

Hydraulic Fracturing: A Discussion on the Risks and Benefits

Meet the Panel

Stuart Gruskin, Gruskin I Gordon, Founder

Stuart F. Gruskin's career has spanned both the public and private sectors. Prior to forming Gruskin Gordon, a consulting firm focusing on environmental, energy, and economic development issues, from 2007 through 2010 Stu served as Executive Deputy Commissioner of the New York State Department of Environmental Conservation (DEC), where he oversaw the day-to-day operations of the Department. In that capacity, he was responsible for supervising New York State's environmental quality and natural resource policy and regulatory initiatives, including addressing the potential use of high volume hydraulic fracturing and horizontal drilling for natural gas exploration. Among other things, Stu conducted the statewide hearings on the 2009 draft sGEIS, and was DEC's primary liaison with other state agencies, environmental groups, industry, local government officials, landowner coalitions, and other stakeholders.

Stu also represented the DEC Commissioner as Chair of the Board of Directors of the Environmental Facilities Corporation (EFC), a public benefit corporation responsible for financing drinking water and clean water infrastructure projects throughout New York State, administering the State Revolving Fund program, providing technical assistance to municipalities and businesses, and implementing 'green innovation', stimulus and other environmental funding programs. Before entering government service, Stu had a twenty-five year legal and business career in New York City. His areas of practice included commercial and real estate litigation, real estate acquisitions, sales, and financing, administrative law, and government relations. Stu was also a principal of a company that provided structured financing services for real estate development projects nationally. Stu is a graduate of the State University of New York at Albany and Albany Law School of Union College.

Michael Gerrard, Columbia University, Andrew Sabin Professor of Professional Practice, Director of Center for Climate Change Law

Michael B. Gerrard is Andrew Sabin Professor of Professional Practice at Columbia Law School, where he teaches courses on environmental and energy law and directs the Center for Climate Change Law. He also holds a joint appointment as a member of the faculty of Columbia's Earth Institute. Before joining the Columbia faculty in January 2009, he was managing partner of the 110-lawyer New York office of Arnold & Porter LLP; he is now Senior Counsel to the firm. He practiced environmental law in New York City full time from 1979 to 2008 and tried numerous cases and argued many appeals in federal and state courts and administrative tribunals. He was the 2004-2005 chair of the American Bar Association's 10,000-member Section of Environment, Energy and Resources. He has also chaired the Executive Committee of the Association of the Bar of the City of New York, and the Environmental Law Section of the New York State Bar Association.

Since 1986, Gerrard has written an environmental law column for the [New York Law Journal](#), and since 1989 he has been editor of a monthly newsletter, [Environmental Law in New York](#). He is author or editor of nine books, two of which were named Best Law Book of the Year by the Association of American Publishers: [Environmental Law Practice Guide](#) (twelve volumes, 1992) and [Brownfields Law and Practice: The Cleanup and Redevelopment of Contaminated Land](#) (four volumes, 1998). His other books are [Environmental Impact Review in New York](#) (two volumes, with Philip Weinberg and Daniel Ruzow, 1990); [Whose Backyard, Whose Risk: Fear and Fairness in Toxic and Nuclear Waste Siting](#) (1994); [The Law of Environmental Justice](#) (1999, 2d ed. 2008); [Amending CERCLA](#) (with Joel Gross) (2006); [Global Climate Change and U.S. Law](#) (2007); [The Law of Green Buildings](#) (with Cullen Howe) (2010); and [The Law of Clean Energy: Efficiency and Renewables](#) (2011).

Legal Media Group's *Guide to the World's Leading Environment Lawyers*, based on 4,000 questionnaires, reported in 2005 and again in 2007 that Gerrard "received more personal nominations for this guide than any other lawyer in the world."

He received his B.A. from Columbia University and his J.D. from New York University Law School, where he was a Root Tilden Scholar.

