Sargasso Sea Alliance, based at the Washington, D.C., office of the International Union for the Conservation of Nature (IUCN) but led by the Government of Bermuda. Previously he worked for 12 years at the World Bank, retiring in 2008 as Deputy General Counsel/Senior Adviser, and for eight years he served as Chief Counsel and head of the Environment and International Law Group. Dr. Freestone edits the *International Journal of Marine and Coastal Law* and *Legal Aspects of Sustainable Development* and is the 2007 recipient of the Elizabeth Haub Gold Medal Prize for Environmental Law. He has published some 20 books and 200 articles;

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Robert L. Glicksman is the J.B. & Maurice C. Shapiro professor of environmental law at the George Washington University Law School. A graduate of the Cornell Law School and a former chaired professor at the University of Kansas School of Law, Professor Glicksman is a nationally recognized authority on natural resources, environmental, and administrative law. His books include *Public Natural Resources Law* (2d ed. 2007, updated three times each year by West); *Risk Regulation at Risk: A Pragmatic Approach* (2003); *Pollution Limits and Polluters' Efforts to Comply: The Role of Government Monitoring and Enforcement* (2011); two casebooks, *Environmental Protection: Law and Policy* (6th ed. 2011), and *Administrative Law: Agency Action in Legal Context* (2010); and *Modern Public Land Law in a Nutshell* (4th ed. forthcoming). Professor Glicksman has visited at the Georgetown University Law Center, Lewis & Clark Law School, Vermont Law School, the University of Miami, and the University of Trento (Italy). He is a member of the board of directors and a member scholar for the Center for Progressive Reform.

Jessica Grannis is a staff attorney and clinical teaching instructor at the Harrison Institute for Public Law at Georgetown University Law Center. She supervises students who provide direct legal services to state and local governments looking to implement strategies to adapt to the impacts of climate change. Ms. Grannis authored *The Adaptation Tool Kit: Sea-Level Rise and Coastal Land Use* published in 2011 by the Georgetown Climate Center, which analyzes 18 different land-use tools governments could use to adapt to sea-level rise. Prior to joining the Harrison Institute, Ms. Grannis was staff counsel for two California state agencies, the State Coastal Conservancy and the Ocean Protection Council. She is a graduate of the University of Chicago (B.A.), University of California Hastings College of the Law (J.D., cum laude), and the Georgetown University Law Center (LL.M.), and a member of the Bar in the District of Columbia and California.

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Patrick Parenteau is a professor of law and senior counsel to the Environmental and Natural Resources Law Clinic (ENRLC) at Vermont Law School. Professor Parenteau previously served as director of the Environmental Law Center at Vermont Law School and founding director of the ENRLC. He is the author of numerous book chapters, law review articles, and commentaries on a wide range of topics dealing with resource conservation, environmental litigation, and pollution abatement. He teaches courses on biodiversity conservation, climate change, water quality, and wetlands preservation. Prior to coming to Vermont Law School in 1993, Professor Parenteau served as of counsel to the Perkins Coie law firm in Portland, Oregon; commissioner of the Vermont Department of Environmental Conservation; regional counsel to EPA Region One in Boston, and vice president for conservation with the National Wildlife Federation. He has been involved in drafting, litigating, administering, teaching, and writing about environmental law for nearly four decades.

Kate Purcell is a Ph.D. candidate in the faculty of law at the University of Cambridge. Her research examines geographical change in the law of the sea, as well as loss and change of territory in international law more broadly. She holds a Bachelor of Civil Law from the University of Oxford, a Bachelor of Laws (Honours) from the University of New South Wales, and a Bachelor of Arts (Philosophy) from Macquarie University. Her previous publications are in the fields of refugee and human rights law, appearing in the *Australian Yearbook of International Law*, the *Alternative Law Journal*, and the *German Yearbook of International Law*. Ms. Purcell has served as an intern at the United Nations High Commissioner for Refugees (UNHCR) Regional Office for Australia, New Zealand, Papua New Guinea, and the Pacific. In 2011, she spent a period as visiting researcher in the faculty of law at the University of the South Pacific in furtherance of her research into the implications of the impacts of climate change on small island states in international law.

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