

Speaker Biographies

David Manning holds the position of Director, Stakeholder Relations/External Affairs at Brookhaven National Laboratory, operated for the U.S. Department of Energy. Previously he served as the Deputy Minister of Energy for Alberta, Canada, and head of Public Affairs for Keyspan/National Grid. Currently focused on community and education programs and government relations, Mr. Manning's career includes work in the fields of advanced vehicle technologies, greenhouse gas management, emissions trading, environmental regulatory compliance and data management systems. He earned a BA and LLB in law from the University of Alberta, and did post graduate work in international law at the Australian National University.

Nathaniel Keohane, an economist, advocate and expert on global climate, environment and energy issues, is currently Senior Vice President for Climate at Environmental Defense Fund, a leading nonprofit advocacy organization based in New York. Known for his work in environmental economics, he helped the Obama administration develop its policy on energy and the environment and led efforts to enact comprehensive cap-and-trade legislation in Congress. He is the co-author of *Markets and the Environment*, co-editor of *Economics of Environmental Law*, and has published in prominent academic journals. Dr. Keohane has his BA from Yale and PhD from Harvard and is an Adjunct Professor of Law at New York University.

Joanna D. Underwood has been a leader in the environmental movement since the 1970s. In 1973 she founded INFORM, a national non-profit research organization which analyzed environmentally destructive business practices and helped identify solutions. In 2007 Ms. Underwood went on to found Energy Vision, a New York City based national environmental organization focusing on sustainable transportation. A graduate of Bryn Mawr, she served on the Eco-efficiency Task Force of President Clinton's Council on Sustainable Development and was selected by Earth Times as one of the world's 100 most influential environmental leaders.

Trent Philipp is Chief Development Officer and board member of Reykjavik Geothermal, a leading geothermal development company. He oversees the company's development activities in Ethiopia, Mexico and St. Vincent and the Grenadines, as well as in new markets and opportunities. Mr. Philipp was a founding partner of Ambata Capital Partners, a merchant bank focused on clean energy and sustainability. Previously, he was head of sales for the UK and Ireland at Soleil Securities where he was responsible for initiating investment banking efforts in the alternative energy sector. Actively involved in nonprofit conservation efforts, he has a BA from the University of Richmond and an MBA from NYU.

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Joseph Martens is Director of the New York Offshore Wind Alliance, a coalition of business, labor and environmental organizations developing wind energy off New York's coast. Previously both President and a Senior Fellow at The Open Space Institute, a regional conservation group, Mr. Martens was Commissioner of the NYS Department of Environmental Conservation under Governor Andrew Cuomo and Deputy Secretary for Energy and the Environment under Governor Mario Cuomo. Mr. Martens studied resource

economics at the University of Massachusetts at Amherst and received an M.S. in Resource Management from the State University of New York, College of Environmental Science and Forestry at Syracuse.

Dr. Vijay Modi is Professor of Mechanical Engineering at Columbia University and a faculty member of Columbia's Earth Institute. He leads the UN Millennium Project on the role of energy and energy services in reaching the UN Millennium goals. His expertise is in the fields of energy sources and conversion, heat/mass transfer, and fluid mechanics; he has recently worked on developing a sub-metering system for shared solar energy. Winner of both the Distinguished Faculty Teaching Award and the Great Teacher Award at Columbia, Dr. Modi holds a Mechanical Engineering degree from the Institute of Technology in Mumbai, India, a PhD from Cornell University, and has conducted post-doctoral research at MIT.

For Further Reading

*The Conservation Committee of The City Gardens Club of New York City,
a non-partisan 501c3 charitable organization, suggests:*

Bloomberg, Michael and Pope, Carl: *Climate of Hope. How Cities, Businesses and Citizens Can Save the Planet.* St. Martin's Press, 2017. An optimistic look at the challenge of climate change, the solutions that hold the greatest promise, and the practical steps that are necessary now to achieve them.

Hawkins, Paul, editor. *Drawdown: The Most Comprehensive Plan Ever Proposed to Reverse Global Warming.* Penguin Random House, 2017. The 100 most substantive solutions to reverse global warming, based on meticulous research by leading scientists and policymakers around the world. NY Times Bestseller.

Rich, Nathaniel: "*Losing Earth*" New York Times Sunday Magazine 8/15/18. A masterpiece of narrative journalism describing the decisive decade between 1979 and 1989 when a small group of American scientists, activists and politicians came so very close to staving off the catastrophe of climate change.