



COLUMBIA LAW SCHOOL

ENVIRONMENTAL LAW
AT COLUMBIA



“ Columbia provided me with an excellent foundation for the practice of environmental law. The faculty are outstanding, and I benefited greatly from their instruction, mentoring, and career advice. As an editor at the *Columbia Journal of Environmental Law*, I researched and published an academic article exploring a complex procedural issue encountered during an off-campus summer internship. The Center for Climate Change Law’s activities fostered an energetic and fascinating dialogue on climate-related issues. Finally, learning the fundamentals of practice in the Environmental Law Clinic prepared me to hit the ground running as an associate at a New York City law firm specializing in environmental law. ”

Devin McDougall '12
Sive Paget & Riesel, P.C.

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LEADING ON THE ENVIRONMENT

For more than 40 years, New York City has provided a stimulating backdrop against which Columbia Law School has emerged as a leading center for the study of environmental law. In the earliest days of the environmental movement, armed with a social conscience and an awareness of burgeoning legal issues concerning the environment, Law School Professor Frank Grad—who had spent several years from 1959 and onward helping revise the New York City Health Code—created the school’s first seminar in environmental law and legislation. In 1971, his notes for that course were transformed into *Environmental Law: Sources and Problems*, the first environmental law book produced at a major law school.

From then on, New York has been at the fulcrum of the development of environmental law. As the headquarters city of the United Nations, the financial and media capital of the country, the center of a region facing great challenges, and the nation’s most dense and most vibrant city, New York has emerged not only as the laboratory for bold experiments in sustainability but also as the venue for much of the sharpest analysis and debate on the topic. Columbia University is deeply immersed in all of this. Its world-renowned Earth Institute is the home of much cutting-edge research in the physical and social sciences. At Columbia Law School, the Center for Climate Change Law and the Environmental Law Clinic, following in the spirit of Frank Grad, are forging new paths in the study, teaching and practice of environmental law. For a truly global perspective on environmental law, there is no better location.

CENTER FOR CLIMATE CHANGE LAW

Recent Publications

Global Climate Change and U.S. Law, 2nd ed. (forthcoming)

The Law of Clean Energy: Efficiency and Renewables

The Law of Adaptation to Climate Change: U.S. and International Aspects

Threatened Island Nations: Legal Aspects of Rising Seas and a Changing Climate

Public Utility Commissions & Energy Efficiency: A Handbook of Legal and Regulatory Tools for Commissioners & Advocates

Managed Coastal Retreat: A Legal Handbook on Shifting Development Away From Vulnerable Areas

Carbon Offshoring: The Legal and Regulatory Framework for Coal Exports

“**Climate change and renewable energy developments** are the next big things in environmental and energy law,” Michael Gerrard, Andrew Sabin Professor of Professional Practice, told *Greenwire* in 2009. One of the world’s foremost environmental attorneys, Gerrard’s comments came just months after he joined the Columbia Law School faculty and became founding director of the Center for Climate Change Law. “My goal is to make this Center a focus for legal innovation in the climate change arena,” he said.

Since then, the Center has successfully pursued this goal, tackling thorny legal questions arising from climate change issues and advancing its mission to

- train climate change law’s next generation of leaders
- develop groundbreaking legal techniques to combat climate change and help society cope with its effects
- develop legal materials useful to lawyers, public officials and students around the world

In collaboration with scientists at Columbia’s Earth Institute, the Law School’s Environmental Law Clinic and New York’s many governmental, non-governmental and academic organizations, the Center probes for legal solutions to some of the field’s most difficult problems, including how to greatly increase the efficiency of energy systems, how U.S. coastal areas and their inhabitants can adapt to climate change, and how small island nations whose very existence is threatened by climate change can make their case to the United Nations.

The Center for Climate Change Law tracks and interprets regulatory issues, develops model laws and best practices for states, municipalities and other entities, informally advises public officials, and gives lectures and courses around the



world. Students work side-by-side with faculty and staff attorneys on all of these projects, and often produce publications under their own by-lines. “The work the students do with us is central to our work, and we have already helped launch several of them on careers in environmental law,” said Professor Gerrard.

A Critical Question: If a Country Sinks Beneath the Sea, is it Still a Country?

Rising ocean levels brought about by climate change have created unprecedented legal questions for small island nations and their neighbors. Among them: If a country is completely submerged, is it still a country? Does it keep its seat at the United Nations? Who controls its offshore fishing and mineral rights? Does it have any legal recourse against those whose emissions contributed to sea level rise?

