

## Ensuring Urban Resilience: Come Hell Or High Water

### Speaker Biographies

**Nancy E. Anderson**, (Introducer) Executive Director of the Sallan Foundation, is a life-long New Yorker. After obtaining both her B.A. and Ph.D. from New York University, she served as an environmental advisor in City government for two decades. During that time, she helped prevent the sale of the City's water supply. Since opening the doors of the Sallan Foundation in 2005, she has worked to advance useful knowledge for greener cities. Making high performance building New York's "new normal" and seeking sustainable solutions to urban energy needs are among the Foundation's key campaigns. She writes a bi-monthly "Torchlight" column for the Sallan website as well as commissioning guest op-ed columns and original research.

**Eddie Bautista**, (Panelist) Executive Director, New York City Environmental Justice Alliance is a community organizer and urban planner. In 2010, Eddie resigned as Director of the Mayor's Office of City Legislative Affairs to take the reins at NYC-EJA. At the Mayor's Office, Eddie spearheaded efforts to pass several major pieces of legislation, including: the City's 20-year landmark Solid Waste Management Plan (which relied for the first time on principles of environmental justice and borough equity); creation of the first municipal brownfields remediation office in the nation; mandatory retrofit of diesel-powered school buses to reduce air pollution in bus cabins; and the Greater Greener Buildings Plan, the nation's first comprehensive package of legislation aimed for improving energy efficiency for large scale buildings.

Previously, Eddie was the Director of Community Planning for NY Lawyers for the Public Interest (NYLPI), where he served as the lobbying/communications/community organizing director for this non-profit civil rights law firm. At NYLPI, Eddie organized grassroots coalitions and campaigns, including the Organization of Waterfront Neighborhoods (OWN) and Communities United for Responsible Energy (CURE), which blocked the siting of mega-waste transfer stations, large power plants, incinerators and sludge plants in environmentally-burdened, low income communities of color, while changing City and State solid waste and energy policies. Eddie has a B.A. from N.Y.U., an M.S. in City and Regional Planning from Pratt Institute and was a Revson Fellow at Columbia University. In 2003, Eddie was among 17 national winners of the Ford Foundation's Leadership for a Changing World awards.

**Michael B. Gerrard** (Moderator) is Andrew Sabin Professor of Professional Practice at Columbia Law School, where he teaches courses on environmental and energy law and directs the Sabin Center for Climate Change Law. He is also Chair of the Faculty of Columbia's Earth Institute. Before joining the Columbia faculty in January 2009, he was partner in charge of the 110-lawyer New York office of Arnold & Porter; his now Senior Counsel to the firm. He practiced environmental law in New York City full time from 1979 to 2008. Gerrard is author or editor of eleven books, two of which were named Best Law Book of the Year by the Association of American Publishers. His most recent book is Global Climate Change and U.S. Law (with Jody Freeman) (2d ed. 2014).

Nico Kinzl (Panelist) is director of Atelier Ten and leader of its global energy analysis practice where he consults on a wide variety of large scale residential, commercial and

institutional buildings, as well as on masterplan and renovation work in the United States, Europe, and the Middle East. Nico has particular experience with the application of advanced building analysis including facade optimization, daylight and shading analysis, and optimization of building systems. Recent work includes the first LEED Platinum condominium high rise in New York City and the sustainability framework for Columbia's new Manhattanville Campus. Nico teaches building systems integration at Pratt Institute's Graduate Architecture Program and the core building systems class at Columbia University Graduate School of Architecture Planning and Preservation.

He is a LEED Fellow, and serves as a representative member of the U.S. General Services Administrations (GSA) Green Building Advisory Committee. Nico holds a Dipl. Ing. in Architecture from the Technical University in Munich, an M.S. in Building Technology from MIT and a Doctor of Design from the Graduate School of Design at Harvard University.

**Joyce Klein-Rosenthal** (Panelist) is a Research Scientist with the Columbia Earth Institute's Center for Sustainable Urban Development (CSUD). Her research evaluates the social equity and public health dimensions of urban planning and design for adapting to environmental change and reducing risk in urban settlements, and examines the shared strategies, goals, and histories of the disciplines of urban planning and public health in the creation of the healthy city. She uses spatial analysis and community-based research to assess environmental health disparities in cities, interactions between urban design and microclimates, and land-use and housing policies for risk reduction and coastal resilience. Her new research initiative, the Urban Brain Project, seeks to foster collaboration between planners, designers and public health practitioners and scholars to address solutions to the continuing problem of lead poisoning in cities.