John Quigley, John H Quigley LLC, Principal, PennFutures, Strategic Advisor

Former Secretary John Quigley is the principal of John H Quigley LLC. He also is Strategic Advisor to Citizens for Pennsylvania's Future (PennFuture). He served as secretary of the Pennsylvania Department of Conservation and Natural Resources from April 2009 to January 2011. Prior to his appointment, Quigley worked for the agency in several capacities, including overseeing strategic initiatives and operations, and as chief of staff. As secretary, Quigley helped to position Pennsylvania as a leader in land conservation, outdoor recreation, alternative energy, and public land management. He tirelessly fought to protect the integrity of the state park and forest

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systems in tough economic times. During his tenure as secretary, Pennsylvania State Parks were named the Best in the Nation. He also directed agency efforts that have become a national model in helping communities capitalize on their natural resources to improve economic development and quality of life. Under Quigley's leadership, Pennsylvania undertook efforts to address the impacts of climate change, including studying the use of biomass as an alternative fuel, the impacts of wind power on wildlife, and a comprehensive carbon management plan and a science-based business plan for the geologic sequestration of greenhouse gases - the first plan in the nation to analyze the economics of a large, integrated, utility-scale geologic carbon sequestration network. He led a cross-organizational strategic response to Marcellus Shale gas development, including a comprehensive monitoring program to assess the impacts of gas exploration on the state forest.

Quigley has had a diverse career in the nonprofit, public, and private sectors, including eight years as the mayor of the City of Hazleton, government relations manager with Citizens for Pennsylvania's Future, and management positions with industry-leading companies. He is a graduate of Bloomsburg University with a degree in economics, and holds a Master of Public Administration degree from Lehigh University.

Deborah Goldberg, Earthjustice, Managing Attorney

Deborah Goldberg is the Managing Attorney of Earthjustice's northeast regional office, located in New York City. Earthjustice, the nation's largest non-profit environmental law firm, is dedicated to protecting the magnificent places, natural resources, and wildlife of this earth and to defending the right of all people to a healthy environment. The northeast office conducts legal advocacy and litigation related to global warming and environmental health. Since her arrival at Earthjustice in July 2008, Ms. Goldberg has been working to protect public health and the environment from the adverse effects of gas development in the Marcellus Shale. Her litigation to date has focused on water impacts of gas wastes and the potential health, safety, and environmental consequences of gas pipeline construction. Ms. Goldberg also has testified about those issues before legislative and regulatory bodies and appears regularly at public events and in the news media.

Ms. Goldberg spent the first decade of her legal career in private practice, at the law firms of Berle, Kass & Case (1988-1994) and Arnold & Porter (1994-1997), concentrating on environmental impact review, historic preservation, and hazardous waste litigation. She graduated from Harvard Law School (1986), after which she served as a law clerk for then-Judge Stephen Breyer of the First Circuit Court of Appeals and the late Constance Baker Motley of the Southern District of New York. Before joining Earthjustice, she was the Democracy Program Director of the Brennan Center for Justice at NYU School of Law, where she engaged in research, public education, advocacy, and litigation related to voting rights and electoral reform. Ms. Goldberg also holds a Ph.D. in philosophy and taught ethics for three years at Columbia University.

Scott Sherman, Hess Corporation, Director of Environmental Affairs

Scott Sherman is Director of Corporate Environmental Affairs at Hess Corporation, where he develops and manages the company's strategic engagement on legislative and regulatory issues, policy initiatives and external partnerships. From 2006 to 2008, Scott served as Associate Assistant Administrator at the U.S. Environmental Protection Agency. Scott previously served as Senior Policy Advisor to Chairman Tony Garza of the Railroad Commission of Texas and as Assistant General Counsel at the Texas Commission on Environmental Quality. Scott also has held an adjunct faculty appointment at the Johns Hopkins University, Carey Business School.

Scott Cline, Consultant to the Oil and Gas Industry

Dr. Cline holds a BS in geological science from Penn State, and both MS and PhD in petroleum engineering from University of Oklahoma and an MBA. He began his career in 1976 for Gulf Oil Corporation (now Chevron) and later worked as geologist, petroleum engineer, and senior manager for several other oil and gas companies based in Houston and Oklahoma City. He was involved in the early implementation of horizontal drilling in fractured reservoirs. He currently lives in the Finger Lakes region of NY and consults to the oil and gas industry. He has published on a wide range of oil and gas topics and his research interests include horizontal drilling in fractured reservoirs, well construction and design, reservoir simulation, fluid flow in porous media, oil and gas valuation and reserve analysis, and unitization matters. He has recently served as subject matter expert at the US EPA technical sessions on well construction and hydraulic fracturing in Arlington, VA and the Quebec's Office of Public Hearings on the Environment (BAPE) in regard to formulating oil and gas regulation in Quebec and testified before the NY State Assembly Energy and Environmental Committees on hydraulic fracturing.