The Republic of Marshall Islands—a Micronesian nation of 29 low-lying coral atolls in the North Pacific—is struggling to secure its survival, and is working to attract international attention to vulnerable countries’ plights. In 2009, the Republic enlisted the help of Columbia Law School’s Center for Climate Change Law.

Until just a few years ago, notes Michael Gerrard, head of the Center, it was difficult to have a conversation in the international community about how countries might adapt to climate change. “But now people recognize that the climate situation will get worse before it gets better, and we have to begin making serious preparation,” he said. Gerrard has traveled to the Marshall Islands twice as part of this work, co-chaired a major conference at Columbia with the Republic, co-edited a book on their legal issues, and enlisted numerous students in the efforts to assist the country and its people. He took the photograph (above left), of a burial vault, on his first trip in 2010. Revisiting the same spot in 2013, he saw that the vault had slipped further toward the sea—evidence, both literal and figurative, of the danger posed to the nation’s heritage.

Recent Conferences

Legal Issues in Managed Coastal Retreat

The UN Climate Negotiations: Perspectives From a Small Island Nation

What is the State of the Art in Preparing for Extreme Weather Events?

The Future of the Regional Greenhouse Gas Initiative

The Future of the Indian Point Nuclear Power Plant

Climate Change, China, and the WTO

U.S. Climate Change Policy in the Context of Congressional Paralysis

Soaring Flood Insurance Rates: Should Congress Step In?

Extraterritoriality in EU Law: Aviation, Emissions Trading and Beyond

EPA Region II Conference (2010, 2012, 2014)

Implementing Climate Change Policy: Looking Forward to the Hard Part



ENVIRONMENTAL LAW CLINIC

Fracking, industrial agriculture, clean air, “smart growth,” wetlands preservation, endangered species.

From New York City and its metropolitan area to the most remote environments on the planet, the Environmental Law Clinic has tackled an enormous trove of environmental trouble. Led by noted environmental activists and litigators Professor Edward Lloyd (who established the Clinic in 2000) and Susan Kraham, the student litigators have chalked up a series of victories that are helping to shape the future of environmental law.

Clinic cases are chosen for their 1) educational opportunity, 2) ability to meet clients’ need for counsel and 3) environmental significance. In the one-semester course, students work in groups to represent organizational clients. They participate in weekly seminars, team meetings, simulations, and other exercises to help them hone valuable “lawyering” techniques; and independently, and in collaboration with other law clinics, develop and litigate cases.

“I want my students to take away a number of skills from this Clinic: listening carefully to their clients, and analyzing strategies—including litigation, policy change, possible regulatory reform—to resolve them,” said Lloyd. “And even if students choose not to practice environmental law, I hope they take with them a sense of the breadth and depth of the environmental challenges facing this country and the world.”

Clinic alumni have gone on to continue their work in posts at the Department of Justice, the Environmental Protection Agency, Earthjustice, the Natural Resources Defense Council, other non-governmental agencies, private law firms, and in all levels of government.

Protecting the Red Knot: Clinic Scores a Win for the N.J. Audubon Society

In 2011, clinic students represented the New Jersey Audubon Society, which had been denied access to important information about the harvest of horseshoe crabs in the Delaware Bay.

These crabs are critical to the survival of the Red Knot—a small bird that migrates each year from its wintering area in South America to its breeding ground in the Arctic. Every May, hundreds of thousands of Red Knots and other shorebirds arrive in the Delaware Bay where they gorge themselves on the fat-rich horseshoe crab eggs that give them the energy needed for their journey north.



The problem: Industry’s harvest of the crabs has severely limited the supply of crab eggs for these hungry shorebirds. And while there are regulations that limit the harvest, efforts to monitor compliance have been stymied by the State’s refusal to provide harvest reports.

The argument: In their challenge to the State, clinic students cited its failure to provide these reports under New Jersey’s public information law. A third year student argued the matter before a trial court judge who ruled that the State must turn over the documents to the Audubon Society.

Resolution: This information will allow conservation biologists and advocates to continue to protect the Red Knot and other threatened and endangered shorebird species.



CURRICULUM

Crafting a Specialty in Environmental Law

Columbia Law School students with a keen interest in environmental law have a range of courses to choose from, beginning with two first-year foundation courses, Torts and Property. Torts' coverage of injuries to interests in land, public and private nuisance, and Property, which explores fundamental questions of ownership, connect contemporary environmental law and litigation with their early common law sources.