Klein-Rosenthal received her PhD (2010) in Environmental Planning, MS in Urban Planning (2000) and MPH (2001) in Environmental Health Sciences from Columbia University. She was visiting faculty of Urban Planning at Columbia's Graduate School of Architecture, Planning and Preservation (GSAPP) in 2016, following five years as faculty at Harvard University's Graduate School of Design. She is also a research scholar with the non-profit environmental organization BioCities in New York City, and member of the International Association of Urban Climate, the American Planning Association, the American Public Health Association and the American Geophysical Union.

**Kate Orff** (Panelist) is a registered landscape architect, and Associate Professor and Director of Columbia's [Urban Design Program](#) at GSAPP. Her office, [SCAPE](#), is leading the \$60M [Living Breakwaters](#) project in Staten Island for the New York State Governor's [Office of Storm Recovery](#).

**Lindene Patton** (Panelist) is a strategic leader with broad range of experience in financial services, risk management; insurance; sustainability; natural resource management and resilience. She is a partner at Earth and Water Law, LLC and maintains an independent consulting function to address work with NGOs, data, analytics and technology activities. Previously, Ms. Patton served as the Global Head of Hazard Products for CoreLogic; the

Chief Climate Product Officer as well as Counsel to Zurich Insurance Group; counsel for a brokerage firm and general counsel to an engineering company.

Ms. Patton is an attorney licensed in California and the District of Columbia and an American Board of Industrial Hygiene-Certified Industrial Hygienist. Ms. Patton also holds a B.S. in biochemistry from the University of California, Davis, and a Master of Public Health from the University of California, Berkeley; and a J.D. from Santa Clara University School of Law.

**Christopher O. Ward**, (Keynoter) also known as Chris, is Senior Vice President and Chief Executive of Metro New York of AECOM. In this role, Mr. Ward leads strategic growth and profitability of the Design and Consulting Services group. Mr. Ward previously served as Executive Director of Port Authority of New York and New Jersey where he led the effort on the World Trade Center project and executed the turnaround at the site by implementing creative engineering solutions — delivering on a commitment to open the 9/11 Memorial by the 10th anniversary. Mr. Ward served as Managing Director of the General Contractors Association of New York, Inc. for two years. He served as the Chief Executive Officer of American Stevedoring, Inc. From 2002 to 2005, he was the Commissioner of the New York City Department of Environmental Protection, which is responsible for protecting the environmental health, welfare, and natural resources of New York City and its residents. He also has served as Director of Business Development of American Stevedoring, Inc. and Senior Vice President for Transportation and Commerce of the New York City Economic Development Corporation. Mr. Ward received a Master of Theological Studies from Harvard Divinity School and a Bachelor of Arts from Macalester College in St. Paul, Minnesota.

**Dawn Zimmer** (Keynoter) became the first woman to serve as mayor of the City of Hoboken in 2009. Prior to that, she served as a Councilwoman after becoming involved in civic life as an advocate for park space.

Zimmer led Hoboken through the difficult days of Superstorm Sandy. She is implementing an integrated, comprehensive flood resiliency plan to protect from rising seas and stronger storms and led the effort to secure \$230 million for flood resiliency through the post-Sandy Rebuild by Design competition. Zimmer also secured funding to build a second flood pump to alleviate the flash flooding that occurs during heavy rain events. She created and is implementing a green infrastructure strategic plan to address flooding including rain gardens, bioswales, and new “resiliency parks” built with underground water detention chambers.

In partnership with the U.S. Department of Energy and Sandia National Labs, Mayor Zimmer is building the foundation for a microgrid to improve energy resiliency.

She has been an outspoken advocate for changing federal and state regulations related to flood insurance, reconstruction funding, and building standards in order to meet the unique challenges and characteristics of urban communities. Mayor Zimmer served on President Obama’s Hurricane Sandy Rebuilding Task Force and is currently a member of President Obama’s Task Force on Climate Preparedness and Resilience.