Second- and third-year students can supplement the environmental and energy law courses in the curriculum with Administrative Law, State and Local Government Law, and property and real estate courses that address issues important to this specialty. They can also add to their environmental experience by enrolling in the Environmental Law Clinic.

To deepen their knowledge of a particular area, Law School students can take advantage of graduate courses in Columbia University's schools of engineering, business, international and public affairs, public health, and architecture and planning, and its science and economics departments. The student-edited *Columbia Journal of Environmental Law*, the Environmental Law Society, and Environmental Moot Court further enrich the study of the field.

THE ENVIRONMENTAL LAW CURRICULUM

Administrative Law: Administrative agencies play a critical role in determining the duties and entitlements of the public. This course introduces students to the constitutional and statutory frameworks regulating administrative agencies in their exercise of this authority. Focusing on the major federal agencies, we consider the forms of agency action (e.g., rulemaking and adjudication) and the procedures required by the Administrative Procedure Act; constitutional constraints limiting agency action; and the means used by Congress, the President, and the courts to control and review what agencies do, plus some attendant separation of powers questions. In addressing these issues, we consider both political and legal dynamics about the twenty-first-century administrative state.

Environmental Law: A survey course introducing the basic problems and approaches that characterize contemporary environmental regulation. We review the ecological and economic justifications for government regulation to protect the environment, and examine the strategies and tools for doing so. We focus primarily on the Clean Air Act, the Clean Water Act, the National Environmental Policy Act, the Superfund law, and the Endangered Species Act.

Climate Change Law: An overview of the legal tools available to combat global climate change and to adapt to its impact. We evaluate the evolution of the international legal regime for addressing climate change and attempts to develop a U.S. regulatory scheme, and look at how energy efficiency, renewable energy sources, coal, and forestry and agriculture figure in the process. We discuss the implications for international human rights, trade, environmental justice, and equity and examine special challenges posed by China. Proposals for adaptation to climate change and geo-engineering are examined as well.

Energy Law: A course devoted to the regulation of energy resources, and facilities, paying special attention to the current and future roles of natural gas, renewable energy, energy efficiency, nuclear power and the regulation and deregulation of electricity. We discuss rate and service regulation; the responsibilities of the Federal Energy Regulatory Commission and state public utility commissions; and energy law's interaction with environmental law.

Environmental Law Clinic: Students in the Environmental Law Clinic represent local, regional, and national environmental and community organizations working to solve critical environmental challenges facing the metropolitan region (see page 4). We have worked with community groups concerned about pollution and public health, and with statewide and national organizations and

coalitions dealing with land conservation and transportation. In weekly seminars, students lead discussions on issues they are facing in their cases. The clinic emphasizes litigation skills that have applications beyond environmental law, such as drafting pleadings, arguing motions, and negotiating settlements, and exposes students to such mechanisms as citizen suits, that can be found in both civil rights and environmental cases. While this is a one-semester clinic, students have the opportunity to continue working with clients in subsequent semesters.

International Environmental Law: A survey of the foundations of international environmental law. We explore a broad range of contemporary international environmental issues including biodiversity loss, the marine environment, ozone depletion, genetic resources and intellectual property issues, and trade. We examine the relationship between international environmental law and general principles of international law; the role of “soft” and “hard” law in addressing international environmental problems; and the contribution of international tribunals to the development of international environmental law.

Advanced Climate Change Law: A seminar devoted to an exploration of selected issues at the cutting edge of climate regulation. Topics vary each year depending on new and impending developments. Students prepare a major paper and engage in vigorous dialogs with guest speakers and each other.

Environmental Issues in Business Transactions: This class explores how environmental laws affect a host of business transactions, including mergers and acquisitions, securities offerings, lending and secured transactions and real estate development—in virtually every industry, from heavy manufacturing to Internet commerce. Students study how environmental liabilities and risks are identified, evaluated and allocated in corporate transactions and what regulatory, market and political forces are at play.

Natural Resources Law: A seminar addressing fundamental elements of U.S. natural resources law and its successes and failures. We review the relevant statutes, case law, and underlying policies governing this broad area, including federal land use management planning, wilderness, National Parks and Monuments, mining, forestry, coastal resource protection, oil and gas development on the outer Continental Shelf, water resources, conservation on agricultural lands, and innovative approaches to addressing natural resources issues on an ecosystem scale.

THE ENVIRONMENTAL LAW CURRICULUM

Seminar in Energy Industry Restructuring:

This course requires students to apply concepts from a variety of doctrinal areas to a hypothetical complex transaction involving the merger of two electric utility companies. The course goes through all phases of this transaction, from initial consideration of whether to go forward, to determination of its structure and financing, negotiations between the buyer and the seller, securing board approval, obtaining regulatory approvals, presentations to the investment community and rating agencies, proxy solicitation and shareowner vote, closing, and structuring the new company. Particular emphasis will be devoted to issues that are distinctive to regulated utilities in the energy industry.

Environmental Justice and Environmental Health:

In this seminar examining the role of legal advocacy in the context of the environmental justice movement, its origins, tenets, challenges, and strategies, we focus specifically on issues of environmental health addressed by the movement, including exposure to toxics, special problems related to the impact of industrial agriculture, and human health problems associated with pesticide use. We examine legal strategies to address issues of environmental health that disproportionately affect low income communities and communities of color.

Animal Law: A look at the legal status of non-human animals, including a review of the relationship between humans and animals, how it can vary according to the use to which animals are put and the scientific understanding of the capacities of various animal species. We investigate the classification of animals as “property”—whether it is appropriate or important and how such “property” can be legally valued—and discuss laws impacting people’s relationship with pets, industry’s use of animals, including animals in agriculture; current animal protection laws, both state and federal; as well as recent efforts to reform these laws through legislation and litigation and the overall problems of litigating on behalf of animals.

Land Use Law: A survey and evaluation of the rules restricting the use of land and the various local ordinances, state and constitutional doctrines limiting these restrictions. The objective of the course is to build an understanding of the full range of powers—both constitutional and political—that local and state governments have to regulate use of privately owned land. Among the issues we address are zoning ordinances, subdivision, variances, growth controls, community development, environmental impact review and regulatory takings. Students learn about and critique the delegation of specific land use powers afforded state and

local governments and explore how it influences the practice of land use, environmental, and real estate law, including administrative procedure and judicial review.

Environmental Law Moot Court

Sponsored by the Environmental Law Society and falling under the Paul, Weiss, Rifkind, Wharton & Garrison Moot Court Program, the fall semester’s Environmental Moot Court offers students the opportunity to hone their skills in appellate brief writing and master the art of oral argument. The Moot Court’s environmental legal problems are selected from those posed by the National Environmental Law Moot Court Competition held annually at Pace Law School. Issues are drawn from real cases and argued by three adversarial teams, reflecting the often complex, multi-party nature of environmental litigation. Teams engage in oral arguments, adjudicated by noted environmental law practitioners as well as Law School faculty.

In the spring semester, the Society sponsors one team to compete in the National Environmental Law Moot Court competition, based on a short writing competition.

“ I came to Columbia Law School planning to focus on environmental law, and once I arrived I was pleased—even somewhat overwhelmed—with all the opportunities there. I watched debates about environmental issues (and went on hikes) with the Environmental Law Society; edited scholarly articles for the *Columbia Journal of Environmental Law*; litigated cases with the Environmental Law Clinic; networked with like-minded grad students in business, international affairs, and science at the Earth Institute; and conducted research and attended conferences hosted by the Center for Climate Change Law. As an honors attorney with the Environmental and Natural Resources Division of the U.S. Department of Justice, I know my experience at Columbia Law School not only helped me land this job, but helps me keep up with the challenges of environmental litigation I encounter daily here as well. ”

Ben Schifman '11

Environmental and Natural Resources Division,
U.S. Department of Justice



FACULTY

Our faculty is distinguished by its depth of experience in all aspects of environmental law. Many faculty members are actively involved in litigating and shaping policy and law in the field, and all continue to contribute to the scholarship surrounding this dynamic discipline.

FULL-TIME

Michael B. Gerrard



Andrew Sabin Professor of Professional Practice, Director, Center for Climate Change Law and Associate Chair of the faculty of Columbia University's Earth Institute

J.D. New York University School of Law, B.A. Columbia College

Gerrard joined the Columbia Law School faculty in 2009 after 30 years practicing environmental law in New York, most recently as partner-in-charge of the New York office of Arnold & Porter LLP.

The nation's most prolific writer on environmental law—he has

written or edited 11 books and hundreds of articles—Gerrard is a two-time winner of the Association of American Publishers' Best Law Book award. Since 1986 he has been an environmental law columnist for the *New York Law Journal*.

Gerrard has served on the executive committees of the boards of the Environmental Law Institute and the American College of Environmental Lawyers, and as chair of the American Bar Association's 10,000-member Section of Environment, Energy and Resources, the Executive Committee of the New York

City Bar Association, and the Environmental Law Section of the New York State Bar Association. Several independent rating services ranked Gerrard as the leading environmental lawyer in New York and one of the leading environmental lawyers in the world.

FULL-TIME

Edward Lloyd



Evan M. Frankel Clinical Professor in Environmental Law and Director, Environmental Law Clinic

J.D. University of Wisconsin Law School, B.A. Chemistry, Princeton University

Lloyd has played a prominent role in protecting New Jersey's environment for more than 30 years. In 2000, he came to Columbia to launch its Environmental Law Clinic, after 15 years as director and founder of the Rutgers University Law School Environmental Law Clinic.

After graduating from law school, Lloyd began his career as an environmental advocate with the New Jersey Public

Interest Research Group, where he spent ten years. He continues to serve as its general counsel.

Lloyd has lectured on environmental legal issues at Judicial College for New Jersey judges, on citizen suit litigation at the Practicing Law Institute and ALI/ABA, and at numerous environmental courses for the practicing bar at the New Jersey Institute for Legal Education. He is a co-founder and co-director of the Eastern Environmental Law Center, a member of the New Jersey Pinelands Commission and the Litigation Review Committee of the Environmental Defense Fund, and has served as a

member of the New Jersey Supreme Court Committee on Environmental Litigation. Lloyd has testified before the U.S. Senate and House of Representatives committees on environmental enforcement.

Susan J. Kraham



Senior Staff Attorney, Lecturer-in-Law, Columbia Law School, Environmental Law Clinic

J.D. Columbia Law School, M.A. Urban Planning-New York University-Wagner School, B.A. Columbia College

Kraham has spent her legal career representing public interest clients with a particular focus on environmental and land use law. Currently leading the Clinic's efforts on Concentrated Animal Feeding Operations (CAFOs) and other issues at the intersection of agriculture and the environment, she has supervised clinic students

exploring the impact of agricultural practices on food security and the environment, and transparency in food labeling and regulation.

Also involved in clean water and domestic and international extractive industry projects, she has worked on a number of state court cases addressing concerns surrounding hydraulic fracturing, including the team that successfully challenged Pennsylvania's efforts to strip local government of its zoning authority as it relates to fracking. Internationally, she has partnered with non-governmental organizations

to analyse and assess the environmental impact of mineral extraction contracts.

Prior to joining the Environmental Law Clinic faculty, she served as Counsel to the New Jersey Audubon Society. Before that, she was Associate Clinical Professor at Rutgers Law School, Newark. Kraham clerked for the Honorable Justice Gary Stein of the New Jersey Supreme Court, and has served as both a Skadden Fellow and an Echoing Green Fellow.

FULL-TIME

Michael Heller



Lawrence A. Wien
Professor of Real Estate Law

*J.D. Stanford Law School,
 A.B. Harvard College*

One of America's leading authorities on property, Heller joined the Columbia Law Faculty in 2002 and teaches property, land use, and real estate law. Prior to his tenure at Columbia, he taught at the University of Michigan Law School where he received the L. Hart Wright Award for excellence in teaching. He co-directed corporate

governance research at the University of Michigan Business School's William Davidson Institute and was a term member of the Council on Foreign Relations. He has been a visiting professor at UCLA School of Law, Fellow at the Center for Advanced Study in the Behavioral Sciences (2004-05), visiting professor at NYU Law School, Olin Senior Fellow at Columbia, and visiting lecturer at Yale Law School. In the early 90's, Heller worked at the World Bank on post-socialist property law

transition. He clerked for the Honorable James R. Browning, Ninth Circuit Court of Appeals. He is a widely published author of texts and articles exploring a variety of land ownership issues, including the celebrated *The Gridlock Economy: How Too Much Ownership Wrecks Markets, Stops Innovation, and Costs Lives* (Basic Books 2008).

Thomas Merrill



Charles Evans Hughes
Professor of Law

J.D. University of Chicago Law School, B.A. Grinnell College, B.A., Rhodes Scholar, Oxford University

An expert in three fields—property, administrative and environmental law—Merrill joined the law school in 2003 as Charles Keller Beekman Professor of Law, and was named to his current position in 2009. Merrill came to Columbia from Yale Law School, and had

also taught at Northwestern University Law School, where he was the John Paul Stevens Professor of Law.

In the late 1980's, Merrill served as deputy solicitor general in the U.S. Department of Justice, representing the country before the U.S. Supreme Court. He was "of counsel" with Sidley Austin Brown & Wood for more than twenty years.

He clerked for the Honorable Harry A. Blackmun, U.S. Supreme Court; and the Honorable David

L. Bazelon, U.S. Court of Appeals for the District of Columbia Circuit. Among his written works is *Property: Principles and Policies* (2012), a leading casebook in the field.

ADJUNCT FACULTY

Susan E. Amron**Lecturer-in-Law: Environmental Law Moot Court**

*J.D. Columbia Law School,
B.A. Yale University*

Amron is Chief of the Environmental Law Division of the New York City Law Department and has practiced environmental law for the City for more than 20 years. As the City's chief environmental

lawyer, she counsels City agencies about the requirements of federal, state, and local environmental and land use laws and represents the City as both a plaintiff and a defendant in litigation involving a broad range of environmental and land use laws. Before joining the New York City Law Department, Amron spent six years as a litigation associate at Willkie Farr &

Gallagher. While at Columbia Law School, she was an editor for its *Journal of Law and Social Problems*.

Patricia J. Beneke**Lecturer-in-Law: Natural Resources Law**

*J.D. Harvard University,
B.A. Iowa State University*

Beneke is a Democratic Senior Counsel for the U.S. Senate Committee on Energy and Natural Resources, where she works on energy development on public lands, water resources, mining, oil and gas development, and national energy policy. A longtime Committee

staff member, she was instrumental in the development and passage of the Energy Policy Act of 1992, the Energy Policy Act of 1995, and the Energy Independence and Security Act of 2007. Beneke was Associate Solicitor for Energy and Resources at the Department of the Interior during the Clinton Administration and served as the Assistant Secretary of the Interior for Water and Science from 1995 until 2000.

Early in her career, she was an attorney at the Department of Agriculture and a trial attorney at the U.S. Department of Justice, handling environmental litigation. She has been a visiting lecturer in natural resources law and policy at Harvard Law School.

Marianne Engelman Lado**Lecturer-in-Law: Environmental Justice and Environmental Health**

*J.D. University of California at Berkeley,
M.A. Politics, Princeton University,
B.A. Cornell University*

Lado joined Earthjustice in 2010 as Chair of the Environmental Health Practice Group, focusing on toxics, pesticides, waste, the health impacts of industrial agriculture, civil rights enforcement, and

the effects of environmental contamination on vulnerable and overburdened populations. She previously served for ten years as General Counsel at New York Lawyers for the Public Interest, a non-profit civil rights law firm, where she directed a legal and advocacy program focused on racial and ethnic disparities in access to health care, environmental justice, and disability rights. She began her legal career as a staff attorney at the

NAACP Legal Defense and Educational Fund, Inc. (LDF), where she represented clients attempting to break barriers of access to health care and quality education.

ADJUNCT FACULTY

Robert J. Grey**Lecturer-in-Law: Seminar in Energy Industry Restructuring**

*J.D. Emory University,
LL.M. George Washington University,
B.A. Columbia University*

Grey is executive vice president, general counsel and secretary of PPL

Corporation, a major energy company. Prior to joining PPL in 1995 he was general counsel for Long Island Lighting Co. Prior to that, he had been a partner with the law firm of Preston Gates & Ellis (now K&L Gates) in Seattle, Washington, and Portland, Oregon. His experience also includes several years as a staff

counsel for the New York Public Service Commission, and he served as an attorney for the U.S. Environmental Protection Agency.

Matthew Morreale**Lecturer-in-Law: Environmental Issues in Business Transactions**

J.D. Columbia Law School, M.S., B.A. and B.A.S., University of Pennsylvania

A partner in the Corporate Department of Cravath, Swaine & Moore LLP, in charge of its environmental practice, Morreale

advises Cravath's clients on environmental matters relating to mergers and acquisitions, securities offerings and financings in the U.S. and abroad. He also provides counseling on environmental compliance matters; environmental and toxic tort litigation; environmental indemnification disputes; and environmental aspects of

periodic reporting obligations under securities laws. He lectures and writes on environmental topics, and has served on the Board of Directors of the *Columbia Journal of Environmental Law* since 1997.

Ken Rivlin**Lecturer-in-Law: Environmental Issues in Business Transactions**

*J.D. Boston University,
B.A. Brown University*

Rivlin heads Allen & Overy's Global Environmental Law Group, their U.S. Environmental and Regulatory Law Group and U.S. Pro Bono Program. He advises on environmental and

regulatory risk in transactions involving a wide range of industries, compliance with U.S. and EU environmental requirements, emissions trading and climate change, environmental disputes, toxic tort risk, SEC disclosure requirements and corporate governance issues. Rivlin also advises on the U.S. Foreign Corrupt Practices Act (FCPA), dealings with OFAC-sanctioned countries, Exon-Florio and similar matters.

Prior to joining Allen & Overy, he worked at Cravath, Swaine & Moore LLP and McCarter & English LLP.

ADJUNCT FACULTY

Mariann Sullivan**Lecturer-in-Law: Animal Law**

*J.D. Fordham University School of Law,
B.A. Newton College*

Sullivan, an adjunct professor of animal law at Brooklyn Law School and Cardozo Law School, recently retired as Deputy Chief Court Attorney at the New York State Appellate Division, First Department. She has served as chair of the Committee on Legal Issues Pertaining to Animals

of the New York City Bar Association and the Animal Law Committee of the American Bar Association's Tort Trial Insurance Practice Section. A frequent speaker at conferences and animal law related events throughout the country, as well as Animal Rights Africa's Animal Law Review Consultation Workshop in Johannesburg, she is currently the president of the Board of Directors of Our Hen House, as well as that organization's

Program Director, and serves on the Board of Directors of Animal Welfare Trust and Animal Welfare Advocacy. She is a former member of the boards of Farm Sanctuary and The Animals Agenda, and a prolific writer on issues in her field.

Evan van Hook**Lecturer-in-Law:
International Environmental Law**

*J.D. Yale University Law School,
B.A. Trinity College*

Van Hook is Corporate Vice President for Health, Safety, Environment & Remediation for Honeywell International. A former partner in the law firm of Sidley Austin, he served as Assistant Commissioner of

the New Jersey Department of Environmental Protection from 2002 to 2004. He is a former Chair of the Environmental Law Committee of the New York City Bar Association and a former member of the Board of Directors of the Paul Taylor Dance Company and of Work 101, a nonprofit organization providing worker training. He currently serves on the Advisory Board of the

Hudson Riverkeeper, the Board of the Old Chatham Conservation Association, and the Advisory Board of the Yale Center for Business and the Environment.



STUDENT ACTIVITIES

The Columbia Journal of Environmental Law

Founded in 1972 with a grant from the Ford Foundation, the *Journal* is one of the oldest and most preeminent environmental law journals in the country. Recognized for its innovative scholarship on emerging areas of environmental law, its articles have contributed substantially to the evolution of laws in this specialty.

Published twice a year, the *Journal* is managed by second- and third-year law school students. It showcases both the scholarship of leading environmental lawyers and academics, and student work, featured in its “2L Note” program. Law school staff also publishes an on-line journal, “Field Notes,” which, like its print counterpart, features works by leading academics and practitioners as well as students.

Environmental Law Society

Students concerned about environmental issues and/or interested in environmental careers are welcome to join the Environmental Law Society. The society offers a host of opportunities for involvement—promoting environmental efforts at the Law School among them.

Each year, the group hosts some of the world’s top environmental practitioners from government, public interest groups, and private law firms at a variety of events, ranging from informal luncheons and panel discussions to Earth Day Celebrations, and gets involved with the New York City community through group events like park clean-ups and tree-planting.

Student Animal Legal Defense Fund (SALDF)

SALDF is a student chapter of the national Animal Legal Defense Fund, which aims to advance the interests of animals through the legal system. Its film screenings, lunches and other events bring together those with a shared interest in animal welfare and/or animal rights. And it helps connect students to pro bono and career opportunities in the field of animal law.

“ The strength of the Environmental Law Clinic was a major factor in my choice to go to Columbia Law School. I could not have made a better decision. The clinic was by far the highlight of my law school experience. It really is a tremendous opportunity to challenge yourself, build new skills, and receive the best hands-on instruction you could ask for. My time in the clinic gave me the skills and network I needed to move directly into a career in public interest environmental law. I would not be where I am today without that experience. ”

Lisa Perfetto '11
Earthjustice

OUR PARTNER

THE EARTH INSTITUTE AT COLUMBIA UNIVERSITY

Widely recognized as the world's foremost organization addressing the challenges of global sustainable development, the Earth Institute's 850 scientists, postdoctoral fellows, staff and students work across many disciplines to find solutions for problems in public health, poverty, energy, ecosystems, climate, natural hazards and urbanization.

Established in 1995, its experts collaborate with corporations, government agencies, non-profits, individuals, national governments and the United Nations to help educate the next generation of leaders in this important area.

The Law School's Center for Climate Change Law is an Institute affiliate. Its Director, Michael Gerrard, and Edward Lloyd, Director of its Environmental Law Clinic, are members of the

Institute's multi-disciplinary faculty, with Gerrard serving as Associate Chair of this faculty and Lloyd as Chair of the faculty Practice Committee. Law School students participate in its governance as members of its advisory board and have the opportunity to take courses with faculty in other schools in the university.

More than 30 research centers are under the Institute's umbrella, including the Center for Research on Environmental Decisions; the Center for Climate Systems Research; the Columbia Water Center; the Lamont-Doherty Earth Observatory; the International Research Institute for Climate and Society; the National Center for Disaster Preparedness; and the Millennium Villages Project.

OUR STUDENTS AND GRADUATES: CAREER OPPORTUNITIES

The Environmental Law program at Columbia Law School prepares students for careers in a wide variety of organizations. Our presence in New York City enables us to place students in internships with not-for-profit advocacy organizations, federal, state and local government agencies, United Nations consulates, and private law firms, ranging in size from small environmental boutiques to large national and international firms

These placements often lead to full-time jobs, either immediately after law school, or after judicial clerkships. And many of our students go on to similar jobs in other cities.

Here's a snapshot of where just a few of our graduates are today

Government

Susan Amron, '84, Chief,
Environmental Law Division,
New York City Law Department

Steven N. Brautigam '94, Assistant
Commissioner for Environmental Affairs,
New York City Department of Sanitation

Steve Bullock '94,
Governor, Montana

Brenda Mallory '83
General Counsel, Council
on Environmental Quality,
Executive Office of the President

Janette Sadik-Kahn '87,
Commissioner, New York City
Department of Transportation
(to 2014)

Ben Schifman '11 and **Claire
Woods** '11, trial attorneys, and
Alice Thurston '84, appellate
lawyer, Environmental and
Natural Resources Division,
U.S. Department of Justice

Carter H. Strickland Jr. '95,
Commissioner, New York City
Department of Environmental
Protection (to 2014)

Law Firms

Theodore Garrett '68,
Senior Counsel and former
head, Environmental Practice,
Covington & Burling

Nelson Johnson '92,
Partner-in-charge, Environmental
Practice Group, Arnold & Porter
LLP—New York Office

Matthew Morreale '97,
Partner-in-charge, Environmental
Practice, Cravath Swaine & Moore

Daniel Riesel '61, Name partner,
Sive Paget & Riesel, an environmental
law boutique in New York, with
colleagues **Jeffrey Gracer** '85,
Partner, and **Devin McDougall** '12,
Associate

Sarah H. Sigman '08, Associate,
San Francisco environmental boutique
Shute, Mihaly & Weinberger

Not-for-Profits

Kenneth S. Berlin '73, Senior Vice
President and General Counsel,
Coalition for Green Capital

Jean Chen '06, Associate Counsel
at Hudson River Foundation and
Open Space Institute

Paul Gallay '84, President and
Hudson Riverkeeper at Riverkeeper

Clay Hiles '75, Executive Director,
Hudson River Foundation

Amanda Hungerford '10,
Attorney, The Humane Society

Peter Lehner '84,
Executive Director,
Natural Resources Defense Council

Christopher McKenzie '92,
Senior Vice President and
General Counsel, Wildlife
Conservation Society

Lisa Perfetto '11,
Associate Attorney, Earthjustice

Academia

Karl Coplan '84, Professor of Law
and Co-Director-Environmental Law
Clinic, Pace Law School

Nicholas A. Robinson '70,
University Professor and
Gilbert & Sarah Karlin Distinguished
Professor of Environmental Law,
Pace Law School

Environmental Consulting and In-House

Christopher Angell '10,
Corporate Counsel, Opower

Ira Feldman '85, President and
Senior Counsel, Greentrack Strategies

Frank Friedman '65,
President, Frank Friedman Associates,
an environmental consulting firm.

Arundhati (Tinku) Khanwalkar '83,
Senior Director—Environmental
Management, PPL Services Corporation

CENTER FOR CLIMATE CHANGE LAW

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